



REPUBLIK INDONESIA  
KEMENTERIAN HUKUM DAN HAK ASASI MANUSIA

## SURAT PENCATATAN CIPTAAN

Dalam rangka perlindungan ciptaan di bidang ilmu pengetahuan, seni dan sastra berdasarkan Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta, dengan ini menerangkan:

Nomor dan tanggal permohonan : EC00202258293, 28 Agustus 2022

### Pencipta

Nama : **Julianto Agung Saputro**  
Alamat : Perumahan Kembang Asri I No 2E, Panggungan, Trihanggo, Sleman, Sleman, DI YOGYAKARTA, 55291  
Kewarganegaraan : Indonesia

### Pemegang Hak Cipta

Nama : **STIE YKPN Yogyakarta**  
Alamat : Jl. Seturan Raya, Caturtunggal, Kec. Depok, Kabupaten Sleman, Sleman, DI YOGYAKARTA, 55281  
Kewarganegaraan : Indonesia  
Jenis Ciptaan : **Karya Tulis (Disertasi)**  
Judul Ciptaan : **Relevansi Nilai Informasi Lunak Sebagai Pelengkap Informasi Keras**

Tanggal dan tempat diumumkan untuk pertama kali di wilayah Indonesia atau di luar wilayah Indonesia : 28 Agustus 2022, di Yogyakarta

Jangka waktu perlindungan : Berlaku selama 50 (lima puluh) tahun sejak Ciptaan tersebut pertama kali dilakukan Pengumuman.

Nomor pencatatan : 000374027

adalah benar berdasarkan keterangan yang diberikan oleh Pemohon.  
Surat Pencatatan Hak Cipta atau produk Hak terkait ini sesuai dengan Pasal 72 Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta.



a.n Menteri Hukum dan Hak Asasi Manusia  
Direktur Jenderal Kekayaan Intelektual  
u.b.  
Direktur Hak Cipta dan Desain Industri

Anggoro Dasananto  
NIP.196412081991031002

Disclaimer:  
Dalam hal pemohon memberikan keterangan tidak sesuai dengan surat pernyataan, Menteri berwenang untuk mencabut surat pencatatan permohonan.





## SURAT PERNYATAAN

Yang bertanda tangan di bawah ini, pemegang hak cipta:

N a m a : Julianto Agung Saputro  
Kewarganegaraan : Indonesia  
Alamat : Perum Kembang Asri 2E, Panggungan, Trihanggo, Sleman. 55291

.....

Dengan ini menyatakan bahwa:

1. Karya Cipta yang saya mohonkan:

Berupa : Software (Perangkat Lunak/ Program Komputer)  
Berjudul : Sistem Informasi Analisis Konten

.....

- Tidak meniru dan tidak sama secara esensial dengan Karya Cipta milik pihak lain atau obyek kekayaan intelektual lainnya sebagaimana dimaksud dalam Pasal 68 ayat (2);
  - Bukan merupakan Ekspresi Budaya Tradisional sebagaimana dimaksud dalam Pasal 38;
  - Bukan merupakan Ciptaan yang tidak diketahui penciptanya sebagaimana dimaksud dalam Pasal 39;
  - Bukan merupakan hasil karya yang tidak dilindungi Hak Cipta sebagaimana dimaksud dalam Pasal 41 dan 42;
  - Bukan merupakan Ciptaan seni lukis yang berupa logo atau tanda pembeda yang digunakan sebagai merek dalam perdagangan barang/jasa atau digunakan sebagai lambang organisasi, badan usaha, atau badan hukum sebagaimana dimaksud dalam Pasal 65 dan;
  - Bukan merupakan Ciptaan yang melanggar norma agama, norma susila, ketertiban umum, pertahanan dan keamanan negara atau melanggar peraturan perundang-undangan sebagaimana dimaksud dalam Pasal 74 ayat (1) huruf d Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta.
2. Sebagai pemohon mempunyai kewajiban untuk menyimpan asli contoh ciptaan yang dimohonkan dan harus memberikan apabila dibutuhkan untuk kepentingan penyelesaian sengketa perdata maupun pidana sesuai dengan ketentuan perundang-undangan.
3. Karya Cipta yang saya mohonkan pada Angka 1 tersebut di atas tidak pernah dan tidak sedang dalam sengketa pidana dan/atau perdata di Pengadilan.
4. Dalam hal ketentuan sebagaimana dimaksud dalam Angka 1 dan Angka 3 tersebut di atas saya / kami langgar, maka saya / kami bersedia secara sukarela bahwa:
- a. permohonan karya cipta yang saya ajukan dianggap ditarik kembali; atau
  - b. Karya Cipta yang telah terdaftar dalam Daftar Umum Ciptaan Direktorat Hak Cipta, Direktorat Jenderal Hak Kekayaan Intelektual, Kementerian Hukum Dan Hak Asasi Manusia R.I dihapuskan sesuai dengan ketentuan perundang-undangan yang berlaku.
  - c. Dalam hal kepemilikan Hak Cipta yang dimohonkan secara elektronik sedang dalam berperkara dan/atau sedang dalam gugatan di Pengadilan maka status kepemilikan surat pencatatan elektronik tersebut ditangguhkan menunggu putusan Pengadilan yang berkekuatan hukum tetap.

## **SISTEM INFORMASI ANALISIS KONTEN**

**Oleh: Julianto Agung Saputro**

Software analisis konten ini aplikasi berbasis web, dibuat untuk membantu dosen dan peneliti dalam melakukan penelitian konten dan analisis tektual Laporan Tahunan (*Annual Report*) khususnya di Indonesia. Software ini belum pernah dibuat sebelumnya dan merupakan software pertama yang dibuat untuk membantu analisis konten dan tektual Laporan Tahunan.

Beberapa fitur dari perangkat lunak analisis konten Laporan Tahunan :

1. Membaca Laporan Tahunan dalam bentuk file \*.doc dan \*.pdf dari file yang diupload.
2. Menghitung kata sesuai dengan kelompok katagori kata dalam bentuk txt.
3. Menghitung jumlah kata.
4. Menghitung ukuran file.
5. Menghitung Fog Indeks.
6. Menghitung Bill Kincaid Indeks.
7. Mendownload hasil analisis dalam bentuk file Excel.
8. Menganalisis sesuai dengan konten yang ada pada daftar kata yang dimasukkan dalam pustaka.

Daftar kata digunakan sebagai dasar untuk melakukan analisis kata yang ada dalam Laporan Tahunan (daftar kata ini dapat disesuaikan dengan tujuan analisis konten yang dilakukan).

Daftar kata yang digunakan sebagai dasar melakukan analisis konten khusus Laporan Tahunan adalah sebagai berikut.

1. Daftar kata positif
2. Daftar kata negatif
3. Daftar kata NER (Name Entity Recognition), yaitu nama entitas yang digunakan untuk menganalisis kejelasan Laporan Tahunan, yang terdiri dari daftar nama, lokasi dan organisasi.
4. Daftar kata ketakpastian
5. Daftar kata penggabungan kata

Software ini menggunakan software pendukung Xampp, yang digunakan sebagai aplikasi server Apache untuk menjalankan software ini. Pertama-tama Xampp harus dijalankan, masuk ke folder Xampp, jalankan Xampp-Control, kemudian klik Start. Berikut tampilan isi folder Xampp.

xampp

ShareView

Move to

Copy to

Delete

Rename

Organize

New folder

New item

Easy access

New

Properties

Open

Edit

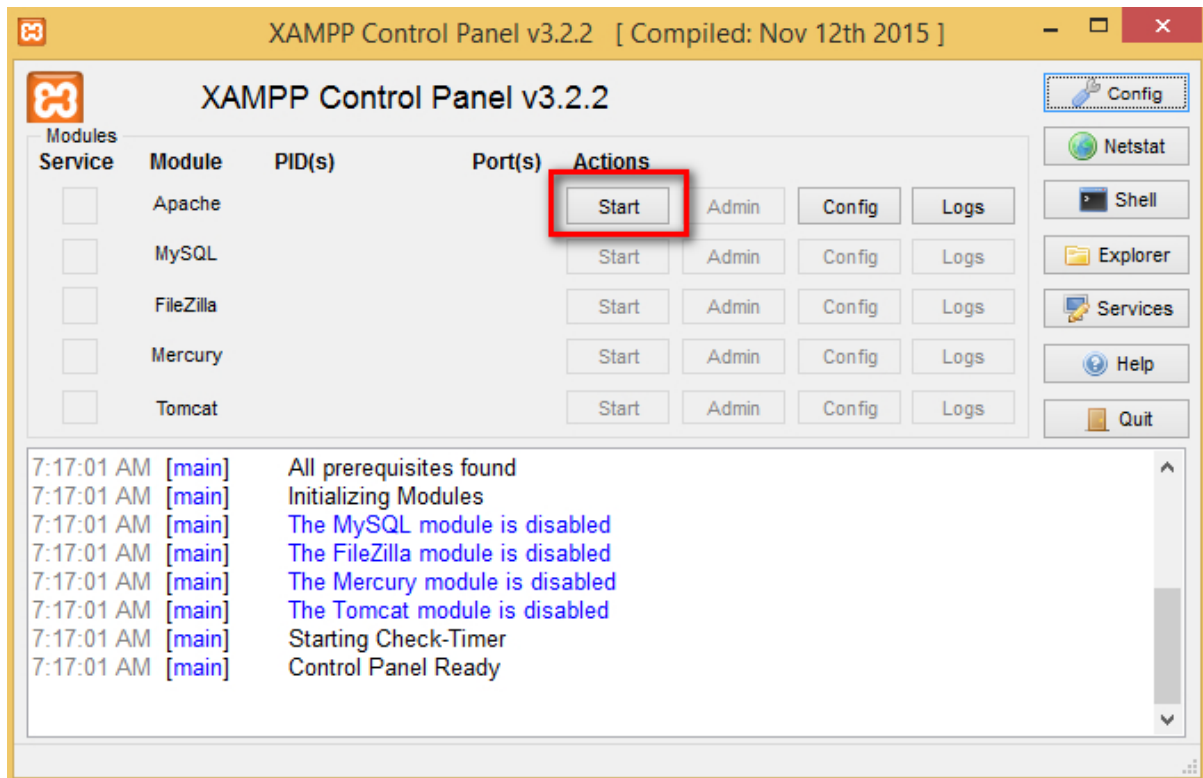
Histo

Open

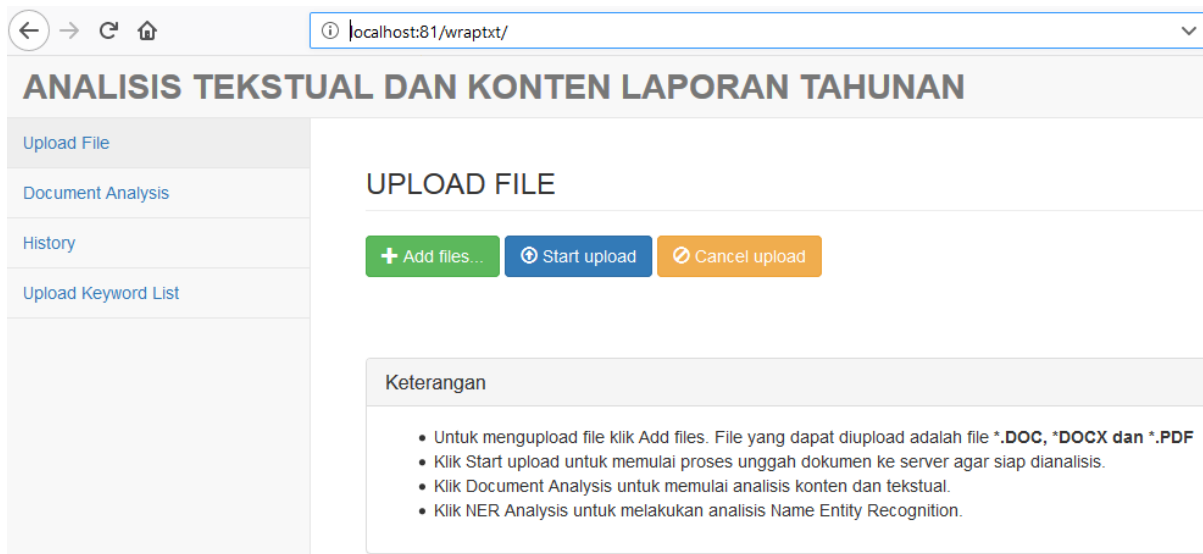
► This PC ► Local Disk (C:) ► xampp

Name	Date modified	Type
mercury_stop.bat	07-Jun-13 6:15 PM	Windows Batcl
mysql_start.bat	07-Jun-13 6:15 PM	Windows Batcl
mysql_stop.bat	07-Jun-13 6:15 PM	Windows Batcl
passwords.txt	13-Mar-17 6:04 PM	Text Documen
properties.ini	26-Feb-19 4:55 PM	Configuration
readme_de.txt	18-Jan-19 4:46 PM	Text Documen
readme_en.txt	18-Jan-19 4:46 PM	Text Documen
RELEASENOTES	18-Jan-19 4:55 PM	File
service.exe	30-Mar-13 7:29 PM	Application
setup_xampp.bat	30-Mar-13 7:29 PM	Windows Batcl
test_php.bat	09-Dec-16 1:40 AM	Windows Batcl
uninstall.dat	26-Feb-19 4:57 PM	DAT File
uninstall.exe	26-Feb-19 4:57 PM	Application
xampp_shell.bat	26-Feb-19 4:54 PM	Windows Batcl
xampp_start.exe	30-Mar-13 7:29 PM	Application
xampp_stop.exe	30-Mar-13 7:29 PM	Application
xampp-control.exe	14-Dec-16 6:47 PM	Application
xampp-control.ini	25-Jul-19 8:36 PM	Configuration
xampp-control.log	25-Jul-19 8:36 PM	Text Documen

lected 28.6 KB



Setelah software berjalan, berikutnya masuk ke browser internet dan masukkan link berikut ini: <http://localhost:81/wraptxt/>, setelah link ini dijalankan akan muncul tampilan sebagai berikut ini.



Pertama kali yang dilakukan adalah upload file yang akan dianalisis dengan cara klik Add files. Pilih Add File, tentukan file apa yang akan dianalisis dengan memilih satu atau lebih file \*.DOC atau \*.PDF. Sebagai contoh berikut ini menggunakan file \*.DOC

# ANALISIS TEKSTUAL DAN KONTEN LAPORAN TAHUNAN

Upload File

Document Analysis

History

Upload Keyword List

## UPLOAD FILE

+ Add files...

Start upload

Cancel upload

### Keterangan

- Untuk mengupload file klik Add files. File yang dapat diupload adalah file '
- Klik Start upload untuk memulai proses unggah dokumen ke server agar :
- Klik Document Analysis untuk memulai analisis konten dan tekstual.
- Klik NER Analysis untuk melakukan analisis Name Entity Recognition.

PC > Local Disk (C:) > S3 > DATA LENGKAP > Lap Tahunan Bhs Indonesia > 2016 > FULL doc

Name	Date modified	Type	Size
ABDA_Annual Report_2016 INDO.doc	17-Apr-18 10:04 AM	Microsoft Word 9...	29,466 KB
ABMM Full 2016.docx	20-Apr-18 10:42 AM	Microsoft Word D...	10,667 KB
ACES Full 2016.docx	20-Apr-18 11:16 AM	Microsoft Word D...	2,432 KB
ACST Full 2016.docx	22-Apr-18 6:17 AM	Microsoft Word D...	1,566 KB
ADES Full 2016.docx	22-Apr-18 6:36 AM	Microsoft Word D...	108 KB
ADHI Full 2016.docx	22-Apr-18 7:23 AM	Microsoft Word D...	1,980 KB
ADMF Full 2016.docx	22-Apr-18 7:37 AM	Microsoft Word D...	23,925 KB
ADMG Full 2016.docx	22-Apr-18 8:11 AM	Microsoft Word D...	607 KB
AGII Full 2016.docx	22-Apr-18 8:47 AM	Microsoft Word D...	1,502 KB
AGRO Full 2016.docx	22-Apr-18 9:19 AM	Microsoft Word D...	29,500 KB
AGRS Full 2016.docx	22-Apr-18 11:19 AM	Microsoft Word D...	865 KB
AIMS Full 2016.docx	22-Apr-18 11:40 AM	Microsoft Word D...	101 KB
AISA Full 2016.docx	22-Apr-18 9:24 PM	Microsoft Word D...	3,849 KB
AKKU Full 2016.docx	22-Apr-18 11:56 AM	Microsoft Word D...	220 KB
AKPI Full 2016.docx	22-Apr-18 8:33 PM	Microsoft Word D...	476 KB

Setelah satu atau beberapa file dipilih, di menu akan muncul tampilan berikut ini:

## ANALISIS TEKSTUAL DAN KONTEN LAPORAN TAHUNAN

Upload File

Document Analysis

History

Upload Keyword List

### UPLOAD FILE

+ Add files...

Start upload

Cancel upload

ADES Full 2016.docx

110.06 KB

Start

Cancel

ADHI Full 2016.docx

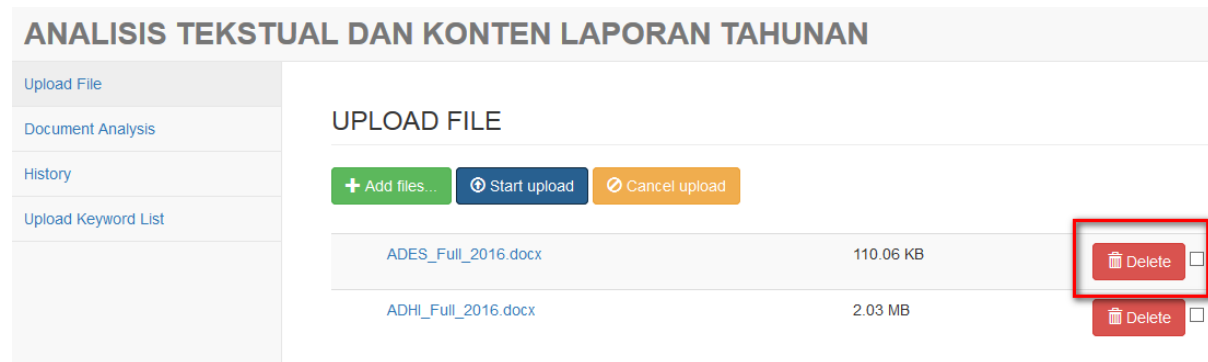
2.03 MB

Start

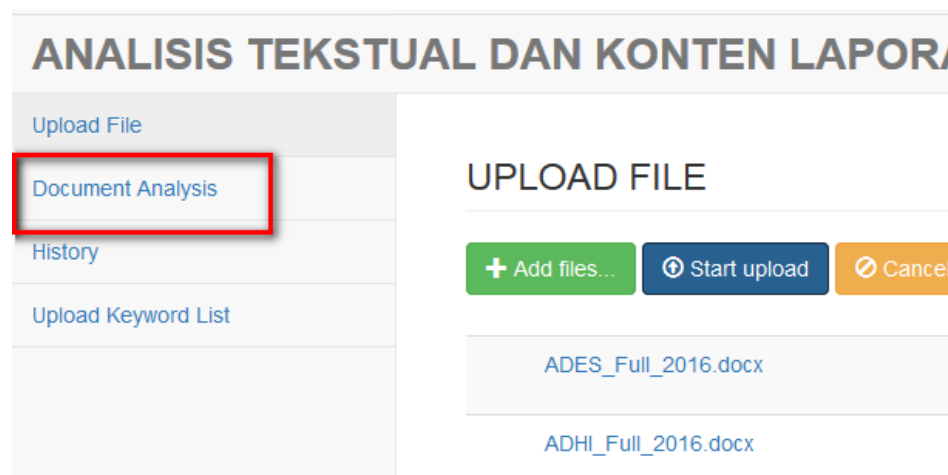
Cancel

Jika upload akan dilakukan bersama-sama beberapa file, klik Start upload (No. 1), jika akan mengupload satu per satu file klik Start (No. 2). Klik Cancel, jika akan membatalkan file untuk diupload.

Jika proses upload susah selesai, akan muncul tampilan berikut ini, klik Delete jika ingin membatalkan file yang akan dianalisis.



Setelah proses upload selesai, klik Document Analysis, dan tunggu beberapa saat, sampai proses upload selesai. Setelah itu klik Document Analysis. Tunggu beberapa saat sampai proses analisis selesai, jika file yang diupload cukup banyak maka proses analisis akan memakan waktu yang cukup lama juga. Tidak ada batas berapa jumlah file yang dapat diupload, tetapi sebaiknya jangan terlalu banyak supaya prosesnya tidak terlalu lama.



Setelah proses analisis selesai akan muncul tampilan berikut ini. Hasil analisis terdiri dari dua bagian, bagian atas adalah hasil analisis dalam bahasa Indonesia dan di bawahnya dalam bahasa Inggris. Sebagai bagian dibagi menjadi beberapa kolom hasil analisis sesuai dengan daftar data yang akan dianalisis dan standar analisis yang dilakukan (Fog indeks, Kincaid indeks, jumlah kata, ukuran file, dan jumlah kata yang tidak ada dalam daftar).



## ANALISIS TEKSTUAL DAN KONTEN LAPORAN TAHUNAN

Upload File

Document Analysis

History

Upload Keyword List

### Hasil Analisis Dokumen

Download Hasil Analisis Dokumen – Bahasa Indonesia

Nama File	Kode Emiten	Tahun	Jumlah Kata	Fog Index	Kincaid Index	LoughranBill	Aset	FowardLooking	Laba	locatio
ind_ADES_Full_2016.txt	ADES	2016	11140	9.44	36.83	84,482	63	121	86	106
ind_ADHI_Full_2016.txt	ADHI	2016	32915	10.47	37.19	247,591	169	569	233	435

Download Hasil Analisis Dokumen – Bahasa Inggris

Nama File	Kode Emiten	Tahun	Jumlah Kata	Fog Index	Kincaid Index	LoughranBill	Aset	FowardLooking	Laba	locatio
en_ADES_Full_2016.txt	ADES	2016	20	2.00	14.09	99	0	0	0	1
en_ADHI_Full_2016.txt	ADHI	2016	1622	10.81	34.29	11,326	1	1	0	98

Untuk mendapatkan hasil analisis dalam bentuk file Excel, klik bagian yang kata yang berwarna biru:

1. No. 1 untuk mendownload hasil analisis dalam bahasa Indonesia, file yang dihasilkan akan bernama dokumen\_html\_ind.xls.
2. No. 2 untuk mendownload hasil analisis dalam bahasa Inggris, file yang dihasilkan akan bernama dokumen\_html\_en.xls.
3. No. 3 untuk mendownload semua kata yang diperoleh, file yang dihasilkan akan bernama wcd\_ind\_nama\_file\_yang\_diupload.
4. No. 4 untuk mendownload semua kata yang tidak masuk dalam daftar kata, file yang dihasilkan akan bernama wcd\_b\_ind\_nama\_file\_yang\_diupload.

## ANALISIS TEKSTUAL DAN KONTEN LAPORAN TAHUNAN

Upload File

Document Analysis

History

Upload Keyword List

### Hasil Analisis Dokumen

Download Hasil Analisis Dokumen – Bahasa Indonesia

Nama File	Kode Emiten	Tahun	Jumlah Kata	Fog Index	Kincaid Index	LoughranBill	Aset	FowardLooking	Laba	locatio
ind_ADES_Full_2016.txt	ADES	2016	11140	9.44	36.83	84,482	63	121	86	106
ind_ADHI_Full_2016.txt	ADHI	2016	32915	10.47	37.19	247,591	169	569	233	435

Download Hasil Analisis Dokumen – Bahasa Inggris

Nama File	Kode Emiten	Tahun	Jumlah Kata	Fog Index	Kincaid Index	LoughranBill	Aset	FowardLooking	Laba	locatio
en_ADES_Full_2016.txt	ADES	2016	20	2.00	14.09	99	0	0	0	1
en_ADHI_Full_2016.txt	ADHI	2016	1622	10.81	34.29	11,326	1	1	0	98



## ANALISIS TEKSTUAL DAN KONTEN LAPORAN TAHUNAN

### Hasil Analisis Dokumen

[Download Hasil Analisis Dokumen – Bahasa Indonesia](#)

aset	FowardLooking	Laba	location	MasaDepan	MasaLalu	negatif	Negatif_(1)	organization	person	positif	Kata	Terdaftar
33	121	86	106	8	3	229	298	326	205	2	10230	4
69	569	233	435	44	6	603	1053	1557	432	11	29226	

Untuk melihat file-file yang pernah dianalisis, klik history.

## ANALISIS TEKSTUAL DAN KONTEN LAPORAN TAHUNAN

Upload File

Document Analysis

History

Upload Keyword List

### UPLOAD FILE

[+ Add files...](#) [Start upload](#) [Cancel upload](#)

#### Keterangan

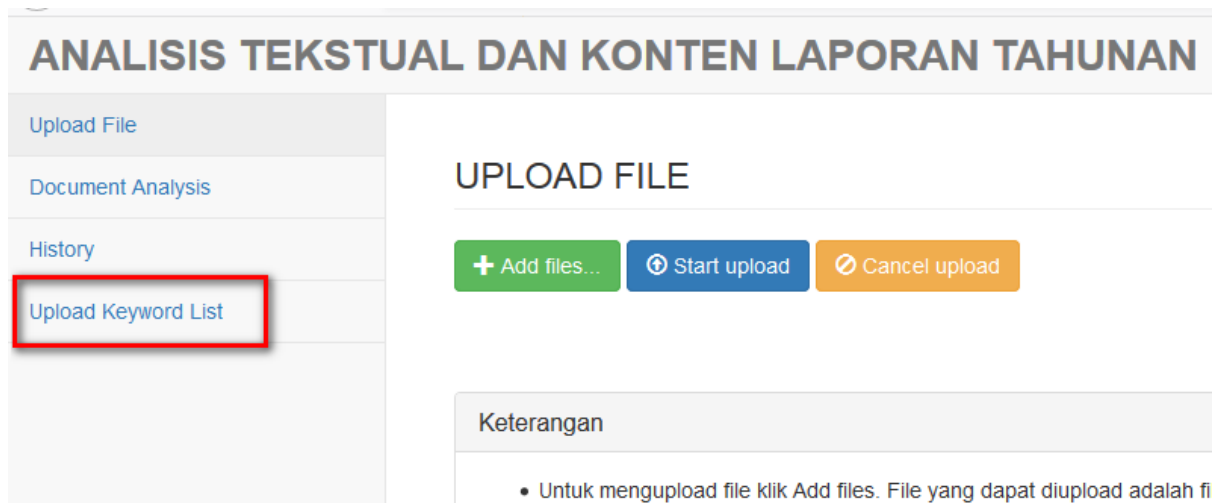
- Untuk mengupload file klik Add files. File yang dapat diupload adalah file
- Klik Start upload untuk memulai proses unggah dokumen ke server agar
- Klik Document Analysis untuk memulai analisis konten dan tekstual.
- Klik NER Analysis untuk melakukan analisis Name Entity Recognition.

## History

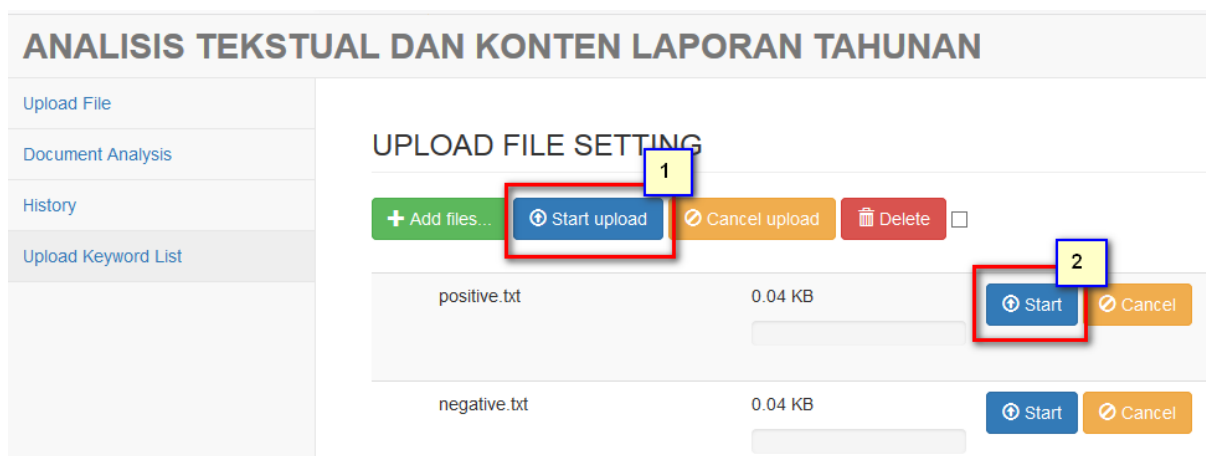
### Daftar File Text

Nama File	Date Modified	Size
<a href="#">en_ADES_Full_2016.txt</a>	July 27 2019 07:02:03	99
<a href="#">en_ADHI_Full_2016.txt</a>	July 27 2019 07:02:06	11,326
<a href="#">ind_ADES_Full_2016.txt</a>	July 27 2019 07:02:03	84,482
<a href="#">ind_ADHI_Full_2016.txt</a>	July 27 2019 07:02:06	247,591

Untuk upload daftar kata yang akan digunakan untuk analisis konten klik Upload Keyword List, file yang diupload harus berbentuk \*.TXT.



File yang dapat diupload adalah file \*.TXT, untuk mengupload klik Add files, setelah itu klik upload.



Untuk mengupload semua file daftar kata klik Start upload (No. 1), untuk mengupload satu per satu file klik Start (No. 2).

## LISTING PROGRAM

### Sistem Informasi Analisis Konten (SInten)

Oleh: Julianto Agung Saputro

```
-----  
-  
  
<?php if ( ! defined( 'BASEPATH' ) ) {  
    exit( 'No direct script access allowed' );  
}  
class Readlap extends CI_Controller {  
    /**  
     * Index Page for this controller.  
     *  
     * Maps to the following URL  
     *      http://example.com/index.php/welcome  
     *    - or -  
     *      http://example.com/index.php/welcome/index  
     *    - or -  
     * Since this controller is set as the default controller in  
     * config/routes.php, it's displayed at http://example.com/  
     *  
     * So any other public methods not prefixed with an underscore  
will  
     * map to /index.php/welcome/<method_name>  
     * @see http://codeigniter.com/user_guide/general/urls.html  
     */  
    var $path = array();  
    public function __construct() {  
        parent::__construct();  
//        $this->load->helper( 'url' );  
        $this->load->helper( 'form' );  
        $this->load->library( 'javascript' );  
        $this->load->model( 'readtext' );  
    }  
    public function index() {  
//        $id_session    = $this->session->session_id;  
        $id_session    = DIR_PATH;  
        $templatePath = './savetxt/' . $id_session . '/';  
        if ( is_dir( $templatePath ) ) {  
            $files = scandir( $templatePath );  
            foreach ( $files as $file ) {  
                if ( is_file( $templatePath . '/' . $file ) )  
{  
                    unlink( $templatePath . '/' . $file );  
                }  
            }  
        }  
        $this->load->view( 'templates/header' );  
        $this->load->view( 'upload' );  
        $this->load->view( 'templates/footer' );  
        /*  
        $this->session->unset_userdata('table_result');
```

```

        $data['library_src'] = $this->jquery->script();
        $data['library_src'] .= $this->jquery->script( base_url()
. 'public/js/jquery-ui.min.js' );
        $data['library_src'] .= $this->jquery->script( base_url()
. 'public/js/jquery.form.js' );
        $data['library_src'] .= $this->jquery->script( base_url()
. 'public/js/jquery.serializeObject.min.js' );
        $data['library_src'] .= $this->jquery->script( base_url()
. 'public/js/pdf.js' );
        $data['library_src'] .= $this->jquery->script( base_url()
. 'public/js/require.js' );
        $data['library_src'] .= $this->jquery->script( base_url()
. 'public/js/pdf.worker.js' );
        $data['script_head'] = $this->jquery->_compile();
        $data['judul']      = $this->config->item(
'aplikasiname' );
        $this->load->view( 'upload', $data );*/
    }
    public function upload_setting_index() {
//        $id_session    = $this->session->session_id;
        $id_session    = DIR_PATH;
        $templatePath = './savetxt/' . $id_session . '/';
        if ( is_dir( $templatePath ) ) {
            $files = scandir( $templatePath );
            foreach ( $files as $file ) {
                if ( is_file( $templatePath . '/' . $file ) )
{
                    unlink( $templatePath . '/' . $file );
                }
            }
        }
        $this->load->view( 'templates/header' );
        $this->load->view( 'upload_setting' );
        $this->load->view( 'templates/footer' );
    }

//    public function testreadpdf(){
//        include APPPATH . "/third_party/vendor/autoload.php";
//        $parser = new \Smalot\PdfParser\Parser();
//        $pdf    = $parser->parseFile( $this->filename );
//
//        $pdf = $parser->parseFile( 'slip_gaji.pdf' );
//        $text = $pdf->getText();
//        echo $text;
//        $this->pages = $pdf->getPages();
//        foreach ( $this->pages as $page ) {
//            echo $page->getText();
//        }
//        var_dump($pdf);
//    }
//    public function oldindex() {
//        echo "Test Membaca PDF ke Text";
//        $this->load->helper( 'pdf2text' );
//        $filename = "./pdf/lap2.pdf";

```



```

//          $text      = pdf2text( $filename );
//          echo $text;
//      }
//      function testword() {
//          $this->readtext->filename = "../pdf/astra.docx";
//          $this->readtext->readWord();
//          $this->readtext->filter();
//          echo $this->readtext->text_len;
//      }
//      function testsi() {
//          $this->readtext->initsilabi();
//          echo $this->readtext->countsilabiword( 'Beberapa orang
yang' );
//      }
//      function countword() {
//          $this->readtext->initsilabi();
//          echo $this->readtext->countwordsilabi( 'Beberapa orang
yang' );
//      }
//      function testlang() {
//          //$this->readtext->loadlang();
//          $teks = "Sebelumnya, Ketua Dewan Pembina GNPf MUI Habib
Rizieq Syihab menyebut akan menggelar doa bersama pada 11 Februari
2017. Menurut Rizieq, aksi tersebut dimaksudkan untuk keamanan
pilkada di Jakarta.";
//          echo $teks;
//          for ( $i = 0; $i < 4000; $i ++ ) {
//              echo "<br>$i -" . $this->readtext->ceklang( $teks );
//          }
//      }
//      function gettextfrompdf() {
//          $berkas          = json_decode( $this->input-
>post( 'isian' ) );
//          $this->readtext->gofilter = ( isset( $berkas->filter ) ?
true : false );
//          $this->readtext->text      = $this->input->post( "isi" );
//          $this->readtext->filename = $this->input->post(
"filename" );
//          $this->readtext->gettextpdf();
//          $this->readtext->statistik();
//      }
//      public function dokumen() {
//          echo DIR_PATH;
//          $path_upload = realpath(BASEPATH..'../upload/').'/';
//          $this->load->library( 'table' );
//          $this->load->view( 'templates/header' );
//          $dir          = array( '/savetxt/' );
//          $data_push    = [];
//          $head         = array(
//              "Nama File",
//              "Kode Emiten",
//              "Tahun",
//              "Jumlah Kata",
//              "Fog Index",
//              "Kincaid Index",
//              "LoughranBill",

```

```

//          "Kata"  #bikin error
);
$this->load->helper( 'directory' );
$this->load->helper( 'file' );
$map      = directory_map( 'textsetting/' );
$lstcol   = array();
foreach ( $map as $file ) {
    $namecol = substr( $file, 0, - 4 );
    array_push( $lstcol, $namecol );
}
$ditab = uniqid();
foreach ( $lstcol as $kol ) {
    array_push( $head, $kol );
}
array_push( $head, 'Kata Belum Terdaftar' );
//$this->table->set_template(array('table_open'=>'<table
class="lapku" cellpadding="0" cellspacing="0" border="0">'));
$tpl = array(
    'table_open'          => '<table width="100%"
class="table table-striped table-bordered table-hover"
id="dataTables-example">',
    'heading_row_start'   => '<tr>',
    'heading_row_end'     => '</tr>',
    'heading_cell_start'  => '<th>',
    'heading_cell_end'    => '</th>',
    'row_start'           => '<tr class="rw">',
    'row_end'             => '</tr>',
    'cell_start'          => '<td style="word-wrap:
break-word;">',
    'cell_end'            => '</td>',
    'row_alt_start'       => '<tr>',
    'row_alt_end'         => '</tr>',
    'cell_alt_start'      => '<td>',
    'cell_alt_end'        => '</td>',
    'table_close'         => '</table>'
);
$this->table->set_template( $tpl );
$this->table->set_heading( $head );
// $id_session   = $this->session->session_id;
$id_session   = DIR_PATH;
$path         = 'savetxt/' . $id_session . '/';
$templatePath = realpath( BASEPATH . '/../' . $path );
// echo $templatePath;
$data['data_'] = array();
$ind          = $en = [];
if ( $templatePath !== false ) {
    $files = scandir( $path );
    foreach ( $files as $file ) {
        if ( is_file( $templatePath . '/' . $file ) )
        {
            $filepath = pathinfo( $templatePath . '/'
. $file );
            if ( $filepath['extension'] != 'txt' ) {
                continue;
            }
        }
    }
}

```

```

$filepath['filename'];
$filepath['extension'];
$templatePath . '/' . $file;
$this->readtext->filename_short =
$this->readtext->filename_ext =
$this->readtext->filename =
$this->readtext->readTxt();
$data_stat = $this->readtext-
>statistik();
if ( strpos( $this->readtext-
>filename_short, 'en_' ) === 0 ) {
    $en[] = $data_stat['hasil'];
}
if ( strpos( $this->readtext-
>filename_short, 'ind_' ) === 0 ) {
    $ind[] = $data_stat['hasil'];
}
//
$this->table->add_row(
$data_stat['hasil'] );
//
$data_push[ md5( $this->readtext-
>filename_short .
//
$this->readtext-
>filename_ext ) ] =
//
[
//
    'statistik' =>
    $data_stat['statistik'],
    'statistikb' =>
    $data_stat['statistikb'],
    'kalimat' =>
    $data_stat['kalimat']
//
];
$table_stat = "<thead><tr><th>";
$table_stat .= implode( '</th><th>', [
'Kata', 'Count' ] );
$table_stat .=
"</th></tr></thead><tbody>";
foreach ( $data_stat['statistik'] as $key
=> $row ) {
//
    array_map( 'htmlentities', $row );
    $table_stat .=
"<tr><td>$key</td><td>$row</td></tr>";
}
$table_stat .= "</tbody>";
$html_stat = '<html><body><table>' .
$table_stat . '</table></body></html>';
$table_statb = "<thead><tr><th>";
$table_statb .= implode( '</th><th>', [
'Kata', 'Count' ] );
$table_statb .=
"</th></tr></thead><tbody>";
foreach ( $data_stat['statistikb'] as
$key => $row ) {
//
    array_map( 'htmlentities', $row );
    $table_statb .=
"<tr><td>$key</td><td>$row</td></tr>";
}

```

```

        $table_statb .= "</tbody>";
        $html_statB = '<html><body><table>' .
$table_statb . '</table></body></html>';
        file_put_contents( $templatePath . '/' .
'wcd_' . $this->readtext->filename_short . '.xls', $html_stat );
        file_put_contents( $templatePath . '/' .
'wcdb_' . $this->readtext->filename_short . '.xls', $html_statB );
    }
}
//      $data['data_'] = $data_push;
    }
    $data['table_en'] = $this->table->generate( $en );
    $this->table->set_heading( $head );
    $data['table_ind'] = $this->table->generate( $ind );
    if ( $templatePath !== false ) {
        $html = '<html><body>' . $data['table_ind'] .
'</body></html>';
        file_put_contents( $templatePath . '/' .
'dokumen_html_ind.xls', $html );
        $html = '<html><body>' . $data['table_en'] .
'</body></html>';
        file_put_contents( $templatePath . '/' .
'dokumen_html_en.xls', $html );
    }
    $this->load->view( 'dokumen', $data );
    $this->load->view( 'templates/footer' );
}
public function history() {
//      $path_upload = realpath(BASEPATH.'../upload/').'/';
    $this->load->library( 'table' );
    $this->load->view( 'templates/header' );
    $dir      = array( '/savetxt/' );
    $data_push = [];
    $head      = array(
        "Nama File",
        "Date Modified",
        "Size",
    );
    $this->load->helper( 'directory' );
    $this->load->helper( 'file' );
    // $this->table->set_template(array('table_open'=>'<table
class="lapku" cellpadding="0" cellspacing="0" border="0">'));
    $tmpl = array(
        'table_open'      => '<table width="100%"
class="table table-striped table-bordered table-hover"
id="dataTables-example">',
        'heading_row_start' => '<tr>',
        'heading_row_end'   => '</tr>',
        'heading_cell_start' => '<th>',
        'heading_cell_end'   => '</th>',
        'row_start'         => '<tr class="rw">',
        'row_end'           => '</tr>',
        'cell_start'        => '<td>',
        'cell_end'          => '</td>',
        'row_alt_start'     => '<tr>',
        'row_alt_end'       => '</tr>',
    );
}

```



```

        'cell_alt_start'      => '<td>',
        'cell_alt_end'        => '</td>',
        'table_close'         => '</table>'
    );
    $this->table->set_template( $tmpl );
    $this->table->set_heading( $head );
    $path          = 'savetxt/';
    $templatePath = realpath( BASEPATH . '/../' . $path );
    $files          = scandir( $path );
    foreach ( $files as $file ) {
        if ( is_file( $templatePath . '/' . $file ) ) {
            $filepath = pathinfo( $templatePath . '/' .
$file );
            if ( $filepath['extension'] != 'txt' ) {
                continue;
            }
            $time = filemtime( $templatePath . '/' . $file
);
            $this->table->add_row( array(
                '<a href="' . base_url() . 'savetxt/' .
$file . '>' . $file . '</a>',
                date( "F d Y H:i:s", $time ),
                '<a href="' . base_url() . 'clean/' .
$file . '>' . number_format( filesize( './clean/' . $file ) ) .
'</a>',
            ) );
        }
    }
    $data['table'] = $this->table->generate();
    $this->load->view( 'history', $data );
    $this->load->view( 'templates/footer' );
}
public function learning() {
    /*
    * java -cp stanford-ner/stanford-ner.jar
edu.stanford.nlp.process.PTBTOKENIZER train20.txt > train20.tok
    * perl -ne 'chomp; print "$_\tO\n"' train20.tok >
train20.tsv
    * java -cp stanford-ner/stanford-ner.jar
edu.stanford.nlp.ie.crf.CRFClassifier -trainFile train20.tsv -
serializeTo ner-model.ser.gz -prop train.prop
    */
    $this->load->view( 'templates/header' );
    //
    $result = array();
    //
    $fp = fopen(realpath( BASEPATH . '../stanford-
ner/KAMUS.csv' ), 'r');
    //
    $row = 0;
    //
    while (($line = fgetcsv($fp, 0, "\t")) !== FALSE) if
($line) {
    //
        $result[$line[0]] = $line[1];
    //
        $row++;
    //
    }
    //
    fclose($fp);
    //
    var_dump($result);
    $this->load->view( 'learning' );
}

```

```

        $this->load->view( 'templates/footer' );
    }
    public function nerstat() {
//        $path_upload = realpath(BASEPATH.'../upload/').'/';
        $this->load->library( 'table' );
        $this->load->view( 'templates/header' );
        $dir          = array( '/txtasli/' );
        $id_session    = DIR_PATH;
        $path          = 'txtasli/' . $id_session . '/';
        $templatePath = realpath( BASEPATH . '/../' . $path );
        $data_push     = [];
        $head          = array(
            "Nama File",
            "PERSON",
            "LOCATION",
            "ORGANIZATION",
        );
        $this->load->helper( 'directory' );
        $this->load->helper( 'file' );
        // $this->table->set_template(array('table_open'=>'<table
class="lapku" cellpadding="0" cellspacing="0" border="0">'));
        $tmpl = array(
            'table_open'          => '<table width="100%"
class="table table-striped table-bordered table-hover"
id="dataTables-example">',
            'heading_row_start'   => '<tr>',
            'heading_row_end'     => '</tr>',
            'heading_cell_start'  => '<th>',
            'heading_cell_end'    => '</th>',
            'row_start'           => '<tr class="rw">',
            'row_end'              => '</tr>',
            'cell_start'          => '<td>',
            'cell_end'             => '</td>',
            'row_alt_start'       => '<tr>',
            'row_alt_end'         => '</tr>',
            'cell_alt_start'      => '<td>',
            'cell_alt_end'        => '</td>',
            'table_close'         => '</table>'
        );
        $this->table->set_template( $tmpl );
        $this->table->set_heading( $head );
        $files = scandir( $templatePath );
//        $pos = new \StanfordTagger\CRFClassifier;
//        $pos->setJarArchive( realpath( BASEPATH . '../stanford-
ner/stanford-ner.jar' ) );
//        $pos->setClassifier( realpath( BASEPATH . '../stanford-
ner/classifiers/ner-model.ser.gz' ) );
//        $pos->setOutputFormat(
\StanfordTagger\CRFClassifier::OUTPUT_FORMAT_SLASH_TAGS );
//        $ind = $en = [];
        $kamus = array();
        $fp     = fopen( realpath( BASEPATH . '../stanford-
ner/KAMUS.csv' ), 'r' );
        $row    = 0;
        while ( ( $line = fgetcsv( $fp, 0, "\t" ) ) !== false ) {
            if ( $line ) {

```

```

        $kamus[ $line[0] ] = $line[1];
        $row ++;
    }
}
fclose( $fp );
foreach ( $files as $file ) {
    if ( is_file( $templatePath . '/' . $file ) ) {
        $filepath = pathinfo( $templatePath . '/' .
$file );
        if ( $filepath['extension'] != 'txt' ) {
            continue;
        }
        $this->readtext->filename_short =
$filepath['filename'];
        $this->readtext->filename_ext   =
$filepath['extension'];
        $this->readtext->filename       =
$templatePath . '/' . $file;
        $this->text                     =
file_get_contents( $this->readtext->filename, true );
        $loc                           =
'\\/LOCATION/m';
        $per                           =
'\\/PERSON/m';
        $org                           =
'\\/ORGANIZATION/m';
        $arrper                        = $arrloc =
$arrorg = [];
        $xml                           = '';
        // $xml = $pos->tag( $this->text );
        foreach ( $kamus as $key => $val ) {
            $this->text = preg_replace( '\\b' . $key
. '\\b/', $key . '/' . $val, $this->text );
        }
        $xml = $this->text;
        preg_match_all( $per, $xml, $arrper,
PREG_SET_ORDER, 0 );
        preg_match_all( $loc, $xml, $arrloc,
PREG_SET_ORDER, 0 );
        preg_match_all( $org, $xml, $arrorg,
PREG_SET_ORDER, 0 );
        $id_session = DIR_PATH;
        if ( ! is_dir( './xml/' . $id_session . '/' )
) {
            mkdir( './xml/' . $id_session . '/',
0777, true );
        }
        $path = 'xml/' . $id_session . '/';
        write_file( $path . $this->readtext-
>filename_short . '.tag', $xml );
        $ind[] = [
            '<a href="' . base_url() . $path . $this-
>readtext->filename_short . '.tag' . '">' . $this->readtext-
>filename_short . '.tag' . '</a>'
            ,
            sizeof( $arrper ),

```

```

        sizeof( $arrloc ),
        sizeof( $arrorg )
    ];
    }
}
$data['table_ind'] = $this->table->generate( $ind );
if ( $templatePath !== false ) {
    $html = '<html><body>' . $data['table_ind'] .
'</body></html>';
    file_put_contents( $templatePath . '/' .
'ner_html.xls', $html );
}
$this->load->view( 'nerstat', $data );
$this->load->view( 'templates/footer' );
}
public function upload() {
//     echo 'test';
//     die();
    $path_upload = realpath( BASEPATH . '../upload/' ) . '/';
    require( APPPATH . "/third_party/UploadHandler.php" );
    $upload_handler = new UploadHandler( [
        'upload_dir'          => $path_upload,
        'upload_url'          => base_url() . 'upload/',
        'accept_file_types' => '/\.(docx|doc|pdf)$/i'
    ], false );
    $response = $upload_handler->post( true );
//     var_dump($response);
    foreach ( $response['files'] as $file ) {
        $filepath = pathinfo(
$path_upload . $file->name );
        $this->readtext->filename_short =
$filepath['filename'];
        $this->readtext->filename_ext =
$filepath['extension'];
        $this->readtext->filename = $path_upload .
$file->name;
        $this->readtext->readWord();
    }
    $upload_handler->generate_response( $response, true );
//     $response = $upload_handler->response;
//     $files = $response['files'];
//     $file_count = count($files);
//     for ( $c = 0; $c < $file_count; $c++ ) {
//         if ( isset($files[$c]->error) )
//             continue;
//         $type = $files[$c]->type;
//         $name = $files[$c]->name;
//         $url = $files[$c]->url;
//     }
}
public function upload_setting() {
//     echo 'test';
//     die();
    $path_upload = realpath( BASEPATH . '../textsetting/' ) .
'/' ;
    require( APPPATH . "/third_party/UploadHandler.php" );

```



```

        $upload_handler = new UploadHandler( [
            'upload_dir'          => $path_upload,
            'upload_url'          => base_url() . 'textsetting/',
            'accept_file_types' => '/\.(txt)$/i'
        ], false );
        $response          = $upload_handler->post( true );
//        var_dump($response);
        foreach ( $response['files'] as $file ) {
            $filepath          = pathinfo(
                $path_upload . $file->name );
            $this->readtext->filename_short =
                $filepath['filename'];
            $this->readtext->filename_ext   =
                $filepath['extension'];
            $this->readtext->filename       = $path_upload .
                $file->name;
//            $this->readtext->readWord();
        }
        $upload_handler->generate_response( $response, true );
//        $response = $upload_handler->response;
//        $files = $response['files'];
//        $file_count = count($files);
//        for ( $c = 0; $c < $file_count; $c++ ) {
//            if (isset($files[$c]->error))
//                continue;
//            $type = $files[$c]->type;
//            $name = $files[$c]->name;
//            $url = $files[$c]->url;
//        }
    }

    public function uploadner() {
//        echo 'test';
//        die();
        $path_upload = realpath( BASEPATH . '../uploadner/' ) .
            '/';

        require( APPPATH . "/third_party/UploadHandler.php" );
        $upload_handler = new UploadHandler( [
            'upload_dir'          => $path_upload,
            'upload_url'          => base_url() . 'uploadner/',
            'accept_file_types' => '/\.(txt)$/i'
        ], false );
        $response          = $upload_handler->post( true );
//        var_dump($response);
        foreach ( $response['files'] as $file ) {
            $filepath          = pathinfo(
                $path_upload . $file->name );
            $this->readtext->filename_short =
                $filepath['filename'];
            $this->readtext->filename_ext   =
                $filepath['extension'];
            $this->readtext->filename       = $path_upload .
                $file->name;
//            $this->readtext->readWord();
            $pos = new \StanfordTagger\CRFClassifier;
            $pos->setJarArchive( realpath( BASEPATH .
                '../stanford-ner/stanford-ner.jar' ) );

```

```

        $pos->setClassifier( realpath( BASEPATH .
'../stanford-ner/classifiers/ner-model.ser.gz' ) );
        $pos->setProp( realpath( BASEPATH . '../stanford-
ner/classifiers/train.prop' ) );
        $pos->learning( $this->readtext->filename );
    }
    $upload_handler->generate_response( $response, true );
//    $response = $upload_handler->response;
//    $files = $response['files'];
//    $file_count = count($files);
//    for ($c = 0; $c < $file_count; $c++) {
//        if (isset($files[$c]->error))
//            continue;
//        $type = $files[$c]->type;
//        $name = $files[$c]->name;
//        $url = $files[$c]->url;
//    }
}
function uploadfile() {
//    $berkas = json_decode( $this->input-
>post( 'input' ) );
//    $this->readtext->gofilter = ( isset( $berkas->filter ) ?
true : false );
    $this->readtext->gofilter = false;
//    $filesx = explode( "|", $berkas->lst );
    $filesx = array( 'file1' );
    $cfg['upload_path'] = $this->config->item( 'uploadpdf'
);

    $cfg['allowed_types'] = '*';
    $cfg['overwrite'] = true;
    $cfg['remove_spaces'] = true;
    $this->load->library( 'upload', $cfg );
    $this->path = array();
    for ( $i = 0; $i < count( $filesx ); $i ++ ) {
        if ( ! $this->upload->do_upload( $filesx[ $i ] ) ) {
//            echo json_encode(array("hasil" => "1"));
            $err = $this->upload->display_errors( '<div
id="error">', '</div>' );
            echo json_encode( array( "hasil" => $err ) );
        } else {
            $infof = $this->upload->data( $filesx[ $i ] );
            //alert("Upload Berhasil File
".$infof["file_name"]."(".$infof["file_size"]." .Kb)");
            //echo "<div>Upload Berhasil File
".$infof["file_name"]."(".$infof["file_size"]." .Kb)\n</div><BR>";
            array_push( $this->path, array(
$infof["file_name"], $infof["file_ext"] ) );
//            echo json_encode(array("hasil" =>
$infof["file_name"]));
        }
    }
    $this->prosesdoc();
//    die();
}
function prosesdoc() {
    foreach ( $this->path as $file ) {

```

```

        //echo '<br>Proses Pembacaan Dokumen '.$file[0]."-
".($this->readtext->gofilter ? "dengan membuang bahasa selain bahasa
indonesia.." : "tanpa filter..");
        if ( $file[1] == ".pdf" || $file[1] == ".txt" ) {
            //$this->readtext->filename="./pdf/".$file[0];
            //$this->readtext->readpdf();
            //$this->readtext->getallpages();
            //$this->readtext->statistik();
            echo json_encode( array( "hasil" => "Gunakan
Tombol Baca PDF/TXT" ) );
        } else if ( $file[1] == ".docx" ) {
            $this->readtext->filename_short = str_replace(
$file[1], '', $file[0] );
            $this->readtext->filename_ext    = $file[1];
            $this->readtext->filename        = "./pdf/" .
$file[0];

            $this->readtext->readWord();
            $this->readtext->statistik();
        } else {
            echo "Type File Tidak dikenal....<br>";
        }
    }

    function readpdf() {
        $this->readtext->filename = "./pdf/lap1.pdf";
        $this->readtext->readpdf();
        //$this->readtext->readpage(0);
        $this->readtext->getallpages();
        // echo $this->readtext->text;
    }

    function tes() {
        $this->readpdf();
        $this->readtext->statistik();
        //$this->readtext->text="mempercepat. 2015 pembangunan
332 mempercepat. yang ada di kalimantan serta menumbuhkan kepastian
hukum.";
        //$this->readtext->getsentences();
        //$this->readtext->tahunlap($this->readtext->text);
    }

    function semantic() {
        require( APPPATH . "/third_party/opencalais.php" );
        $apikey    = "ucYqGyQicZuXuseEBXOs0CfzIpAiJh9l5";
        $oc        = new OpenCalais( $apikey );
        $content    = "
        In order to realize our mission of playing a key role in
spurring Indonesiaâ€™s long-term economic growth, we at Bank Mandiri
make every effort to consistently working for Indonesia. This
involves a determination to make Bank Mandiri the bank with the best
financial and operational performance, and to provide the greatest
possible contribution to society and the environment. Our dream is a
bank that can give the best to all stakeholders in the form of
economic prosperity (profit), social wellbeing (people), and the
preservation of the environment (the planet) so that we can
contribute to the realization of a sustainable Indonesia.
";
        $entities = $oc->getEntities( $content );

```

```

        foreach ( $entities as $type => $values ) {
            echo "<b>" . $type . "</b>";
            echo "<ul>";
            foreach ( $values as $entity ) {
                echo "<li>" . $entity . "</li>";
            }
            echo "</ul>";
        }
    }
}

/* End of file welcome.php */
/* Location: ./application/controllers/welcome.php */

```

---

```

<?php if ( ! defined( 'BASEPATH' ) ) {
    exit( 'No direct script access allowed' );
}
/**
 * Eye View Design CMS module Ajax Model
 *
 * PHP version 5
 *
 * @category   CodeIgniter
 * @package    EVD CMS
 * @author     Frederico Carvalho
 * @copyright  2008 Mentis 100Limites
 * @version    0.1
 */
class Readtext extends CI_Model {
    var $filename_short = "";
    var $filename_ext = "";
    var $filename = "";
    var $text = "";
    var $tahun = "";
    var $emiten = "";
    var $oritext = "";
    var $cleantext = "";
    var $baseword = "";
    var $lstcol = array();
    var $text_lid = "";
    var $text_len = "";
    var $textnodogit = "";
    var $minword = 10;
    var $minchar = 3;
    var $maxchar = 10;
    var $sentencelength = 30;
    var $gofilter = false;
    var $contkata = array();
    var $contkatapharse = array();
    var $sentencelist = array();
    var $kata_sudah_hitung = array();
    var $kata_belum_hitung = array();
    var $total_kata_belum_hitung = 0;
}

```

```

        var $dirDokArr = array( './savetxt/', './txtasli/',
        './upload/', './clean/', './xml/', './uploadner/' );
        function __construct() {
            foreach ( $this->dirDokArr as $dir ) {
                if ( ! is_dir( $dir ) ) {
                    mkdir( $dir, 0777, true );
                }
            }
            require( APPPATH . "/third_party/Sentence.php" );
            // Call the Model constructor
            parent::__construct();
            $this->loadlang();
            $this->initsilabi();
            //$this->load->database();
        }
        function readpdf() {
            include APPPATH . "/third_party/vendor/autoload.php";
            $parser = new \Smalot\PdfParser\Parser();
            // $pdf = $parser->parseFile( $this->filename );
            $pdf = $parser->parseFile(
            '/home/nove/DATA_D/xampp/htdocs/wraptxt/704416770600_171010.pdf' );
            // Retrieve all pages from the pdf file.
            $this->pages = $pdf->getPages();
            // Loop over each page to extract text.
            foreach ( $pages as $page ) {
                echo $page->getText();
            }
        }
        function readWordOLD() {
            $this->load->helper( 'word' );
            initword();
            $document = \PhpOffice\PhpWord\IOFactory::load( $this->filename );
            //print_r($document);
        }
        function readTxt() {
            $this->ftext = $this->filename_short . ".txt";
            $this->text = file_get_contents( $this->filename,
            true );
            $this->oritext = $this->text;
            $this->cleantext = $this->oritext;
            $this->cleantext = str_replace( '.', '', $this->cleantext
            );
        }
        function ExtractData( $obj, $nested = 0 ) {
            $txt = "";
            if ( method_exists( $obj, 'getSections' ) ) {
                foreach ( $obj->getSections() as $section ) {
                    $txt .= "\n" . self::ExtractData( $section,
                    $nested + 1 );
                }
            } else if ( method_exists( $obj, 'getElements' ) ) {
                foreach ( $obj->getElements() as $element ) {
                    $txt .= "\n" . self::ExtractData( $element,
                    $nested + 1 );
                }
            }
        }
    }

```

```

        } else if ( method_exists( $obj, 'getText' ) ) {
            $paragraphStyle = '?';
            if ( method_exists( $obj, 'getTextObject' ) ) {
                $tobj = $obj->getTextObject();
                $paragraphStyle = $tobj->getParagraphStyle()-
>getStyleName();
            }
            if ( get_class( $obj ) ==
"PhpOffice\PhpWord\Element\ListItem" && $obj->getDepth() < 51 ) {
//                $ndx = $obj->getElementIndex();
//                $ns = $obj->getStyle()->getNumStyle();
//                $ni = $obj->getStyle()->getNumId();
                #dd(['getText'=>$obj,
'get_class_methods'=>get_class_methods($obj),'getStyle'=>$obj-
>getStyle(),'styleMethods'=>get_class_methods($obj->getStyle())]);
                $txt .= "\n" . $obj->getText();//
                . "($ni:$ns) ($paragraphStyle)";
            } else {
                $txt .= "\n";
            }
        }
        return $txt;
    }

    function readWord() {
        $this->load->helper( 'file' );
        if ( $this->readtext->filename_ext == 'doc' || $this-
>readtext->filename_ext == 'docx' ) {
            $this->load->library( 'readwordppt' );
            $this->readwordppt->filename = $this->filename;
            $this->text = $this->readwordppt-
>convertToText();
        } elseif ( $this->readtext->filename_ext == 'pdf' ) {
            include APPPATH .
"/third_party/vendor/autoload.php";
            $parser = new \Smalot\PdfParser\Parser();
            $pdf = $parser->parseFile( $this->filename );
            $text = $pdf->getText();
            $this->text = $text;
        }
        $this->ftext = $this->filename_short . ".txt";
        $id_session = DIR_PATH;
        if ( ! is_dir( './txtasli/' . $id_session . '/' ) ) {
            mkdir( './txtasli/' . $id_session . '/', 0777, true
);
        }
        $path = 'txtasli/' . $id_session . '/';
//        $templatePath = realpath( BASEPATH . '/../' . $path );
        write_file( $path . $this->ftext, $this->text );
        $this->text = strtolower( $this->text );
//        $readerName = $this->filename_ext == 'doc' ? 'MsDoc' :
'Word2007';
//        $phpword = \PhpOffice\PhpWord\IOFactory::load( $this-
>filename, $readerName );
//        $objWriter = \PhpOffice\PhpWord\IOFactory::createWriter(
$phpword, 'HTML' );

```



```

//      $objWriter->save( './html/' . $this->filename_short .
'.html' );
//      $uploadedText = self::ExtractData($phpword);
//      $sections      = $phpword->getSections();
//      foreach ( $sections as $section ) {
//          $elements = $section->getElements();
//          foreach ( $elements as $element ) {
//              switch ( get_class( $element ) ) {
//                  case 'PhpOffice\PhpWord\Element\Text' :
//                      $uploadedText .= $element-
>getText();
//                      $uploadedText .= "\n";
//                      break;
//                  case 'PhpOffice\PhpWord\Element\TextRun'
:
//                      $textRunElements = $element-
>getElements();
//                      foreach ( $textRunElements as
$textRunElement ) {
//                          $uploadedText .=
$textRunElement->getText();
//                          $uploadedText .= "\n";
//                      }
//                      break;
//                  case
'PhpOffice\PhpWord\Element\TextBreak' :
//                      $uploadedText .= "\n";
//                      break;
//                  case 'PhpOffice\PhpWord\Element\Title' :
//                      $uploadedText .= $element-
>getText();
//                      $uploadedText .= "\n";
//                      break;
//                  case 'PhpOffice\PhpWord\Element\Title' :
//                      $uploadedText .= $element-
>getText();
//                      $uploadedText .= "\n";
//                      break;
//                  default :
//                      throw new Exception( 'Unknown class
type ' . get_class( $element ) );
//                  }
//                  if ( get_class( $element ) ===
'PhpOffice\PhpWord\Element\Text' ) {
//                      } else if ( get_class( $element ) ===
'PhpOffice\PhpWord\Element\TextRun' ) {
//                          $textRunElements = $element-
>getElements();
//                          foreach ( $textRunElements as
$textRunElement ) {
//                              $uploadedText .= $textRunElement-
>getText();
//                              $uploadedText .= ' ';
//                          }

```

```

//          } else if ( get_class( $element ) ===
'PhpOffice\PhpWord\Element\TextBreak' ) {
//          $uploadedText .= ' ';
//          } else {
//          throw new Exception( 'Unknown class type
' . get_class( $element ) );
//          }
//      }
//      $html = file_get_contents( './html/' . $this-
>filename_short . '.html' );
//      $string = $this->cleantag( $html );
//      $this->text = $string;
//      $this->oritext = $this->text;
//      $string = $this->oritext;
//      $arr = explode( PHP_EOL, $string
);

$string = $this->removedigitoneline( $string );
$string = $this->removeromanoneline( $string );
//      $string = $this->removeminchar( $string );
//      $string = $this->removemaxchar( $string );
//      $string = implode( PHP_EOL, $string
);
//      require( APPPATH . "/third_party/Sentence.php" );
//      preg_match_all( '/([^\.\!?\s]+)/', $string, $carl );
//      $Sentence = new Sentence;
//      // Split into array of sentences
//      $sentences = $Sentence->split( $string );
//      $t = new Trainer();
//      $t->setMaxNgrams( 9000 );
//      $t->learn();
//      $ld = new Language( [ 'en', 'id' ] );
//      $ld->setMaxNgrams( 9000 );
//      $en_arr = $id_arr = [];
//      foreach ( $sentences as $row ) {
//          $word_en = $word_id = [];
//          $words = explode( ' ', $row );
//          foreach ( $words as $word ) {
//              $arr = $ld->detect( $word )->bestResults()->close();
//              reset( $arr );
//              $first_key = key( $arr );
//              if ( $first_key == 'id' ) {
//                  $id_arr[] = $row;
//              } else if ( $first_key == 'en' ) {
//                  $en_arr[] = $row;
//              }
//          }
//          if ( count( $word_en ) > 0 ) {
//              $en_arr[] = implode( ' ', $word_en );
//          }
//          if ( count( $word_id ) > 0 ) {
//              $id_arr[] = implode( ' ', $word_id );
//          }
//      }
//      write_file( './sentence/' . $this->fext, implode( "\n",
$sentences ) );

```

```

        //$this->cleantext=$this->cleanteks($this->text);
// $string = $this->combinephrase( $string );
$string = $this->removecomma( $string );
$string = $this->justwordanddot( $string );
// $string          = $this->makeonelinebreak( $string );
$string          = $this->removeblank( $string );
$this->oritext = $string;
// if ( count( $en_arr ) > 0 ) {
//     write_file( './savetxt/en_' . $this->ftext, $string
);
// }
// if ( count( $id_arr ) > 0 ) {
//     write_file( './savetxt/id_' . $this->ftext, $string
);
// }
// $id_session = $this->session->session_id;
$id_session = DIR_PATH;
if ( ! is_dir( './savetxt/' . $id_session . '/' ) ) {
    mkdir( './savetxt/' . $id_session . '/', 0777, true
);
}
$this->text = $string;
$this->getsentencelist();
foreach ( $this->sentencelist as $kalimat ) {
    $lang = $this->ceklang( $kalimat );
//     echo $lang;
    if ( $lang == "ind" ) {
//         $this->text_lid.=" ".$kalimat.".";
        $id_arr[] = $kalimat;
//         echo 'ID : ' . $kalimat . PHP_EOL;
//         $this->sentencecount++;
    }
    if ( $lang == "en" ) {
//         $this->text_len .= " $kalimat.";
        $en_arr[] = $kalimat;
//         echo 'EN : ' . $kalimat . PHP_EOL;
    }
}
if ( count( $id_arr ) > 0 ) {
    $string_id = implode( ' ', $id_arr );
    write_file( './savetxt/' . $id_session . '/ind_' .
$this->ftext, $string_id );
    write_file( './savetxt/ind_' . $this->ftext,
$string_id );
    $this->cleantext = str_replace( '.', ' ', $string_id
);
    write_file( './clean/ind_' . $this->ftext, $this-
>cleantext );
}
if ( count( $en_arr ) > 0 ) {
    $string_en = implode( ' ', $en_arr );
    write_file( './savetxt/' . $id_session . '/en_' .
$this->ftext, $string_en );
    write_file( './savetxt/en_' . $this->ftext,
$string_en );

```

```

        $this->cleantext = str_replace( '.', '', $string_en
);
        write_file( './clean/en_' . $this->ftext, $this-
>cleantext );
    }
    //      $this->filesizeindex = number_format( filesize(
'./savetxt/' . $this->ftext ) ) . "";
    //      $this->saveasliteks( $this->oritext );
    //      $this->cleantext = $this->oritext;
    //      $this->filesizeindex = number_format( filesize(
'./clean/id_' . $this->ftext ) ) . "";
    }
    function readpage( $page = 0 ) {
        $this->text      = $this->pages[ $page ]->getText();
        $this->oritext    = $this->text;
        $this->cleantext = $this->cleanteks( $this->text );
    }
    function getallpages() {
        $this->text = "";
        foreach ( $this->pages as $page ) {
            $this->text .= $page->getText();
        }
        $this->oritext    = $this->text;
        $this->cleantext = $this->cleanteks( $this->text );
    }
    function gettextpdf() {
        $this->cleantext = $this->cleanteks( $this->text );
    }
    function getkatadasar( $text = "" ) {
        include APPPATH .
'/third_party/vendorsastrawi/autoload.php';
        // create stemmer
        // cukup dijalankan sekali saja, biasanya didaftarkan di
service container
        $stemmerFactory = new \Sastrawi\Stemmer\StemmerFactory();
        $stemmer        = $stemmerFactory->createStemmer();
        return $stemmer->stem( $text );
    }
    function initsilabi() {
        /*
        Syllable class reference

```

The following is an incomplete list, containing only the most common methods. For a complete documentation of all classes, read the generated PHPDoc.

```
public static __construct( $language = 'en', $hyphen = null )
```

Create a new Syllable class, with defaults

```
public static setCacheDir( $dir )
```

Set the directory where compiled language files may be stored. Default to the cache subdirectory of the current directory.

```
public static setLanguageDir( $dir )
```

Set the directory where language source files can be found. Default to the languages subdirectory of the current directory.

```

public setLanguage( $language )

Set the language whose rules will be used for hyphenation.
public setHyphen( Mixed $hyphen )

Set the hyphen text or object to use as a hyphen marker.
public array splitWord( $word )

Split a single word on where the hyphenation would go.
public array splitText( $text )

Split a text on where the hyphenation would go.
public string hyphenateWord( $word )

Hyphenate a single word.
public string hyphenateText( $text )

Hyphenate all words in the plain text.
public string hyphenateHtml( $html )

Hyphenate all readable text in the HTML, excluding HTML tags
and attributes.
public array histogramText( $text )

Count the number of syllables in the text and return a map
with syllable count as key and number of words for that syllable
count as the value.
public integer countWordsText( $text )

Count the number of words in the text.
public integer countPolysyllablesText( $text )

Count the number of polysyllables in the text.
*/
require_once( APPPATH .
'third_party/syllable/classes/autoloader.php' );
$languages      = array( 'id' => 'Indonesian' );
$this->syllable = new Syllable( 'id' );
$this->syllable->getCache()->setPath( APPPATH .
'third_party/syllable/cache' );
$this->syllable->getSource()->setPath( APPPATH .
'third_party/syllable/languages' );
}
function countsilabi( $word = "" ) {
    return count( $this->syllable->splitText( $word ) );
}
function countwordsilabi( $teks = "" ) {
    return $this->syllable->countWordsText( $teks );
}
function countsilabiword( $teks = "" ) {
    return count( $this->syllable->splitWord( $teks ) ) + 1;
}
function init() {
    //if(!$this->gofilter){
    $this->kata_belum_hitung      = [];
    $this->kata_sudah_hitung     = [];

```

```

        $this->total_kata_belum_hitung = 0;
        $this->getword( $this->cleantext );
//        $this->getword($this->text);
        $this->getsentences( $this->text );
        //}
//    else{
//        $this->filter();
//    }

    $this->getkomplek();
    //$this->katadasar=$this->getkatadasar($this->cleantext);
    $this->katadasar = $this->cleantext;
//    $this->contkata = array_count_values( explode( " ",
$this->cleantext ) );
    $this->contkata = array_count_values( explode( " ",
        str_replace( "\r\n", " ", $this->cleantext ) ) );
    unset( $this->contkata[' ' ] );
    foreach ( $this->contkata as $key => $val ) {
        if ( strlen( $key ) == 1 ) {
            unset( $this->contkata[ $key ] );
        }
    }
}

function proses() {
    $this->init();
    $this->tahunlap();
    $this->kodeemiten();
    $this->getfogindex();
    $this->getkincaid();
    //load identitas laporan
    $this->gettextsetting();
    $this->savesizeteks();
    $this->getsentencelist();
    $this->hitungkatalain();
}

function hitungkatalain() {
    $this->contkatapharse = array_count_values( explode( " ",
        str_replace( "\r\n", " ", $this->katadasar ) ) );
    unset( $this->contkatapharse[' ' ] );
    foreach ( $this->contkatapharse as $key => $val ) {
        if ( strlen( $key ) == 1 ) {
            unset( $this->contkatapharse[ $key ] );
        }
    }
    $this->kata_belum_hitung = $this->
>array_remove_keys( $this->contkatapharse, $this->kata_sudah_hitung
);
    $this->total_kata_belum_hitung = array_sum( array_values(
$this->kata_belum_hitung ) );
//    $kalimat = $this->cleantext;
//    $kalimat = str_replace( $this->
>kata_sudah_hitung, '', $kalimat );
//    $this->total_kata_belum_hitung = 0;
//    while ( count( explode( ' ', $kalimat ) ) > 0 ) {
//        $first = strtok( $kalimat, " " );
//        $first = trim( $first );
//        if ( $first == null ) {

```

```

//                continue;
//            }
//            $cari = array();
//            preg_match_all( '/' . $first . ' /', $kalimat,
$cari );
//            $jml                = count( $cari[0]
);
//            $this->kata_belum_hitung[ $first ] = $jml;
//            $this->total_kata_belum_hitung     += $jml;
//            $kalimat                         = str_replace(
$first, '', $kalimat );
//            $kalimat                         = trim( $kalimat
);
//            if ( $kalimat == null ) {
//                break;
//            }
//        }
}
function array_remove_keys( $array, $keys ) {
    // array_diff_key() expected an associative array.
    $assocKeys = array();
    foreach ( $keys as $key ) {
        $assocKeys[ $key ] = true;
    }
    return array_diff_key( $array, $assocKeys );
}
function gettextsetting() {
    $this->load->helper( 'directory' );
    $this->load->helper( 'file' );
    $map          = directory_map( './textsetting/' );
    $this->lstcol   = array();
    $this->katadasar = $this->combinephrase( $this->katadasar
);
    foreach ( $map as $file ) {
        $namecol      = substr( $file, 0, - 4 );
        $namecolcount = $namecol . "count";
        array_push( $this->lstcol, $namecol );
        $pattern      = file_get_contents(
'./textsetting/' . $file );
        $this->$namecol = explode( "\n", $pattern );
        foreach ( $this->$namecol as $key => $row ) {
            if ( trim( $row ) == null ) {
                unset( $this->$namecol[ $key ] );
            }
        }
        $this->kata_sudah_hitung = array_merge( $this->
kata_sudah_hitung, $this->$namecol );
        $this->$namecolcount     = $this->sensorword( $this->
$namecol );
    }
    $this->kata_sudah_hitung = array_map( 'trim', $this->
kata_sudah_hitung );
}
function gettextphrase() {
    $this->load->helper( 'directory' );
    $this->load->helper( 'file' );

```



```

        $pattern      = read_file( './pharse/setting.txt' );
        $this->phrase = explode( "\n", $pattern );
    }
    function readmytext() {
        $this->load->helper( 'directory' );
        $this->load->helper( 'file' );
        $this->text      = read_file( $this->filename );
        $this->cleantext = $this->cleanteks( $this->text );
    }
    function tahunlap() {
        $re = '/\d{4}/';
        preg_match( $re, $this->filename_short, $matches,
PREG_OFFSET_CAPTURE, 0 );
        if ( count( $matches ) > 0 ) {
            $this->tahun = $matches[0][0];
        }
    }
    function kodeemiten() {
        $re = '/^(ind|en)_(\w{4})/';
        preg_match( $re, $this->filename_short, $matches,
PREG_OFFSET_CAPTURE, 0 );
        if ( count( $matches ) == 3 ) {
            $this->emiten = $matches[2][0];
        }
    }
    function sensorword( $text = array() ) {
        $jum = 0;
        foreach ( $text as $kata ) {
            $kata = trim( $kata );
            $cari = array();
            preg_match_all( '/\b' . $kata . '\b/', $this->katadasar, $cari );
            if ( count( $cari[0] ) > 0 ) {
                foreach ( $cari[0] as $kol ) {
                    if ( ! empty( $kol ) ) {
                        $jum ++;
                    }
                }
            }
        }
        $count = str_word_count( $this->katadasar, 0, $kata );
        if ( $count > 0 ) {
            $jum ++;
        }
    }
    return $jum;
}
function getword( $string = "" ) {
    $this->wordlist = str_word_count( $string, 2 );
    //print_r($this->wordlist);
    //$this->silabcount=$this->countsilabiword($this->text);
    $this->silabcount = 0;
    foreach ( $this->wordlist as $kata ) {
        $this->silabcount += $this->countsilabiword( $kata );
    }
}

```

```

        // $this->silabiconcount+=$this->countwordsilabi($kata);
        $this->wordcount = count( $this->wordlist );
    }
    function savesizeteks() {
        //$this->infofile=array();
        $this->load->helper( 'file' );
        // $this->ftext="TEKS-".uniqid().".txt";
        // write_file( './savetxt/' . $this->ftext, $this->cleantext
    );
        $this->filesizeindex = number_format( filesize(
        './clean/' . $this->ftext ) ) . "";
    }
    function saveasliteks( $string = "" ) {
        //$this->infofile=array();
        $this->load->helper( 'file' );
        $this->ftext = $this->filename_short . ".txt";//"TEKS-
        ".uniqid().".txt";
        write_file( './savetxt/' . $this->ftext, $string );
        $this->filesizeindex = number_format( filesize(
        './savetxt/' . $this->ftext ) ) . "";
    }
    function cleanteks( $string = "" ) {
        $string = $this->combinephrase( $string );
        $string = $this->removeminchar( $string );
        //$string=$this->removemaxchar($string);
        $string = $this->cleantag( $string );
        $string = $this->removedigit( $string );
        $string = $this->mustbeA( $string );
        $string = $this->removekatasambung( $string );
        $string = $this->removeelchar( $string );
        $string = $this->removeblank( $string );
        return $string;
    }
    function combinephrase( $string = "" ) {
        $this->gettextphrase();
        foreach ( $this->phrase as $pr ) {
            $replace = str_replace( " ", "", $pr );
            $patt     = '/' . trim( $pr ) . '/';
            $string    = preg_replace( $patt, "$replace", $string,
- 1 );
        }
        return $string;
    }
    function justwordanddot( $string = "" ) {
        $all_words = [];
        preg_match_all( '/\b[a-z]+\b\.\s*/m', $string,
        $all_words );
        return implode( ' ', $all_words[0] );
    }
    function makeonelinebreak( $string = "" ) {
        return preg_replace( '/(\R){2,}/m', "\n", $string );
    }
    function mustbeA( $string = "" ) {
        return preg_replace( '/[^\. A-Za-z]/', '', $string );
    }
    function removeminchar( $string = "" ) {

```

```

        return preg_replace( "/\b[a-z]{1,$this->minchar}\b/u",
'', $string );
    }
    function removemaxchar( $string = "" ) {
        return preg_replace( "/\b[a-z]{1,$this->maxchar}\b/u",
'', $string );
    }
    function remove1char( $string = "" ) {
        return preg_replace( "@\b[a-z]\b ?@i", "", $string );
    }
    function removeblank( $string = "" ) {
        return preg_replace( '/\s{2,}/m', ' ', $string );
    }
    function removecomma( $string = "" ) {
        return preg_replace( '/\,+/m', ' ', $string );
    }
    function cleantag( $string = "" ) {
        //remove tag <>
        $string = html_entity_decode( $string );
//        if ( is_array( $string ) ) {
//            foreach ( $string as $line ) {
//                $line = html_entity_decode( $line );
//            }
//        }
        return preg_replace( '/<[^>]+>/m', '', $string );
    }
    function removekatasambung( $string = "" ) {
        return preg_replace( '/ dan | ke | di | yang /', '',
$string );
    }
    function removedigit( $string = "" ) {
//        return preg_replace( '/(%|$_Rp|\r|\n|\t|[0-9]|[\.])/','',$string );
//        $string = preg_replace( '/^\d+\s*$/','',$string );
        return preg_replace( '/(%|$_Rp|\d+)/','',$string );
    }
    function removedigitoneline( $string = "" ) {
        return preg_replace( '/^[ \d .]*\s*$/m','',$string );
    }
    function removeromanoneline( $string = "" ) {
        return preg_replace(
'/^M{0,4}(CM|CD|D?C{0,3})(XC|XL|L?X{0,3})(IX|IV|V?I{0,3})\s*$/m',
'', $string );
    }
    function removedigitdotcomma( $string = "" ) {
        return preg_replace( '/(?<=\d),|([\.-
])|([R|r]p)|%|$_|\/(?=\d)/','',$string );
    }
    function getsentences( $string = "" ) {
//        preg_match_all( '/([^\.\!|\?]+)/', $string, $cari );
        $Sentence = new Sentence;
        // Split into array of sentences
        $sentences = $Sentence->split( $string );
        // Count the number of sentences
        $count = $Sentence->count( $string );
//        $this->sentencecount = count( $cari[0] );

```

```

        $this->sentencecount = $count;
    }
    function getfogindex() {
        if ( $this->sentencecount > 0 && $this->wordcount > 0 ) {
            $this->fogindex = number_format( 0.4 * ( $this->wordcount / $this->sentencecount ) + 100 * ( $this->komplekcount / $this->wordcount ), 2 );
        } else {
            $this->fogindex = 0;
        }
    }
    function getkincaid() {
        if ( $this->sentencecount > 0 && $this->wordcount > 0 ) {
            $this->kincaidindex = number_format( 0.39 * ( $this->wordcount / $this->sentencecount ) + 11.8 * ( $this->silabcount / $this->wordcount ) - 15.59, 2 );
        } else {
            $this->kincaidindex = 0;
        }
    }
    function getkomplek() {
        $simbuan = array(
            '/^ber(.*)i$/ ',
            '/^di(.*)an$/ ',
            '/^ke(.*)i$/ ',
            '/^ke(.*)an$/ ',
            '/^me(.*)an$/ ',
            '/^me(.*)an$/ ',
            '/^ter(.*)an$/ ',
            '/^per(.*)an$/ ',
        );
        $jum = 0;
        foreach ( $simbuan as $kata ) {
            $kata = trim( $kata );
            $cari = array();
            preg_match_all( $kata, $this->text, $cari );
            if ( count( $cari[0] ) > 0 ) {
                foreach ( $cari[0] as $kol ) {
                    if ( ! empty( $kol ) ) {
                        $jum ++;
                    }
                }
            }
        }
        $this->komplekcount = $jum;
    }
    function statistik() {
//        $id_session = $this->session->session_id;
        $id_session = DIR_PATH;
        $this->proses();
        $data = array(
            $this->filename_short . '.' . $this->filename_ext,
            $this->emiten,
            $this->tahun,

```

```

        '<a href="' . base_url() . '/savetxt/' . $id_session
        . '/wcd_' . $this->filename_short . '.xls "> ' . $this->wordcount .
        '</a>',

        $this->fogindex,
        $this->kincaidindex,
        $this->filesizeindex
    );
    foreach ( $this->lstcol as $kol ) {
        $namecolcount = $kol . "count";
        array_push( $data, $this->$namecolcount );
    }
    array_push( $data,
        '<a href="' . base_url() . '/savetxt/' . $id_session
        . '/wcd_' . $this->filename_short . '.xls "> ' . $this->
        >total_kata_belum_hitung . '</a>'
    );
    //
    echo json_encode( array(
    //
        "hasil"      => "<div class=\"oklap\">" . $this->
        >table->generate() . "</div>",
    //
        "statistik"  => $this->contkdata,
    //
        "kalimat"    => $this->sentencelist
    //
    ) );
    return array(
    //
        "hasil"      => "<div class=\"oklap\">" . $this->
        >table->generate() . "</div>",
        'hasil'      => $data,
        "statistik"  => $this->contkdata,
        "statistikb" => $this->kata_belum_hitung,
        "kalimat"    => $this->sentencelist
    );
}

function loadlang() {
    include APPPATH .
    "third_party/langdetect/classifier.php";
    $this->classifier = new NGramProfiles( APPPATH .
    "third_party/langdetect/etc/classifiers/full.dat" );
    if ( ! $this->classifier->exists() ) {
        $this->classifier->train( 'en', APPPATH .
        'third_party/langdetect/etc/data/english.raw' );
        $this->classifier->train( 'ind', APPPATH .
        'third_party/langdetect/etc/data/indonesian.raw' );
        $this->classifier->save();
    } else {
        $this->classifier->load();
    }
}

function getwordlist() {
    $this->wordlist = explode( ' ', $this->text );
}

function getsentencelist() {
    //remove digit
    $cari = [];
    //
    $nodigit = preg_replace( '/(%|$_Rp|\r|\n|\t)/', '',
    $this->text );
    preg_match_all( '/([^\.\!|\?]+\.)/', $this->text, $cari
);

```

```

        $clearsen = array();
        foreach ( $cari[0] as $sen ) {
//            if ( strlen( $sen ) > $this->sentencelength ) {
//                $jum = explode( ' ', $sen );
//                if ( count( $jum ) >= $this->minword ) {
                    array_push( $clearsen, $sen );
//                }
//            }
        }
        $this->sentencelist = $clearsen;
    }
    function ceklang( $text = "" ) {
//klasifikasi bahasa (inggris/indonesia)
        return $this->classifier->predict( $text, 40000 ); //
'en_US'
    }
    function filter() {
        //filter indonesia saja..bhs inggrisnya dibuang
        $this->getsentencelist();
        $this->wordind      = 0;
        $this->worden       = 0;
        $this->sentencecount = 0;
        $this->text_lid     = "";
        foreach ( $this->sentencelist as $kalimat ) {
            $lang = $this->ceklang( $kalimat );
            //if($lang=="id"){
            //$this->text_lid.=" ".$kalimat.".";
            //echo $kalimat;
            //$this->sentencecount++;
            //}
            //if($lang=="en")
            //    $this->text_len.=" $kalimat.";
        }
        $this->text      = $this->text_lid;
        $this->cleantext = $this->cleanteks( $this->text_lid );
        $this->getword( $this->cleantext );
    }
}

```

---

```

<div id="page-wrapper">
    <div class="row">
        <div class="col-lg-12">
            <h3 class="page-header">Hasil Analisis Dokumen</h3>
        </div>
        <!-- /.col-lg-12 -->
    </div>
    <!-- /.row -->
    <div class="row">
        <div class="col-lg-12">
            <div class="panel panel-default" >
                <div class="panel-heading">

```

```

                <a href="<?php echo base_url() . '/savetxt/' .
DIR_PATH; ?>/dokumen_html_ind.xls">
                    Download Hasil Analisis Dokumen â€" Bahasa
Indonesia</a>
            </div>
            <!-- /.panel-heading -->
            <div class="panel-body" style="white-space: nowrap;
height: 200px; overflow-x: scroll; overflow-y: scroll;">
                <div class="row">
                    <?= $table_ind; ?>
                </div>
            </div>
            <!-- /.panel-body -->
        </div>
        <!-- /.panel -->
    </div>
    <!-- /.col-lg-12 -->
</div>

<div class="row">
    <div class="col-lg-12">
        <div class="panel panel-default">
            <div class="panel-heading">
                <a href="<?php echo base_url() . '/savetxt/' .
DIR_PATH; ?>/dokumen_html_en.xls">
                    Download Hasil Analisis Dokumen â€" Bahasa
Inggris</a>
            </div>
            <!-- /.panel-heading -->
            <div class="panel-body" style="white-space: nowrap;
height: 200px; overflow-x: scroll; overflow-y: scroll;">
                <div class="row">
                    <?= $table_en; ?>
                </div>
            </div>
            <!-- /.panel-body -->
        </div>
        <!-- /.panel -->
    </div>
    <!-- /.col-lg-12 -->
</div>
<!-- /.row -->
</div>
<div id="pesan" style="display:none"></div>
<!-- /#page-wrapper -->

```

---

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">

```

```

    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <meta name="description" content="">
    <meta name="author" content="">
    <title> ANALISIS TEKSTUAL DAN KONTEN LAPORAN TAHUNAN </title>
    <!-- Bootstrap Core CSS -->
    <link href="<?= base_url();
?>assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
    <!-- MetisMenu CSS -->
    <link href="<?= base_url();
?>assets/vendor/metisMenu/metisMenu.min.css" rel="stylesheet">
    <!-- Custom CSS -->
    <link href="<?= base_url(); ?>assets/css/sb-admin-2.css"
rel="stylesheet">
    <link href="<?= base_url(); ?>assets/css/jquery.fileupload.css"
rel="stylesheet">
    <link href="<?= base_url(); ?>assets/css/jquery.fileupload-
ui.css" rel="stylesheet">
    <!-- Custom Fonts -->
    <link href="<?= base_url(); ?>assets/vendor/font-
awesome/css/font-awesome.min.css" rel="stylesheet" type="text/css">
    <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and
media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the page via
file:// -->
    <!--[if lt IE 9]>
    <script
src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></scr
ipt>
    <script
src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></
script>
    <![endif]-->
    <style>
        footer {
            position: relative;
            height: 60px;
            width: 100%;
            background-color: #f8f8f8;
        }
        p.copyright {
            position: absolute;
            width: 100%;
            color: #777;
            border-color: #e7e7e7;
            line-height: 20px;
            font-size: 14px;
            text-align: center;
            bottom: 0;
        }
    </style>
</head>
<body>
<div id="wrapper">
    <!-- Navigation -->

```



```

    <nav class="navbar navbar-default navbar-static-top"
role="navigation" style="margin-bottom: 0;">
        <div class="navbar-header">
            <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target=".navbar-collapse">
                <span class="sr-only">Toggle navigation</span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>
            <a class="navbar-brand" href="<?= base_url(); ?>"
style="font-size: 28px;font-weight: bold;">ANALISIS TEKSTUAL DAN
KONTEN LAPORAN TAHUNAN</a>
        </div>
        <!-- /.navbar-top-links -->
        <div class="navbar-default sidebar" role="navigation">
            <div class="sidebar-nav navbar-collapse">
                <ul class="nav" id="side-menu">
                    <li>
                        <a href="<?= base_url() ?>">Upload File</a>
                    </li>
                    <li>
                        <a href="<?= site_url() . '/readlap/dokumen'
?>">Document Analysis</a>
                    </li>
                    <!--
                    <li>-->
                    <!--
                        <a href="--><?//= site_url() .
'/readlap/nerstat' ?><!--">NER (Name Entity Recognition)
Analysis</a>-->
                    <!--
                    </li>-->
                    <li>
                        <a href="<?= site_url() . '/readlap/history'
?>">History</a>
                    </li>
                    <!--
                    <li>-->
                    <!--
                        <a href="--><?//= site_url() .
'/readlap/learning' ?><!--">Learning</a>-->
                    <!--
                    </li>-->
                    <li>
                        <a href="<?= site_url().
'/readlap/upload_setting_index' ?>">Upload Keyword List</a>
                    </li>
                </ul>
            </div>
        <!-- /.sidebar-collapse -->
    </div>
    <!-- /.navbar-static-side -->
</nav>

```

---

```

</div>
<!-- /#wrapper -->
<!-- jQuery -->

```

```

<footer>
    <p class="copyright">
        Copyright &copy; <?php echo date('Y'); ?> Julianto Agung
        Saputro<br/>
        All Rights Reserved.
    </p>
</footer>

<script src="<?= base_url(); ?>assets/js/jquery.min.js"></script>
<script src="<?= base_url();
?>assets/js/vendor/jquery.ui.widget.js"></script>
<!-- The Templates plugin is included to render the upload/download
listings -->
<script src="<?= base_url(); ?>assets/js/tmpl.min.js"></script>
<!-- The Load Image plugin is included for the preview images and
image resizing functionality -->
<script src="<?= base_url(); ?>assets/js/load-
image.all.min.js"></script>
<!-- The Canvas to Blob plugin is included for image resizing
functionality -->
<script src="<?= base_url(); ?>assets/js/canvas-to-
blob.min.js"></script>
<!-- blueimp Gallery script -->
<script src="<?= base_url(); ?>assets/js/jquery.blueimp-
gallery.min.js"></script>
<!-- The Iframe Transport is required for browsers without support
for XHR file uploads -->
<script src="<?= base_url(); ?>assets/js/jquery.iframe-
transport.js"></script>
<!-- The basic File Upload plugin -->
<script src="<?= base_url();
?>assets/js/jquery.fileupload.js"></script>
<!-- The File Upload processing plugin -->
<script src="<?= base_url(); ?>assets/js/jquery.fileupload-
process.js"></script>
<!-- The File Upload image preview & resize plugin -->
<script src="<?= base_url(); ?>assets/js/jquery.fileupload-
image.js"></script>
<!-- The File Upload audio preview plugin -->
<script src="<?= base_url(); ?>assets/js/jquery.fileupload-
audio.js"></script>
<!-- The File Upload video preview plugin -->
<script src="<?= base_url(); ?>assets/js/jquery.fileupload-
video.js"></script>
<!-- The File Upload validation plugin -->
<script src="<?= base_url(); ?>assets/js/jquery.fileupload-
validate.js"></script>
<!-- The File Upload user interface plugin -->
<script src="<?= base_url(); ?>assets/js/jquery.fileupload-
ui.js"></script>
<!-- The main application script -->
<script src="<?= base_url(); ?>assets/js/main.js"></script>
<!-- The XDomainRequest Transport is included for cross-domain file
deletion for IE 8 and IE 9 -->
<!--[if (gte IE 8)&(lt IE 10)]>

```

```

<script src="<?= base_url(); ?>assets/js/cors/jquery.xdr-
transport.js"></script>
<!-- Bootstrap Core JavaScript -->
<script src="<?= base_url();
?>assets/vendor/bootstrap/js/bootstrap.min.js"></script>
<!-- Metis Menu Plugin JavaScript -->
<script src="<?= base_url();
?>assets/vendor/metisMenu/metisMenu.min.js"></script>
<!-- Custom Theme JavaScript -->
<script src="<?= base_url(); ?>assets/js/sb-admin-2.js"></script>
</body>
</html>

```

---

```

<div id="page-wrapper">
    <div class="row">
        <div class="col-lg-12">
            <h3 class="page-header">Hasil Analisis Dokumen</h3>
        </div>
        <!-- /.col-lg-12 -->
    </div>
    <!-- /.row -->
    <div class="row">
        <div class="col-lg-12">
            <div class="panel panel-default" >
                <div class="panel-heading">
                    <a href="<?php echo base_url() . '/savetxt/' .
DIR_PATH; ?>/dokumen_html_ind.xls">
                        Download Hasil Analisis Dokumen â€" Bahasa
Indonesia</a>
                </div>
                <!-- /.panel-heading -->
                <div class="panel-body" style="white-space: nowrap;
height: 200px; overflow-x: scroll; overflow-y: scroll;">
                    <div class="row">
                        <?= $table_ind; ?>
                    </div>
                </div>
                <!-- /.panel-body -->
            </div>
            <!-- /.panel -->
        </div>
        <!-- /.col-lg-12 -->
    </div>

    <div class="row">
        <div class="col-lg-12">
            <div class="panel panel-default" >
                <div class="panel-heading">
                    <a href="<?php echo base_url() . '/savetxt/' .
DIR_PATH; ?>/dokumen_html_en.xls">
                        Download Hasil Analisis Dokumen â€" Bahasa
Inggris</a>
                </div>
            </div>
        </div>
    </div>

```

```

        <!-- /.panel-heading -->
        <div class="panel-body" style="white-space: nowrap;
height: 200px; overflow-x: scroll; overflow-y: scroll;">
            <div class="row">
                <?= $table_en; ?>
            </div>
        </div>
    <!-- /.panel-body -->
</div>
<!-- /.panel -->
</div>
<!-- /.col-lg-12 -->
</div>
<!-- /.row -->
</div>
<div id="pesan" style="display:none"></div>
<!-- /#page-wrapper -->

```

---

```

<!-- Page Content -->
<div id="page-wrapper">
    <div class="container-fluid">
        <div class="row">
            <div class="col-lg-12">
                <h3 class="page-header">UPLOAD FILE</h3>
                <!-- The file upload form used as target for the
file upload widget -->
                <form id="fileupload" action="<?= base_url()
?>readlap/upload" method="POST"
                    enctype="multipart/form-data">
                    <!-- The fileupload-buttonbar contains buttons
to add/delete files and start/cancel the upload -->
                    <div class="row fileupload-buttonbar">
                        <div class="col-lg-7">
                            <!-- The fileinput-button span is used
to style the file input field as button -->
                            <span class="btn btn-success fileinput-
button">
                                <i class="glyphicon glyphicon-
plus"></i>
                                <span>Add files...</span>
                                <input type="file" name="files[]"
multiple>
                            </span>
                            <button type="submit" class="btn btn-
primary start">
                                <i class="glyphicon glyphicon-
upload"></i>
                                <span>Start upload</span>
                            </button>
                            <button type="reset" class="btn btn-
warning cancel">
                                <i class="glyphicon glyphicon-ban-
circle"></i>

```

```

        <span>Cancel upload</span>
    </button>
    <!--
    <button
type="button" class="btn btn-danger delete">-->
    <!--
    <i
class="glyphicon glyphicon-trash"></i>-->
    <!--
<span>Delete</span>-->
    <!--
</button>-->
<!--
    <input type="checkbox"
class="toggle">-->
    <!-- The global file processing state --
>
    <span class="fileupload-process"></span>
</div>
<!-- The global progress state -->
<div class="col-lg-5 fileupload-progress
fade">
    <!-- The global progress bar -->
    <div class="progress progress-striped
active" role="progressbar" aria-valuemin="0"
    aria-valuemax="100">
        <div class="progress-bar progress-
bar-success" style="width:0%;"></div>
    </div>
    <!-- The extended global progress state
-->
    <div class="progress-
extended">&nbsp;</div>
    </div>
</div>
<!-- The table listing the files available for
upload/download -->
<table role="presentation" class="table table-
striped">
    <tbody class="files"></tbody>
</table>
</form>
<br>
<div class="panel panel-default">
    <div class="panel-heading">
        <h3 class="panel-title">Keterangan</h3>
    </div>
    <div class="panel-body">
        <ul>
            <li>Untuk mengupload file klik Add
files. File yang dapat
            diupload adalah file <strong>*.DOC,
*.DOCX dan *.PDF</strong>
            </li>
            <li>Klik Start upload untuk memulai
proses unggah dokumen
            ke server agar siap dianalisis.
            </li>

```

```

                                <li>Klik Document Analysis untuk memulai
analisis konten
                                dan tekstual.
                                </li>
                                <li>Klik NER Analysis untuk melakukan
analisis Name Entity
                                Recognition.
                                </li>
                                </ul>
                                </div>
                                </div>
                                </div>
                                <!-- /.col-lg-12 -->
                                </div>
                                <!-- /.row -->
                                </div>
                                <!-- /.container-fluid -->
</div>
<script>
    URL_UPLOAD = '<?=base_url();?>index.php/readlap/upload';
</script>
<script id="template-upload" type="text/x-tmpl">
{% for (var i=0, file; file=o.files[i]; i++) { %}
    <tr class="template-upload fade">
        <td>
            <span class="preview"></span>
        </td>
        <td>
            <p class="name">{%=file.name%}</p>
            <strong class="error text-danger"></strong>
        </td>
        <td>
            <p class="size">Processing...</p>
            <div class="progress progress-striped active"
role="progressbar" aria-valuemin="0" aria-valuemax="100" aria-
valuenow="0"><div class="progress-bar progress-bar-success"
style="width:0%;"></div></div>
        </td>
        <td>
            {% if (!i && !o.options.autoUpload) { %}
                <button class="btn btn-primary start" disabled>
                    <i class="glyphicon glyphicon-upload"></i>
                    <span>Start</span>
                </button>
            {% } %}
            {% if (!i) { %}
                <button class="btn btn-warning cancel">
                    <i class="glyphicon glyphicon-ban-circle"></i>
                    <span>Cancel</span>
                </button>
            {% } %}
        </td>
    </tr>
{% } %}
</script>

```

```

<!-- The template to display files available for download -->
<script id="template-download" type="text/x-tmpl">
{% for (var i=0, file; file=o.files[i]; i++) { %}
    <tr class="template-download fade">
        <td>
            <span class="preview">
                {% if (file.thumbnailUrl) { %}
                    <a href="{%=file.url%}" title="{%=file.name%}"
download="{%=file.name%}" data-gallery></a>
                {% } %}
            </span>
        </td>
        <td>
            <p class="name">
                {% if (file.url) { %}
                    <a href="{%=file.url%}" title="{%=file.name%}"
download="{%=file.name%}" {%=file.thumbnailUrl?'data-
gallery':''%}>{%=file.name%}</a>
                {% } else { %}
                    <span>{%=file.name%}</span>
                {% } %}
            </p>
            {% if (file.error) { %}
                <div><span class="label label-danger">Error</span>
{%=file.error%}</div>
            {% } %}
        </td>
        <td>
            <span
class="size">{%=o.formatFileSize(file.size)%}</span>
        </td>
        <td>
            {% if (file.deleteUrl) { %}
                <button class="btn btn-danger delete" data-
type="{%=file.deleteType%}" data-url="{%=file.deleteUrl%}"{% if
(file.deleteWithCredentials) { %} data-xhr-
fields='{ "withCredentials":true }'{% } %}>
                    <i class="glyphicon glyphicon-trash"></i>
                    <span>Delete</span>
                </button>
                <input type="checkbox" name="delete" value="1"
class="toggle">
            {% } else { %}
                <button class="btn btn-warning cancel">
                    <i class="glyphicon glyphicon-ban-circle"></i>
                    <span>Cancel</span>
                </button>
            {% } %}
        </td>
    </tr>
{% } %}

</script>
<!-- The jQuery UI widget factory, can be omitted if jQuery UI is
already included -->

```

---

```

<!-- Page Content -->
<div id="page-wrapper">
    <div class="container-fluid">
        <div class="row">
            <div class="col-lg-12">
                <h3 class="page-header">UPLOAD FILE SETTING</h3>
                <!-- The file upload form used as target for the
file upload widget -->
                <form id="fileupload" action="<?= base_url()
?>readlap/upload_setting" method="POST"
                    enctype="multipart/form-data">
                    <!-- The fileupload-buttonbar contains buttons
to add/delete files and start/cancel the upload -->
                    <div class="row fileupload-buttonbar">
                        <div class="col-lg-7">
                            <!-- The fileinput-button span is used
to style the file input field as button -->
                            <span class="btn btn-success fileinput-
button">
                                <i class="glyphicon glyphicon-
plus"></i>
                                <span>Add files...</span>
                                <input type="file" name="files[]"
multiple>
                                </span>
                                <button type="submit" class="btn btn-
primary start">
                                    <i class="glyphicon glyphicon-
upload"></i>
                                    <span>Start upload</span>
                                </button>
                                <button type="reset" class="btn btn-
warning cancel">
                                    <i class="glyphicon glyphicon-ban-
circle"></i>
                                    <span>Cancel upload</span>
                                </button>
                                <button type="button" class="btn btn-
danger delete">
                                    <i class="glyphicon glyphicon-
trash"></i>
                                    <span>Delete</span>
                                </button>
                                <input type="checkbox" class="toggle">
                                <!-- The global file processing state --
>
                                <span class="fileupload-process"></span>
                            </div>
                            <!-- The global progress state -->
                            <div class="col-lg-5 fileupload-progress
fade">
                                <!-- The global progress bar -->

```



```

        <div class="progress progress-striped
active" role="progressbar" aria-valuemin="0"
        aria-valuemax="100">
            <div class="progress-bar progress-
bar-success" style="width:0%;"></div>
        </div>
        <!-- The extended global progress state
-->
        <div class="progress-
extended">&nbsp;</div>
    </div>
</div>
<!-- The table listing the files available for
upload/download -->
<table role="presentation" class="table table-
striped">
    <tbody class="files"></tbody>
</table>
</form>
<br>
<div class="panel panel-default">
    <div class="panel-heading">
        <h3 class="panel-title">Keterangan</h3>
    </div>
    <div class="panel-body">
        <ul>
            <li>Untuk mengupload file klik Add
files. File yang dapat
            diupload adalah file
<strong>*.TXT</strong>
            </li>
        </ul>
    </div>
</div>
</div>
<!-- /.col-lg-12 -->
</div>
<!-- /.row -->
</div>
<!-- /.container-fluid -->
</div>
<script>
    URL_UPLOAD = '<?=base_url();?>index.php/readlap/upload_setting';
</script>
<script id="template-upload" type="text/x-tmpl">
{% for (var i=0, file; file=o.files[i]; i++) { %}
    <tr class="template-upload fade">
        <td>
            <span class="preview"></span>
        </td>
        <td>
            <p class="name">{%=file.name%}</p>
            <strong class="error text-danger"></strong>
        </td>
        <td>
            <p class="size">Processing...</p>

```

```

        <div class="progress progress-striped active"
role="progressbar" aria-valuemin="0" aria-valuemax="100" aria-
valuenow="0"><div class="progress-bar progress-bar-success"
style="width:0%;"></div></div>
    </td>
    <td>
        {% if (!i && !o.options.autoUpload) { %}
            <button class="btn btn-primary start" disabled>
                <i class="glyphicon glyphicon-upload"></i>
                <span>Start</span>
            </button>
        {% } %}
        {% if (!i) { %}
            <button class="btn btn-warning cancel">
                <i class="glyphicon glyphicon-ban-circle"></i>
                <span>Cancel</span>
            </button>
        {% } %}
    </td>
</tr>
{% } %}

```

```

</script>
<!-- The template to display files available for download -->
<script id="template-download" type="text/x-tmpl">
{% for (var i=0, file; file=o.files[i]; i++) { %}
    <tr class="template-download fade">
        <td>
            <span class="preview">
                {% if (file.thumbnailUrl) { %}
                    <a href="{%=file.url%}" title="{%=file.name%}"
download="{%=file.name%}" data-gallery></a>
                {% } %}
            </span>
        </td>
        <td>
            <p class="name">
                {% if (file.url) { %}
                    <a href="{%=file.url%}" title="{%=file.name%}"
download="{%=file.name%}" {%=file.thumbnailUrl?'data-
gallery':''%}>{%=file.name%}</a>
                {% } else { %}
                    <span>{%=file.name%}</span>
                {% } %}
            </p>
            {% if (file.error) { %}
                <div><span class="label label-danger">Error</span>
{%=file.error%}</div>
            {% } %}
        </td>
        <td>
            <span
class="size">{%=o.formatFileSize(file.size)%}</span>
        </td>
    </tr>
{% } %}

```

```

        <td>
            {% if (file.deleteUrl) { %}
                <button class="btn btn-danger delete" data-
type="{%=file.deleteType%}" data-url="{%=file.deleteUrl%}"{% if
(file.deleteWithCredentials) { %} data-xhr-
fields='{ "withCredentials":true }'{% } %}>
                    <i class="glyphicon glyphicon-trash"></i>
                    <span>Delete</span>
                </button>
                <input type="checkbox" name="delete" value="1"
class="toggle">
                {% } else { %}
                    <button class="btn btn-warning cancel">
                        <i class="glyphicon glyphicon-ban-circle"></i>
                        <span>Cancel</span>
                    </button>
                {% } %}
            </td>
        </tr>
    {% } %}
</script>
<!-- The jQuery UI widget factory, can be omitted if jQuery UI is
already included -->

```

---

```

<div id="page-wrapper">
    <div class="row">
        <div class="col-lg-12">
            <h1 class="page-header">History</h1>
        </div>
        <!-- /.col-lg-12 -->
    </div>
    <!-- /.row -->
    <div class="row">
        <div class="col-lg-12">
            <div class="panel panel-default">
                <div class="panel-heading">
                    Daftar File Text
                </div>
                <!-- /.panel-heading -->
                <div class="panel-body">
                    <?= $table; ?>
                </div>
                <!-- /.panel-body -->
            </div>
            <!-- /.panel -->
        </div>
        <!-- /.col-lg-12 -->
    </div>
    <!-- /.row -->
</div>
<div id="pesan" style="display:none"></div>
<!-- /#page-wrapper -->
<script>
    window.data_ = <?=json_encode( $data_ );?>;

```

```

function getdetail(ab) {
    window.statistik = window.data_[ab.id].statistik;
    // console.log(window.kalimat);
    var table = $("<table></table>");
    for (var key in window.statistik) {
        table.append("<tr><td>" + key + "</td><td>" +
window.statistik[key] + "</td></tr>");
    }
    ;
    $("#pesan").html("");
    $("#pesan").append(table);
    // window.open("data:application/vnd.ms-excel," +
encodeURIComponent(
    //          $("#pesan").html()
    // ));
    var a = document.createElement('a');
    var data_type = 'data:application/vnd.ms-excel';
    a.href = data_type + ', ' +
encodeURIComponent($("#pesan").html());
    a.download = ab.download;
    a.click();
    // e.preventDefault();
    return (a);
    //saveJSON(window.statistik,"kata.txt");
}
</script>

```

---

```

<!-- Page Content -->
<div id="page-wrapper">
    <div class="container-fluid">
        <div class="row">
            <div class="col-lg-12">
                <h3 class="page-header">LEARNING DATABASE NER</h3>
                <!-- The file upload form used as target for the
file upload widget -->
                <form id="fileupload" action="<?=$this->config-
>config['base_url'];?>readlap/uploadner" method="POST"
                    enctype="multipart/form-data">
                    <!-- The fileupload-buttonbar contains buttons
to add/delete files and start/cancel the upload -->
                    <div class="row fileupload-buttonbar">
                        <div class="col-lg-7">
                            <!-- The fileinput-button span is used
to style the file input field as button -->
                            <span class="btn btn-success fileinput-
button">
                                <i class="glyphicon glyphicon-
plus"></i>
                                <span>Add files...</span>
                                <input type="file" name="files[]"
multiple>
                                </span>

```

```

primary start">
    <button type="submit" class="btn btn-
        <i class="glyphicon glyphicon-
upload"></i>
        <span>Start upload</span>
    </button>
    <button type="reset" class="btn btn-
warning cancel">
        <i class="glyphicon glyphicon-ban-
circle"></i>
        <span>Cancel upload</span>
    </button>
    <!--
    <button
type="button" class="btn btn-danger delete">-->
        <!--
        <i
class="glyphicon glyphicon-trash"></i>-->
        <!--
    <span>Delete</span>-->
        <!--
    </button>-->
    <!--
    <input type="checkbox"
class="toggle">-->
        <!-- The global file processing state --
>
        <span class="fileupload-process"></span>
    </div>
    <!-- The global progress state -->
    <div class="col-lg-5 fileupload-progress
fade">
        <!-- The global progress bar -->
        <div class="progress progress-striped
active" role="progressbar" aria-valuemin="0"
            aria-valuemax="100">
            <div class="progress-bar progress-
bar-success" style="width:0%;"></div>
        </div>
        <!-- The extended global progress state
-->
        <div class="progress-
extended">&nbsp;</div>
    </div>
    </div>
    <!-- The table listing the files available for
upload/download -->
    <table role="presentation" class="table table-
striped">
        <tbody class="files"></tbody>
    </table>
</form>
<br>
<div class="panel panel-default">
    <div class="panel-heading">
        <h3 class="panel-title">Keterangan</h3>
    </div>
    <div class="panel-body">
        <ul>

```

```

        <li>Learning merupakan proses
pembelajaran mesin (machine learning) dengan
        mengenali pola-pola kata dari kamus
kata pada file yang digunakan sebagai
        pembelajaran.
    </li>
    <li>Untuk mengupload file klik
<strong>Add files.</strong> File yang dapat diupload adalah file
teks
        <strong>(*.TXT)</strong>
    </li>
    <li>Klik <strong>Start upload</strong>
untuk memulai proses unggah dokumen ke server agar siap
        dianalisis.
    </li>
</ul>
</div>
</div>
</div>
<!-- /.col-lg-12 -->
</div>
<!-- /.row -->
</div>
<!-- /.container-fluid -->
</div>
<script>
    URL_UPLOAD = '<?=base_url();?>index.php/readlap/uploadner';
</script>

<script id="template-upload" type="text/x-tmpl">
{% for (var i=0, file; file=o.files[i]; i++) { %}
    <tr class="template-upload fade">
        <td>
            <span class="preview"></span>
        </td>
        <td>
            <p class="name">{%=file.name%}</p>
            <strong class="error text-danger"></strong>
        </td>
        <td>
            <p class="size">Processing...</p>
            <div class="progress progress-striped active"
role="progressbar" aria-valuemin="0" aria-valuemax="100" aria-
valuenow="0"><div class="progress-bar progress-bar-success"
style="width:0%;"></div></div>
        </td>
        <td>
            {% if (!i && !o.options.autoUpload) { %}
                <button class="btn btn-primary start" disabled>
                    <i class="glyphicon glyphicon-upload"></i>
                    <span>Start</span>
                </button>
            {% } %}
            {% if (!i) { %}
                <button class="btn btn-warning cancel">
                    <i class="glyphicon glyphicon-ban-circle"></i>

```

```

        <span>Cancel</span>
    </button>
    {% } %}
</td>
</tr>
{% } %}
</script>
<!-- The template to display files available for download -->
<script id="template-download" type="text/x-tmpl">
{% for (var i=0, file; file=o.files[i]; i++) { %}
    <tr class="template-download fade">
        <td>
            <span class="preview">
                {% if (file.thumbnailUrl) { %}
                    <a href="{%=file.url%}" title="{%=file.name%}"
download="{%=file.name%}" data-gallery></a>
                {% } %}
            </span>
        </td>
        <td>
            <p class="name">
                {% if (file.url) { %}
                    <a href="{%=file.url%}" title="{%=file.name%}"
download="{%=file.name%}" {%=file.thumbnailUrl?'data-
gallery':''%}>{%=file.name%}</a>
                {% } else { %}
                    <span>{%=file.name%}</span>
                {% } %}
            </p>
            {% if (file.error) { %}
                <div><span class="label label-danger">Error</span>
{%=file.error%}</div>
            {% } %}
        </td>
        <td>
            <span
class="size">{%=o.formatFileSize(file.size)%}</span>
        </td>
        <td>
            {% if (file.deleteUrl) { %}
                <button class="btn btn-danger delete" data-
type="{%=file.deleteType%}" data-url="{%=file.deleteUrl%}"{% if
(file.deleteWithCredentials) { %} data-xhr-
fields='{ "withCredentials":true }'{% } %}>
                    <i class="glyphicon glyphicon-trash"></i>
                    <span>Delete</span>
                </button>
                <input type="checkbox" name="delete" value="1"
class="toggle">
            {% } else { %}
                <button class="btn btn-warning cancel">
                    <i class="glyphicon glyphicon-ban-circle"></i>
                    <span>Cancel</span>
                </button>
            {% } %}
        </td>
    </tr>
}

```

```

        </td>
    </tr>
    {% } %}
</script>
<!-- The jQuery UI widget factory, can be omitted if jQuery UI is
already included -->

```

---

```

<div id="page-wrapper">
    <div class="row">
        <div class="col-lg-12">
            <h3 class="page-header">Statistik NER</h3>
        </div>
        <!-- /.col-lg-12 -->
    </div>
    <!-- /.row -->
    <div class="row">
        <div class="col-lg-12">
            <div class="panel panel-default">
                <div class="panel-heading">
                    <a href="<?php echo base_url() . 'txtasli/' .
DIR_PATH; ?>/ner_html.xls">
                        Download Hasil Statistik NER</a>
                </div>
                <!-- /.panel-heading -->
                <div class="panel-body"
                    style="white-space: nowrap; height: 200px;
overflow-x: scroll; overflow-y: scroll;">
                    <div class="row">
                        <?= $table_ind; ?>
                    </div>
                </div>
                <!-- /.panel-body -->
            </div>
            <!-- /.panel -->
        </div>
        <!-- /.col-lg-12 -->
    </div>
</div>
<div id="pesan" style="display:none"></div>
<!-- /#page-wrapper -->

```

---





Demikian Surat pernyataan ini saya/kami buat dengan sebenarnya dan untuk dipergunakan sebagaimana mestinya.

Yogyakarta , 14 November 2019



(Julianto Agung Saputro)  
Pemegang Hak Cipta\*

\* Semua pemegang hak cipta agar menandatangani di atas materai.