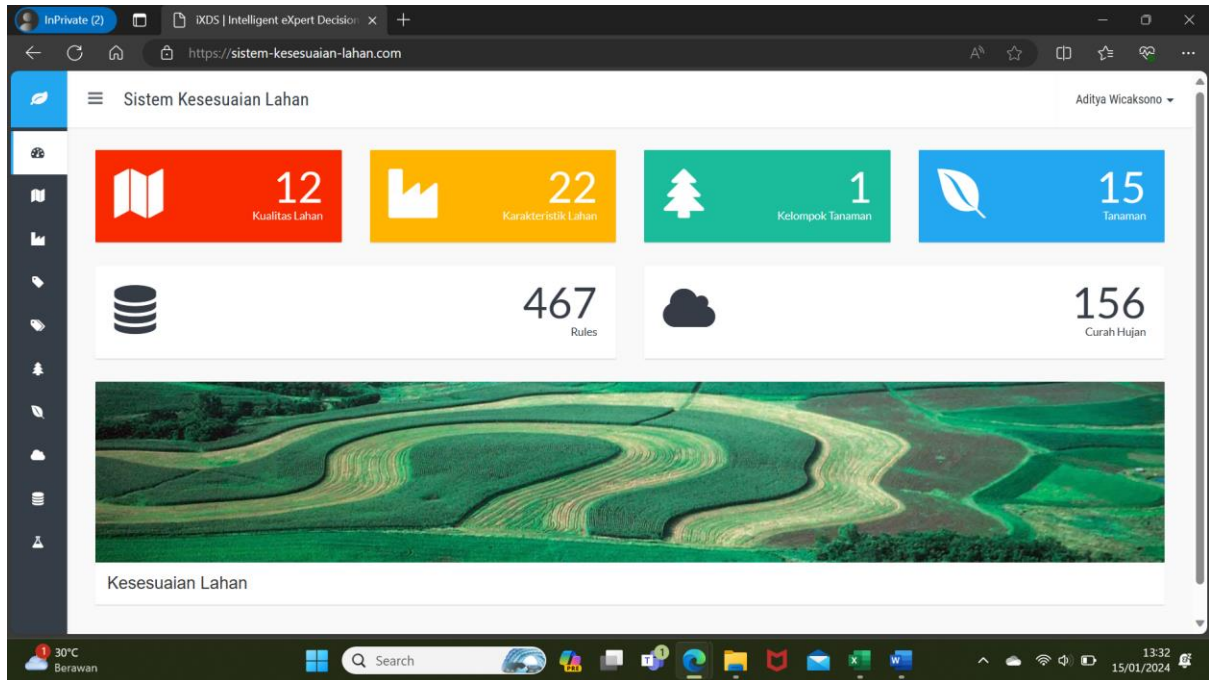


Sistem Kesesuaian Lahan

Dashboard

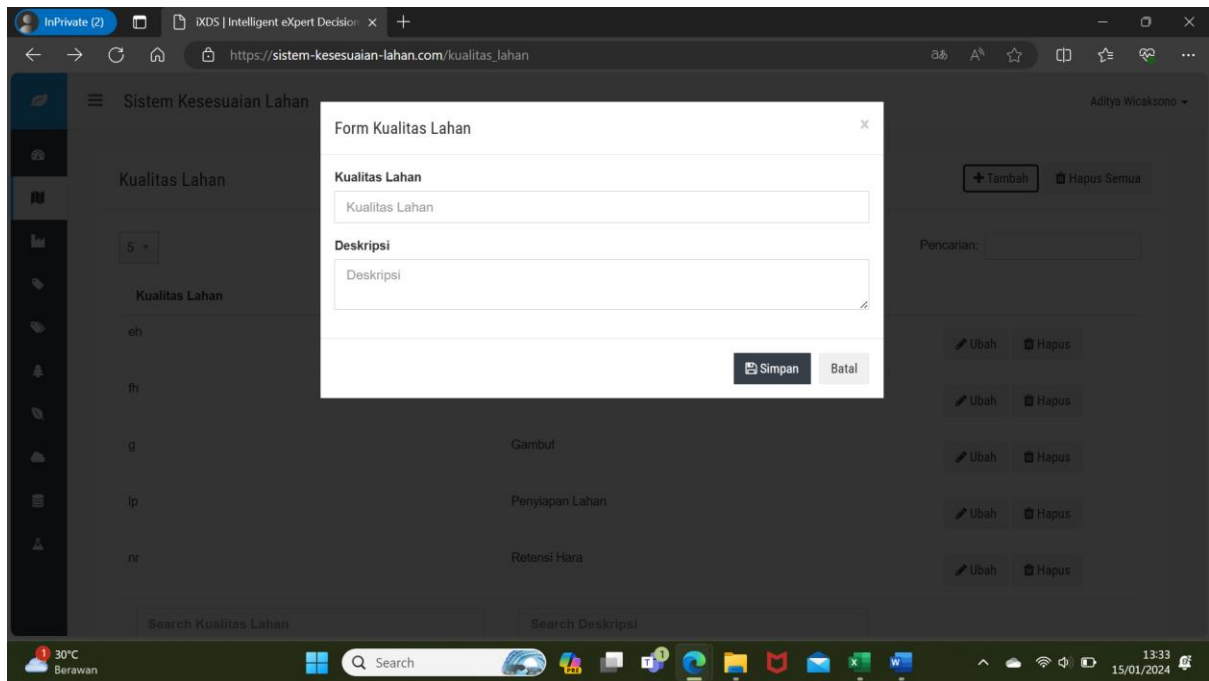


Kualitas Lahan

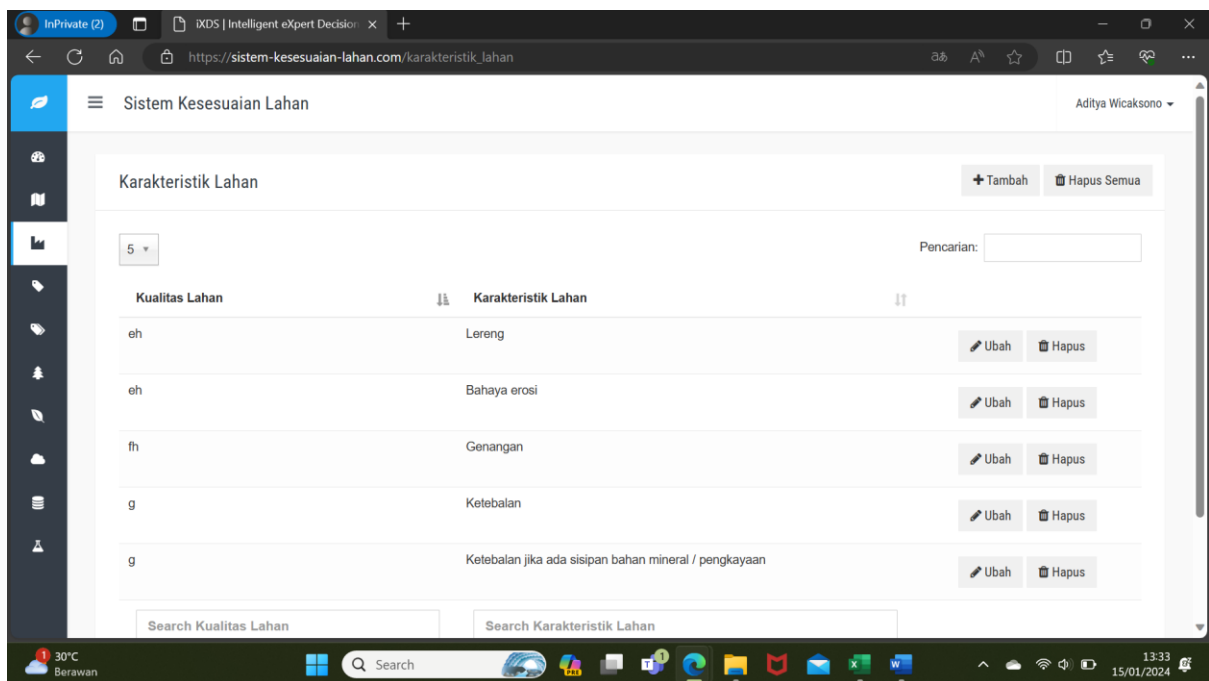
The table displays the following data:

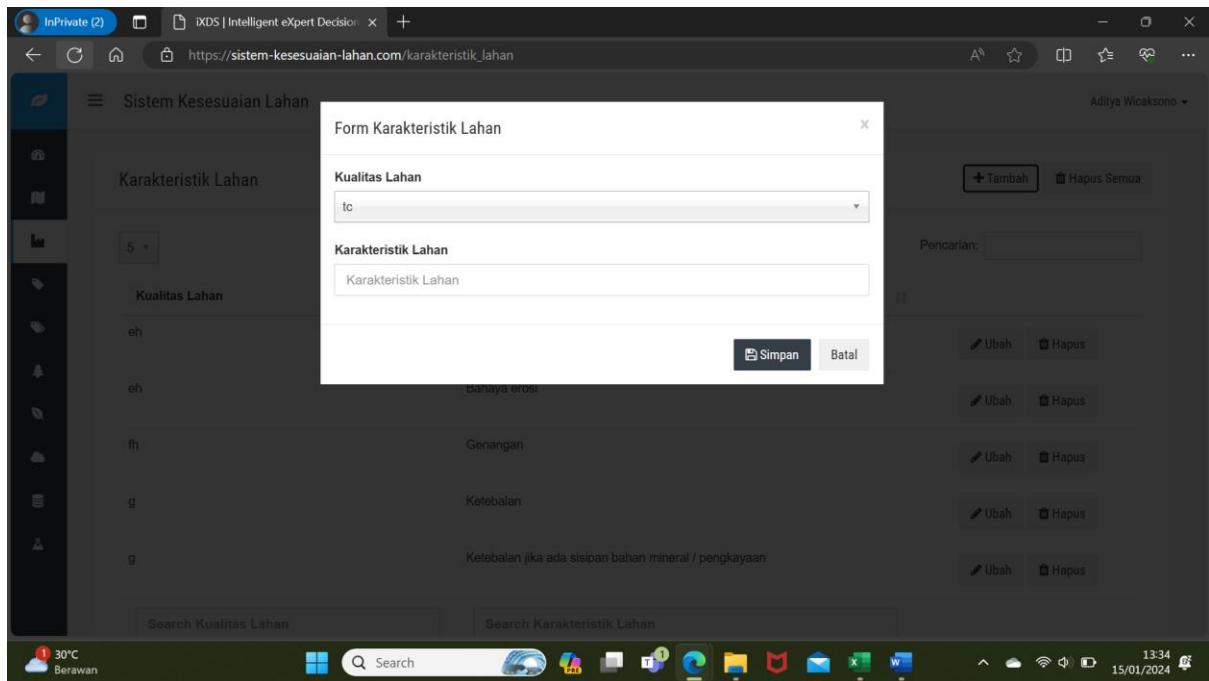
Kualitas Lahan	Deskripsi	Ubah	Hapus
eh	Bahaya Erosi	Ubah	Hapus
fh	Bahaya Banjir	Ubah	Hapus
g	Gambut	Ubah	Hapus
lp	Penyiapan Lahan	Ubah	Hapus
nr	Retensi Hara	Ubah	Hapus

Search bar: Search Kualitas Lahan, Search Deskripsi

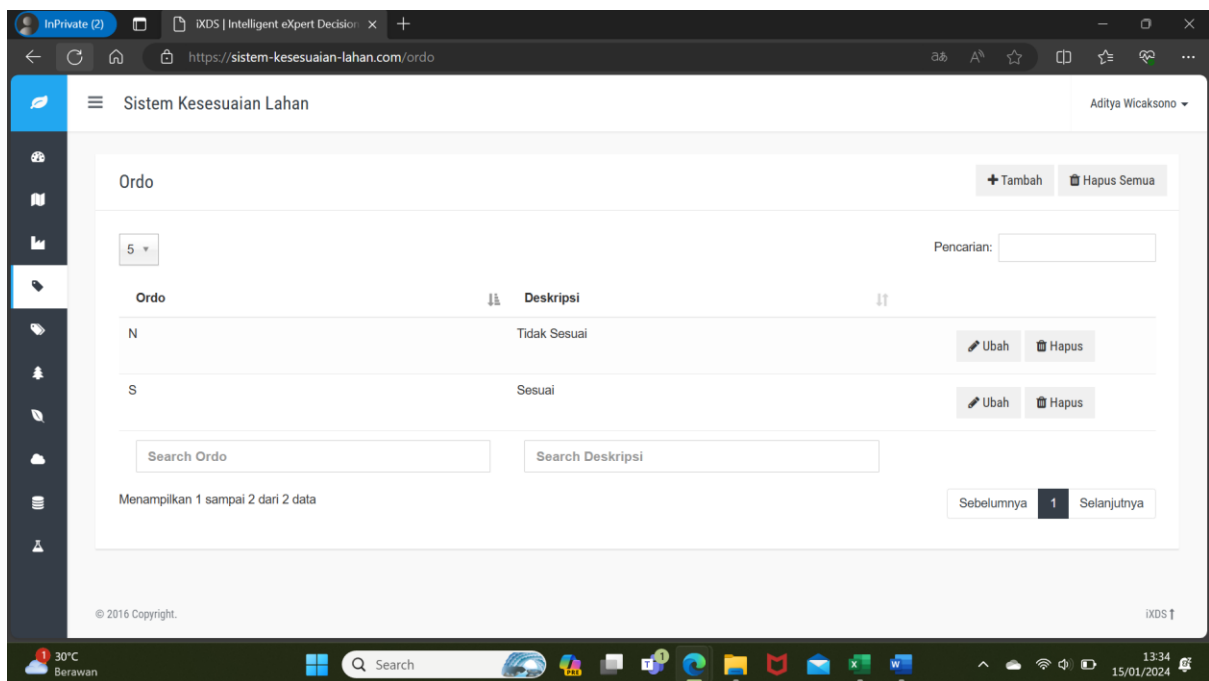


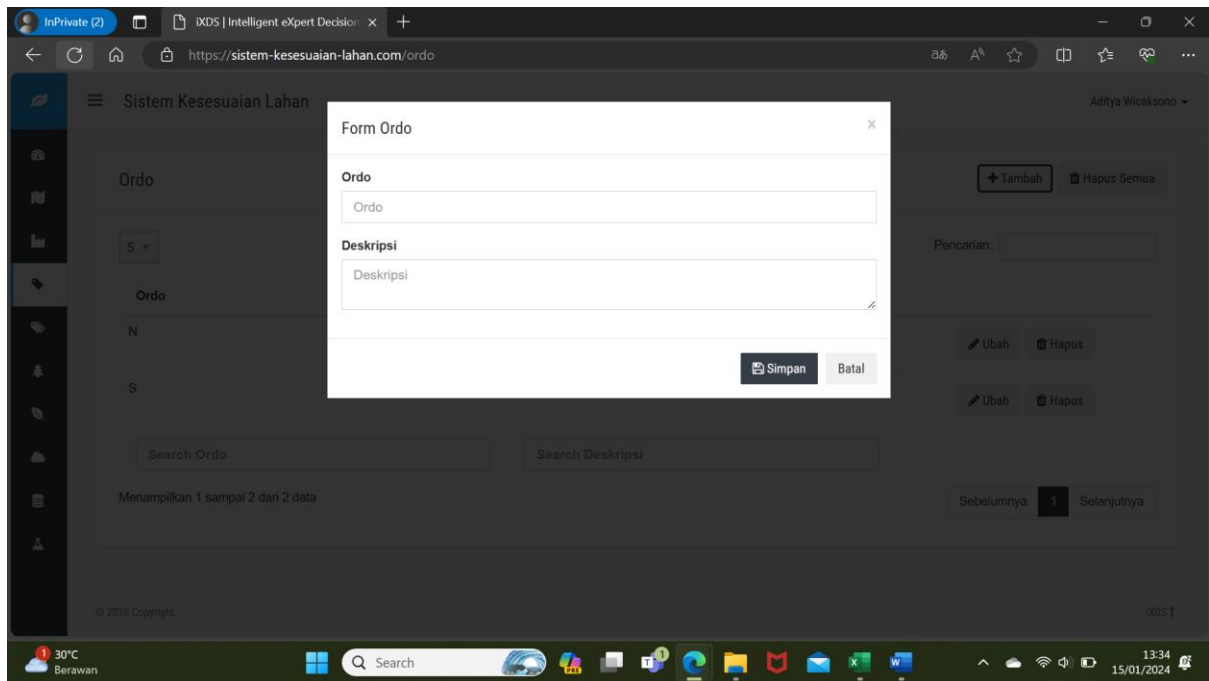
Katakteristik Lahan



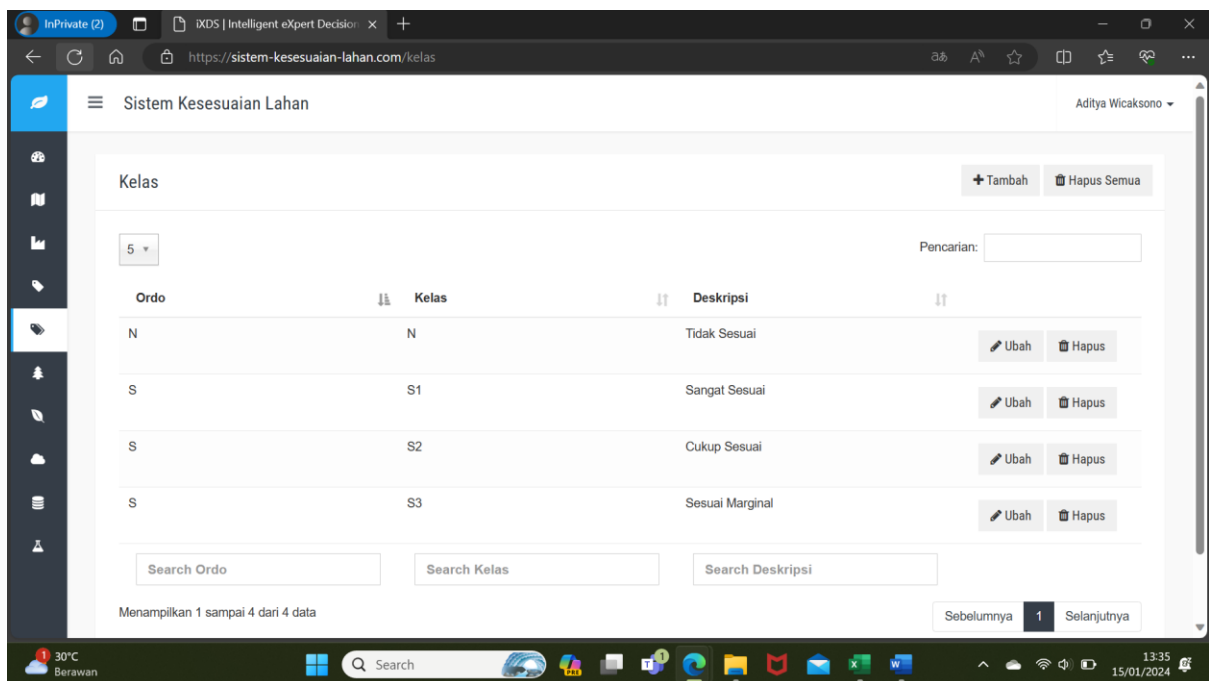


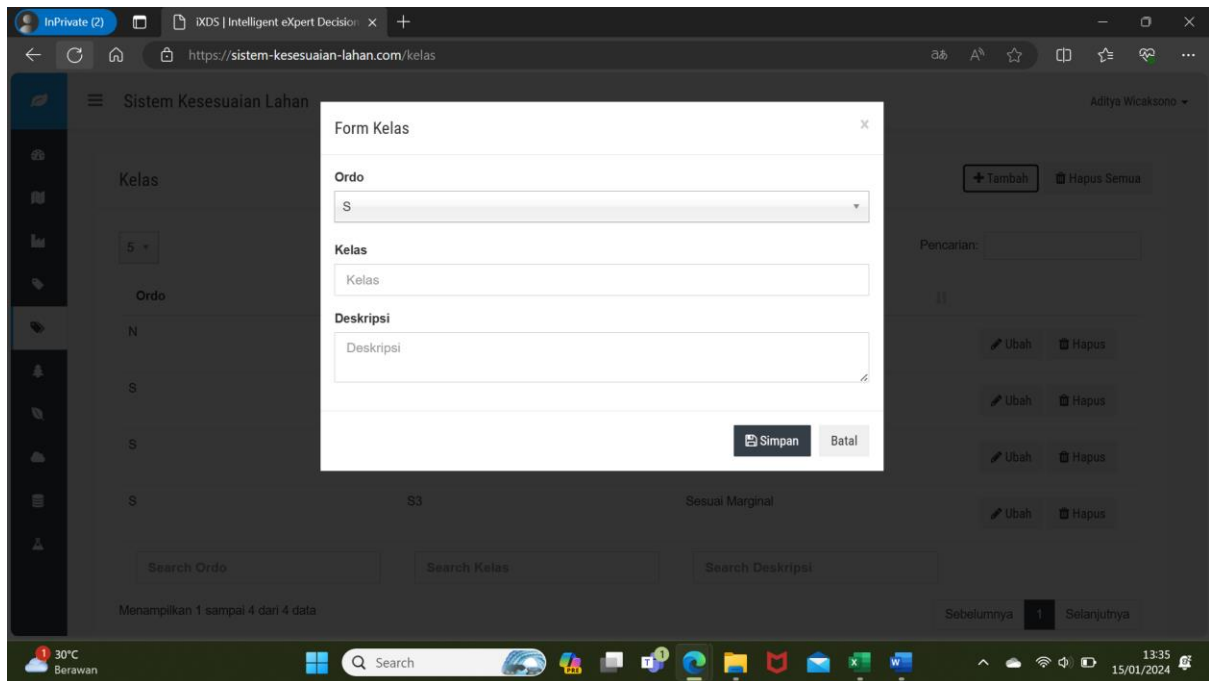
Ordo



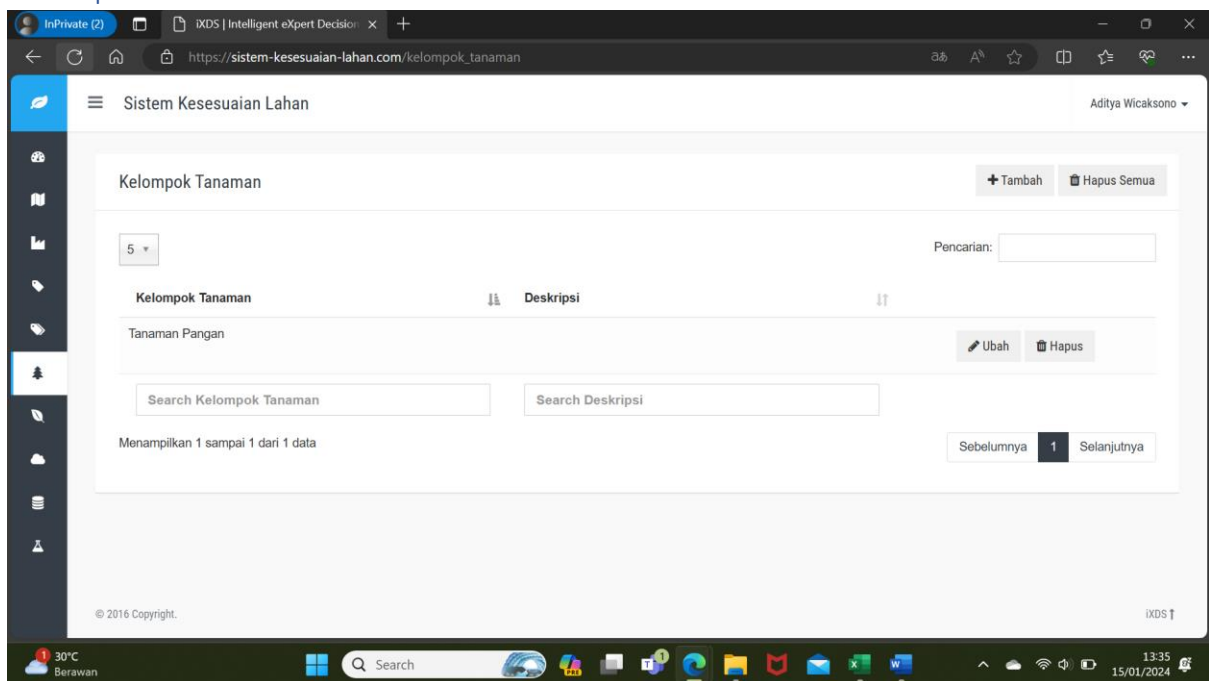


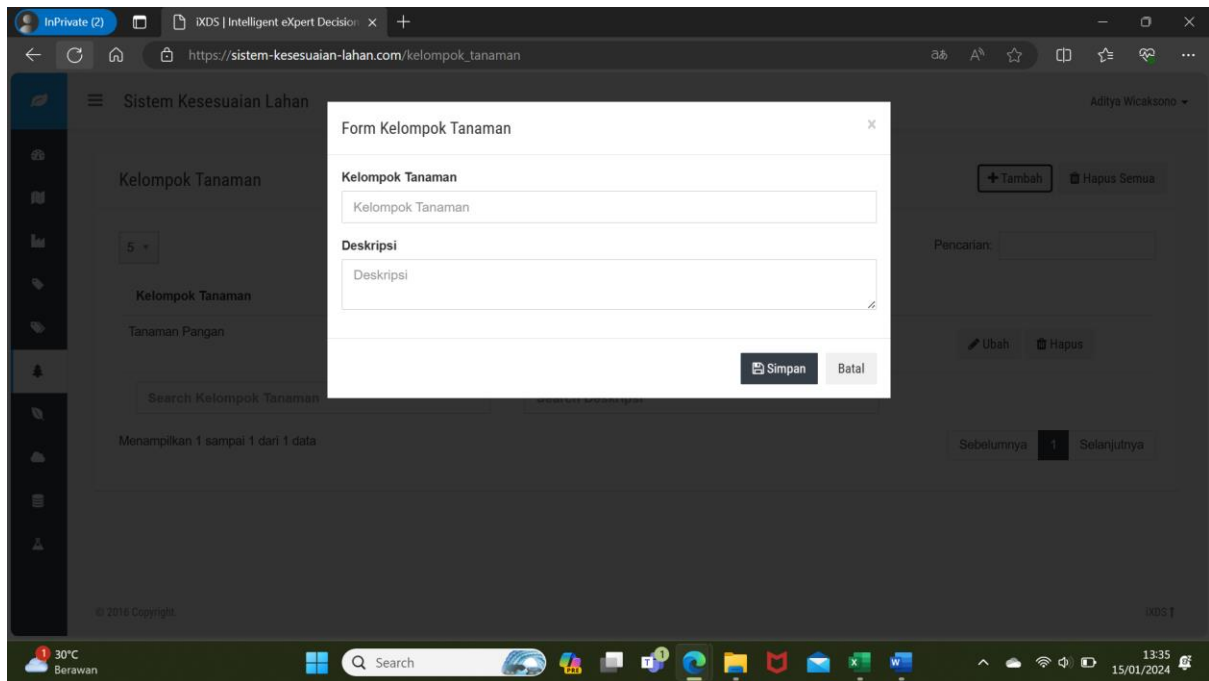
Kelas



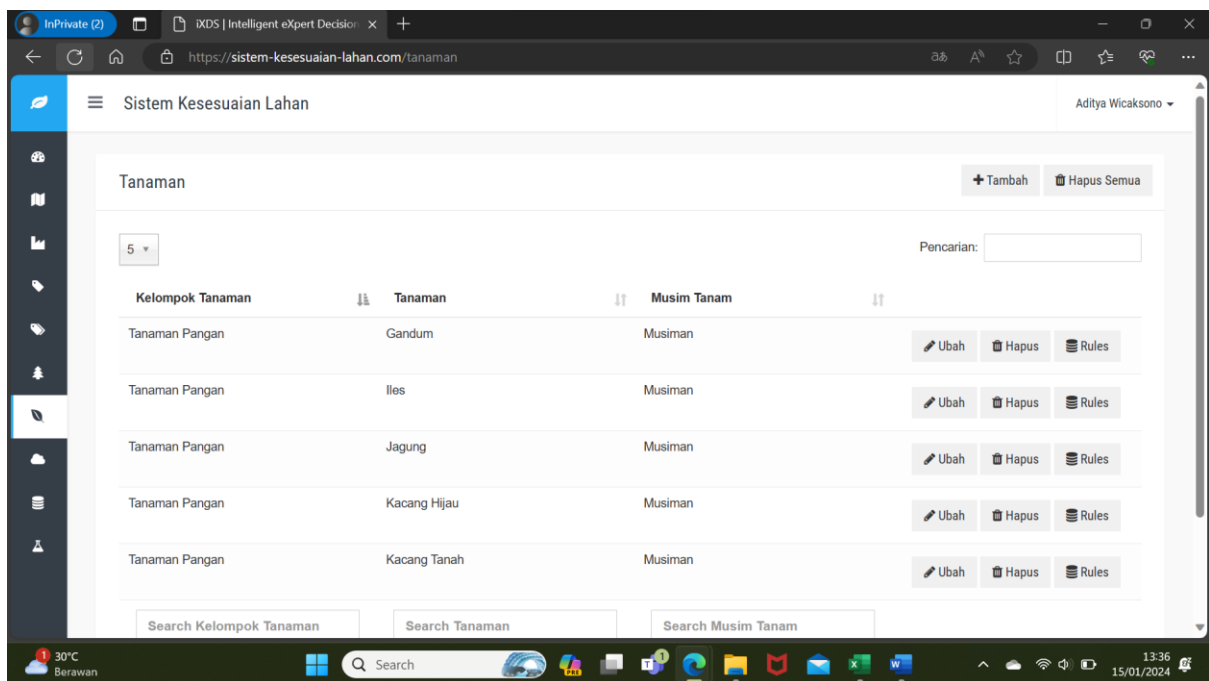


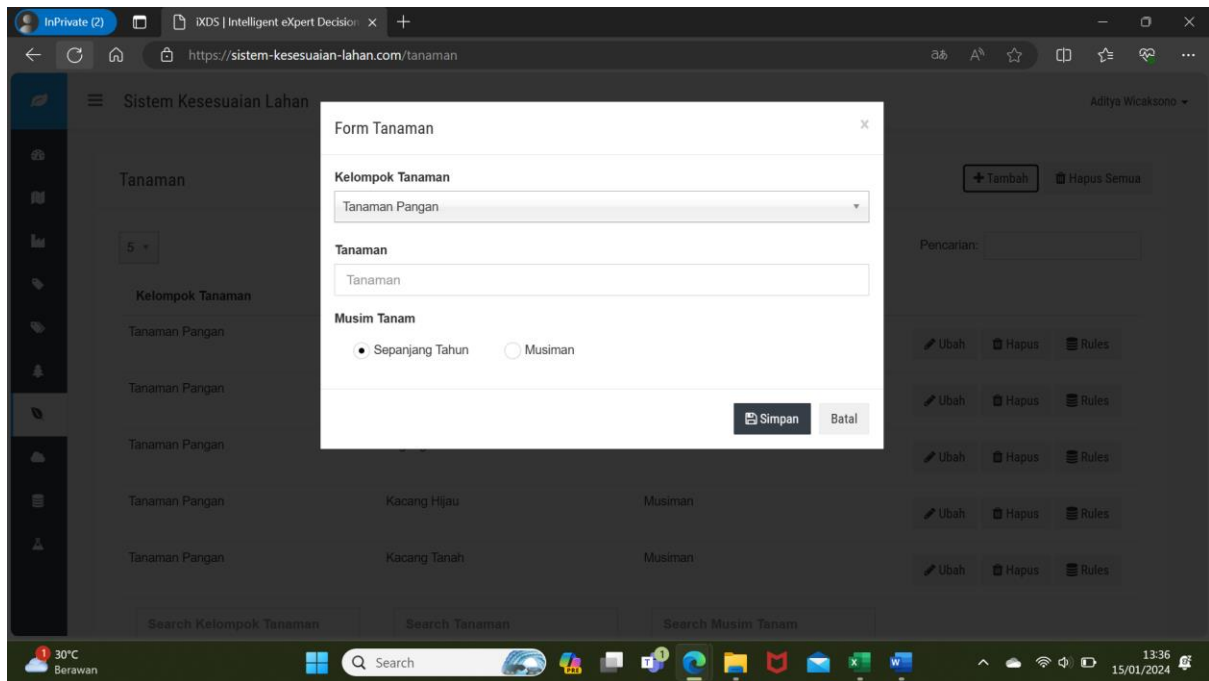
Kelompok Tanaman



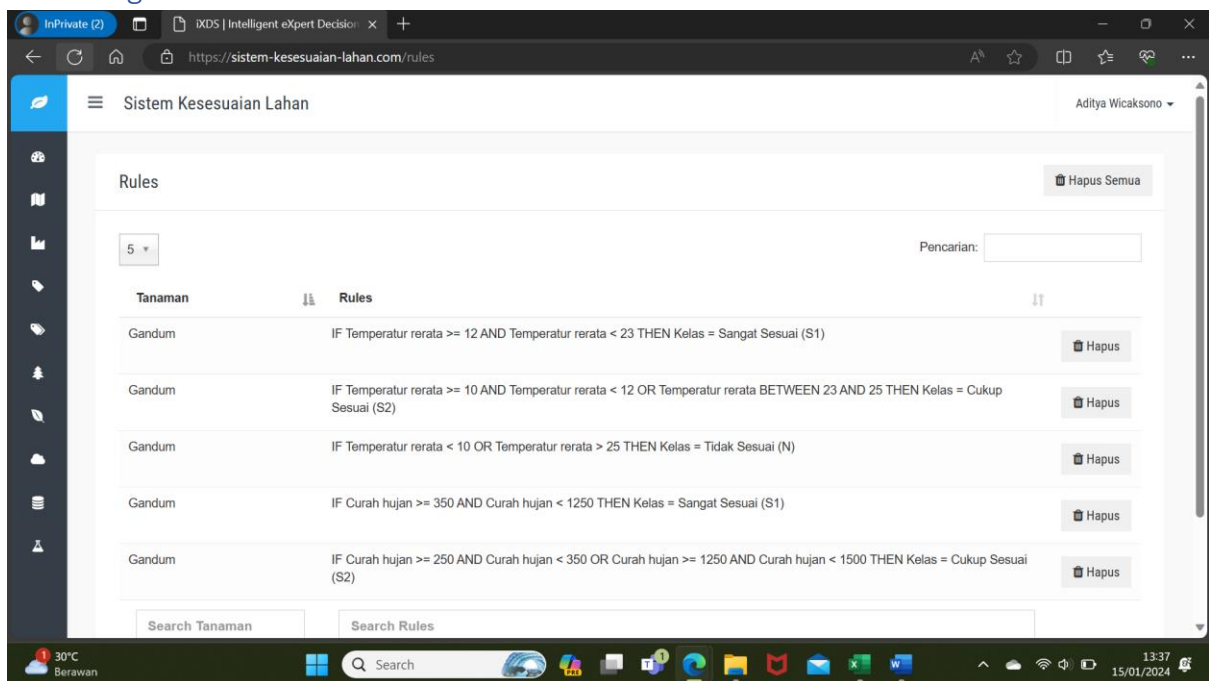


Tanaman





Knowledge Rules



Expert System

Sistem Kesesuaian Lahan Aditya Wicaksono

Temperatur (tc)

Temperatur rerata

Temperatur rerata

Ketersediaan Air (wa)

Curah hujan

Lama bulan kering

Lama bulan kering

Tanaman

Kelompok Tanaman

Tanaman Pangan

Tanaman

☐ Gandum
☐ Jies
☐ Jagung
☐ Kacang Hijau
☐ Kacang Tanah
☐ Kacang Tunggak
☐ Kedelai
☐ Padi Gogo
☐ Padi Sawah Lebak
☐ Padi Sawah Tadiah Hujan
☐ Padi Sawah
☐ Sorgum
☐ Talas

Hasil

Ordo ...

Kelas ...

Subkelas ...

Sistem Kesesuaian Lahan Aditya Wicaksono

Temperatur (tc)

Temperatur rerata

20

Ketersediaan Air (wa)

Curah hujan

Lama bulan kering

Lama bulan kering

Tanaman

Kelompok Tanaman

Tanaman Pangan

Tanaman

☒ Gandum
☐ Jies
☐ Jagung
☐ Kacang Hijau
☐ Kacang Tanah
☐ Kacang Tunggak
☐ Kedelai
☐ Padi Gogo
☐ Padi Sawah Lebak
☐ Padi Sawah Tadiah Hujan
☐ Padi Sawah
☐ Sorgum
☐ Talas

Hasil

S1tc

Ordo **Sesuai (S)**

Kelas **Sangat Sesuai (S1)**

Subkelas **tc**

Decision Support System

Sistem Kesesuaian Lahan

Aditya Wicaksono

Temperatur (tc)

Temperatur rerata

Temperatur rerata

Ketersediaan Air (wa)

Curah hujan

Lama bulan kering

Lama bulan kering

Tanaman Pangan

Gandum

Iles

Jagung

Kacang Hijau

Kacang Tanah

Kacang Tunggak

Kedelai

Padi Gogo

Padi Sawah Lebak

Padi Sawah Tadah Hujan

Padi Sawah

Sorgum

Legenda

S1 Sangat Sesuai

S2 Cukup Sesuai

S3 Sesuai Marginal

N Tidak Sesuai

Sistem Kesesuaian Lahan

Aditya Wicaksono

Temperatur (tc)

Temperatur rerata

20

Ketersediaan Air (wa)

Curah hujan

Lama bulan kering

Lama bulan kering

Tanaman Pangan

Gandum

Iles

Jagung

Kacang Hijau

Kacang Tanah

Kacang Tunggak

Kedelai

Padi Gogo

Padi Sawah Lebak

Padi Sawah Tadah Hujan

Padi Sawah

Sorgum

Legenda

S1 Sangat Sesuai

S2 Cukup Sesuai

S3 Sesuai Marginal

N Tidak Sesuai

Source Code

Config

autoload.php

```
<?php
defined('BASEPATH') OR exit('No direct script access allowed');
```

```

/*
| -----
| AUTO-LOADER
| -----
| This file specifies which systems should be loaded by default.
|
| In order to keep the framework as light-weight as possible only the
| absolute minimal resources are loaded by default. For example,
| the database is not connected to automatically since no assumption
| is made regarding whether you intend to use it. This file lets
| you globally define which systems you would like loaded with every
| request.
|
| -----
| Instructions
| -----
|
| These are the things you can load automatically:
|
| 1. Packages
| 2. Libraries
| 3. Drivers
| 4. Helper files
| 5. Custom config files
| 6. Language files
| 7. Models
|
*/

/*
| -----
| Auto-load Packages
| -----
| Prototype:
|
| $autoload['packages'] = array(APPPATH.'third_party', '/usr/local/shared');
|
*/
$autoload['packages'] = array();

/*
| -----
| Auto-load Libraries
| -----
| These are the classes located in system/libraries/ or your
| application/libraries/ directory, with the addition of the
| 'database' library, which is somewhat of a special case.

```

```

|
| Prototype:
|
|     $autoload['libraries'] = array('database', 'email', 'session');
|
| You can also supply an alternative library name to be assigned
| in the controller:
|
|     $autoload['libraries'] = array('user_agent' => 'ua');
| */
$autoload['libraries'] = array('database');
|
| /*
| -----
| Auto-load Drivers
| -----
| These classes are located in system/libraries/ or in your
| application/libraries/ directory, but are also placed inside their
| own subdirectory and they extend the CI_Driver_Library class. They
| offer multiple interchangeable driver options.
|
| Prototype:
|
|     $autoload['drivers'] = array('cache');
|
| You can also supply an alternative property name to be assigned in
| the controller:
|
|     $autoload['drivers'] = array('cache' => 'cch');
|
| */
$autoload['drivers'] = array();
|
| /*
| -----
| Auto-load Helper Files
| -----
| Prototype:
|
|     $autoload['helper'] = array('url', 'file');
| */
$autoload['helper'] = array('url');
|
| /*
| -----
| Auto-load Config files
| -----
| Prototype:

```

```

|
|     $autoload['config'] = array('config1', 'config2');
|
| NOTE: This item is intended for use ONLY if you have created custom
| config files. Otherwise, leave it blank.
|
| */
$autoload['config'] = array();

/*
| -----
| Auto-load Language files
| -----
| Prototype:
|
|     $autoload['language'] = array('lang1', 'lang2');
|
| NOTE: Do not include the "_lang" part of your file. For example
| "codeigniter_lang.php" would be referenced as array('codeigniter');
|
| */
$autoload['language'] = array();

/*
| -----
| Auto-load Models
| -----
| Prototype:
|
|     $autoload['model'] = array('first_model', 'second_model');
|
| You can also supply an alternative model name to be assigned
| in the controller:
|
|     $autoload['model'] = array('first_model' => 'first');
|
| */
$autoload['model'] = array('config_m');

```

config.php

```

<?php

defined('BASEPATH') OR exit('No direct script access allowed');

/*

```

```
|-----|
| Base Site URL
|-----|
|
| URL to your CodeIgniter root. Typically this will be your base URL,
| WITH a trailing slash:
|
|   http://example.com/
|
| WARNING: You MUST set this value!
|
| If it is not set, then CodeIgniter will try guess the protocol and path
| your installation, but due to security concerns the hostname will be set
| to $_SERVER['SERVER_ADDR'] if available, or localhost otherwise.
| The auto-detection mechanism exists only for convenience during
| development and MUST NOT be used in production!
|
| If you need to allow multiple domains, remember that this file is still
| a PHP script and you can easily do that on your own.
|
*/

$config['base_url'] =
'http://'.$_SERVER['HTTP_HOST'].str_replace(basename($_SERVER['SCRIPT_NAME']),
'', $_SERVER['SCRIPT_NAME']);

/*
```

```
|-----  
| Index File  
|-----  
|  
| Typically this will be your index.php file, unless you've renamed it to  
| something else. If you are using mod_rewrite to remove the page set this  
| variable so that it is blank.  
|  
*/  
$config['index_page'] = ''; // 'index.php';  
  
/*  
|-----  
| URI PROTOCOL  
|-----  
|  
| This item determines which server global should be used to retrieve the  
| URI string. The default setting of 'REQUEST_URI' works for most servers.  
| If your links do not seem to work, try one of the other delicious flavors:  
|  
| 'REQUEST_URI'    Uses $_SERVER['REQUEST_URI']  
| 'QUERY_STRING'   Uses $_SERVER['QUERY_STRING']  
| 'PATH_INFO'      Uses $_SERVER['PATH_INFO']  
|
```

```
| WARNING: If you set this to 'PATH_INFO', URIs will always be URL-decoded!
*/

$config['uri_protocol'] = 'REQUEST_URI';

/*
|-----
| URL suffix
|-----
|
| This option allows you to add a suffix to all URLs generated by CodeIgniter.
| For more information please see the user guide:
|
| https://codeigniter.com/user\_guide/general/urls.html
*/

$config['url_suffix'] = '';

/*
|-----
| Default Language
|-----
|
| This determines which set of language files should be used. Make sure
| there is an available translation if you intend to use something other
| than english.
|
```

```
*/

$config['language'] = 'english';

/*
|-----
| Default Character Set
|-----
|
| This determines which character set is used by default in various methods
| that require a character set to be provided.
|
| See http://php.net/htmlspecialchars for a list of supported charsets.
|
*/

$config['charset'] = 'UTF-8';

/*
|-----
| Enable/Disable System Hooks
|-----
|
| If you would like to use the 'hooks' feature you must enable it by
| setting this variable to TRUE (boolean). See the user guide for details.
|

```



```
*/

$config['enable_hooks'] = FALSE;

/*
|-----
| Class Extension Prefix
|-----
|
| This item allows you to set the filename/classname prefix when extending
| native libraries. For more information please see the user guide:
|
| https://codeigniter.com/user\_guide/general/core\_classes.html
| https://codeigniter.com/user\_guide/general/creating\_libraries.html
|
*/

$config['subclass_prefix'] = 'MY_';

/*
|-----
| Composer auto-loading
|-----
|
| Enabling this setting will tell CodeIgniter to look for a Composer
| package auto-loader script in application/vendor/autoload.php.
|
```

```
| $config['composer_autoload'] = TRUE;
|
| Or if you have your vendor/ directory located somewhere else, you
| can opt to set a specific path as well:
|
| $config['composer_autoload'] = '/path/to/vendor/autoload.php';
|
| For more information about Composer, please visit http://getcomposer.org/
|
| Note: This will NOT disable or override the CodeIgniter-specific
| autoloading (application/config/autoload.php)
*/
$config['composer_autoload'] = FALSE;

/*
|-----
| Allowed URL Characters
|-----
|
| This lets you specify which characters are permitted within your URLs.
| When someone tries to submit a URL with disallowed characters they will
| get a warning message.
|
| As a security measure you are STRONGLY encouraged to restrict URLs to
```

```
| as few characters as possible. By default only these are allowed: a-z 0-9~%.:_-
```

```
|
```

```
| Leave blank to allow all characters -- but only if you are insane.
```

```
|
```

```
| The configured value is actually a regular expression character group
```

```
| and it will be executed as: ! preg_match('/^[<permitted_uri_chars>]+$'/i
```

```
|
```

```
| DO NOT CHANGE THIS UNLESS YOU FULLY UNDERSTAND THE REPERCUSSIONS!!
```

```
|
```

```
*/
```

```
$config['permitted_uri_chars'] = 'a-z 0-9~%.:_\-';
```

```
/*
```

```
|-----
```

```
| Enable Query Strings
```

```
|-----
```

```
|
```

```
| By default CodeIgniter uses search-engine friendly segment based URLs:
```

```
| example.com/who/what/where/
```

```
|
```

```
| By default CodeIgniter enables access to the $_GET array. If for some
```

```
| reason you would like to disable it, set 'allow_get_array' to FALSE.
```

```
|
```

```
| You can optionally enable standard query string based URLs:
```

```
| example.com?who=me&what=something&where=here
|
| Options are: TRUE or FALSE (boolean)
|
| The other items let you set the query string 'words' that will
| invoke your controllers and its functions:
| example.com/index.php?c=controller&m=function
|
| Please note that some of the helpers won't work as expected when
| this feature is enabled, since CodeIgniter is designed primarily to
| use segment based URLs.
|
*/
$config['allow_get_array'] = TRUE;
$config['enable_query_strings'] = FALSE;
$config['controller_trigger'] = 'c';
$config['function_trigger'] = 'm';
$config['directory_trigger'] = 'd';

/*
|-----
| Error Logging Threshold
|-----
|
| You can enable error logging by setting a threshold over zero. The
```

```

| threshold determines what gets logged. Threshold options are:
|
| 0 = Disables logging, Error logging TURNED OFF
| 1 = Error Messages (including PHP errors)
| 2 = Debug Messages
| 3 = Informational Messages
| 4 = All Messages
|
| You can also pass an array with threshold levels to show individual error
types
|
| array(2) = Debug Messages, without Error Messages
|
| For a live site you'll usually only enable Errors (1) to be logged otherwise
| your log files will fill up very fast.
|
*/
$config['log_threshold'] = 0;

/*
|-----
| Error Logging Directory Path
|-----
|

```

```
| Leave this BLANK unless you would like to set something other than the
default

| application/logs/ directory. Use a full server path with trailing slash.
|
|
*/

$config['log_path'] = '';

/*

|-----|

| Log File Extension

|-----|

|

| The default filename extension for log files. The default 'php' allows for
| protecting the log files via basic scripting, when they are to be stored
| under a publicly accessible directory.

|

| Note: Leaving it blank will default to 'php'.

|

*/

$config['log_file_extension'] = '';

/*

|-----|

| Log File Permissions

|-----|
```

```
|  
  
| The file system permissions to be applied on newly created log files.  
  
|  
| IMPORTANT: This MUST be an integer (no quotes) and you MUST use octal  
|           integer notation (i.e. 0700, 0644, etc.)  
*/  
  
$config['log_file_permissions'] = 0644;  
  
/*  
|-----  
| Date Format for Logs  
|-----  
|  
| Each item that is logged has an associated date. You can use PHP date  
| codes to set your own date formatting  
|  
*/  
  
$config['log_date_format'] = 'Y-m-d H:i:s';  
  
/*  
|-----  
| Error Views Directory Path  
|-----  
|
```

```
| Leave this BLANK unless you would like to set something other than the
default

| application/views/errors/ directory. Use a full server path with trailing
slash.

|

*/

$config['error_views_path'] = '';

/*

|-----
| Cache Directory Path
|-----
|

| Leave this BLANK unless you would like to set something other than the
default

| application/cache/ directory. Use a full server path with trailing slash.

|

*/

$config['cache_path'] = '';

/*

|-----
| Cache Include Query String
|-----
|

| Whether to take the URL query string into consideration when generating
```



```

| output cache files. Valid options are:
|
| FALSE      = Disabled
| TRUE       = Enabled, take all query parameters into account.
|
|             Please be aware that this may result in numerous cache
|             files generated for the same page over and over again.
| array('q') = Enabled, but only take into account the specified list
|             of query parameters.
|
|
*/
$config['cache_query_string'] = FALSE;

/*
|-----
| Encryption Key
|-----
|
| If you use the Encryption class, you must set an encryption key.
| See the user guide for more info.
|
| https://codeigniter.com/user\_guide/libraries/encryption.html
|
*/
$config['encryption_key'] = '';

```

```
/*

|-----|

| Session Variables

|-----|

|

| 'sess_driver'

|

|   The storage driver to use: files, database, redis, memcached

|

| 'sess_cookie_name'

|

|   The session cookie name, must contain only [0-9a-z_-] characters

|

| 'sess_expiration'

|

|   The number of SECONDS you want the session to last.

|   Setting to 0 (zero) means expire when the browser is closed.

|

| 'sess_save_path'

|

|   The location to save sessions to, driver dependent.

|

|   For the 'files' driver, it's a path to a writable directory.

|   WARNING: Only absolute paths are supported!
```

For the 'database' driver, it's a table name.

Please read up the manual for the format with other session drivers.

IMPORTANT: You are REQUIRED to set a valid save path!

'sess_match_ip'

Whether to match the user's IP address when reading the session data.

WARNING: If you're using the database driver, don't forget to update
your session table's PRIMARY KEY when changing this setting.

'sess_time_to_update'

How many seconds between CI regenerating the session ID.

'sess_regenerate_destroy'

Whether to destroy session data associated with the old session ID
when auto-regenerating the session ID. When set to FALSE, the data
will be later deleted by the garbage collector.

Other session cookie settings are shared with the rest of the application,

```

| except for 'cookie_prefix' and 'cookie_httponly', which are ignored here.
|
|
*/

$config['sess_driver'] = 'files';

$config['sess_cookie_name'] = 'ci_session';

$config['sess_expiration'] = 7200;

$config['sess_save_path'] = NULL;

$config['sess_match_ip'] = FALSE;

$config['sess_time_to_update'] = 300;

$config['sess_regenerate_destroy'] = FALSE;

/*
|-----|
| Cookie Related Variables
|-----|
|
| 'cookie_prefix'   = Set a cookie name prefix if you need to avoid collisions
| 'cookie_domain'   = Set to .your-domain.com for site-wide cookies
| 'cookie_path'     = Typically will be a forward slash
| 'cookie_secure'   = Cookie will only be set if a secure HTTPS connection
exists.
| 'cookie_httponly' = Cookie will only be accessible via HTTP(S) (no
javascript)
|
| Note: These settings (with the exception of 'cookie_prefix' and
|       'cookie_httponly') will also affect sessions.

```

```
|
*/

$config['cookie_prefix']    = '';
$config['cookie_domain']   = '';
$config['cookie_path']     = '/';
$config['cookie_secure']   = FALSE;
$config['cookie_httponly'] = FALSE;

/*

|-----

| Standardize newlines

|-----

|

| Determines whether to standardize newline characters in input data,
| meaning to replace \r\n, \r, \n occurrences with the PHP_EOL value.
|

| This is particularly useful for portability between UNIX-based OSes,
| (usually \n) and Windows (\r\n).
|

*/

$config['standardize_newlines'] = FALSE;

/*

|-----
```

```

| Global XSS Filtering
|
|-----
|
|
| Determines whether the XSS filter is always active when GET, POST or
| COOKIE data is encountered
|
|
| WARNING: This feature is DEPRECATED and currently available only
|         for backwards compatibility purposes!
|
|
*/
$config['global_xss_filtering'] = FALSE;

/*
|-----
| Cross Site Request Forgery
|-----
|
| Enables a CSRF cookie token to be set. When set to TRUE, token will be
| checked on a submitted form. If you are accepting user data, it is strongly
| recommended CSRF protection be enabled.
|
|
| 'csrf_token_name' = The token name
| 'csrf_cookie_name' = The cookie name
| 'csrf_expire' = The number in seconds the token should expire.
| 'csrf_regenerate' = Regenerate token on every submission
| 'csrf_exclude_uris' = Array of URIs which ignore CSRF checks

```

```

*/

$config['csrf_protection'] = FALSE;

$config['csrf_token_name'] = 'csrf_test_name';

$config['csrf_cookie_name'] = 'csrf_cookie_name';

$config['csrf_expire'] = 7200;

$config['csrf_regenerate'] = TRUE;

$config['csrf_exclude_uris'] = array();

/*
|-----|
| Output Compression
|-----|
|
| Enables Gzip output compression for faster page loads.  When enabled,
| the output class will test whether your server supports Gzip.
| Even if it does, however, not all browsers support compression
| so enable only if you are reasonably sure your visitors can handle it.
|
| Only used if zlib.output_compression is turned off in your php.ini.
| Please do not use it together with httpd-level output compression.
|
| VERY IMPORTANT:  If you are getting a blank page when compression is enabled
it
| means you are prematurely outputting something to your browser. It could
| even be a line of whitespace at the end of one of your scripts.  For

```

```
| compression to work, nothing can be sent before the output buffer is called
| by the output class. Do not 'echo' any values with compression enabled.
|
*/
$config['compress_output'] = FALSE;

/*
|-----
| Master Time Reference
|-----
|
| Options are 'local' or any PHP supported timezone. This preference tells
| the system whether to use your server's local time as the master 'now'
| reference, or convert it to the configured one timezone. See the 'date
| helper' page of the user guide for information regarding date handling.
|
*/
$config['time_reference'] = 'local';

/*
|-----
| Rewrite PHP Short Tags
|-----
|
```



```
| If your PHP installation does not have short tag support enabled CI
|
| can rewrite the tags on-the-fly, enabling you to utilize that syntax
|
| in your view files. Options are TRUE or FALSE (boolean)
|
|
| Note: You need to have eval() enabled for this to work.
|
|
*/
$config['rewrite_short_tags'] = FALSE;

/*
|-----
| Reverse Proxy IPs
|-----
|
|
| If your server is behind a reverse proxy, you must whitelist the proxy
| IP addresses from which CodeIgniter should trust headers such as
| HTTP_X_FORWARDED_FOR and HTTP_CLIENT_IP in order to properly identify
| the visitor's IP address.
|
|
| You can use both an array or a comma-separated list of proxy addresses,
| as well as specifying whole subnets. Here are a few examples:
|
| Comma-separated: '10.0.1.200,192.168.5.0/24'
| Array:           array('10.0.1.200', '192.168.5.0/24')
|
*/
```

```
$config['proxy_ips'] = '';
```

database.php

```
<?php

defined('BASEPATH') OR exit('No direct script access allowed');

/*
| -----
| DATABASE CONNECTIVITY SETTINGS
| -----
| This file will contain the settings needed to access your database.
|
| For complete instructions please consult the 'Database Connection'
| page of the User Guide.
|
| -----
| EXPLANATION OF VARIABLES
| -----
|
| ['dsn']      The full DSN string describe a connection to the database.
| ['hostname'] The hostname of your database server.
| ['username'] The username used to connect to the database
| ['password'] The password used to connect to the database
| ['database'] The name of the database you want to connect to
```

```
| ['dbdriver'] The database driver. e.g.: mysqli.  
  
|         Currently supported:  
  
|             cubrid, ibase, mssql, mysql, mysqli, oci8,  
|             odbc, pdo, postgre, sqlite, sqlite3, sqlsrv  
  
| ['dbprefix'] You can add an optional prefix, which will be added  
|             to the table name when using the Query Builder class  
  
| ['pconnect'] TRUE/FALSE - Whether to use a persistent connection  
  
| ['db_debug'] TRUE/FALSE - Whether database errors should be displayed.  
  
| ['cache_on'] TRUE/FALSE - Enables/disables query caching  
  
| ['cachedir'] The path to the folder where cache files should be stored  
  
| ['char_set'] The character set used in communicating with the database  
  
| ['dbcollat'] The character collation used in communicating with the  
database  
  
|             NOTE: For MySQL and MySQLi databases, this setting is only  
used  
  
|             as a backup if your server is running PHP < 5.2.3 or MySQL <  
5.0.7  
  
|             (and in table creation queries made with DB Forge).  
  
|             There is an incompatibility in PHP with  
mysql_real_escape_string() which  
  
|             can make your site vulnerable to SQL injection if you are  
using a  
  
|             multi-byte character set and are running versions lower than  
these.  
  
|             Sites using Latin-1 or UTF-8 database character set and  
collation are unaffected.  
  
| ['swap_pre'] A default table prefix that should be swapped with the  
dbprefix
```

```
|  ['encrypt'] Whether or not to use an encrypted connection.

|

|          'mysql' (deprecated), 'sqlsrv' and 'pdo/sqlsrv' drivers accept
TRUE/FALSE

|          'mysqli' and 'pdo/mysqli' drivers accept an array with the
following options:

|

|          'ssl_key'      - Path to the private key file

|          'ssl_cert'     - Path to the public key certificate file

|          'ssl_ca'       - Path to the certificate authority file

|          'ssl_cacpath'  - Path to a directory containing trusted CA
certificats in PEM format

|          'ssl_cipher'   - List of *allowed* ciphers to be used for the
encryption, separated by colons (':')

|          'ssl_verify'   - TRUE/FALSE; Whether verify the server
certificate or not ('mysqli' only)

|

|  ['compress'] Whether or not to use client compression (MySQL only)

|  ['stricton'] TRUE/FALSE - forces 'Strict Mode' connections

|                      - good for ensuring strict SQL while developing

|  ['ssl_options'] Used to set various SSL options that can be used when
making SSL connections.

|  ['failover'] array - A array with 0 or more data for connections if the
main should fail.

|  ['save_queries'] TRUE/FALSE - Whether to "save" all executed queries.

|          NOTE: Disabling this will also effectively disable both

|          $this->db->last_query() and profiling of DB queries.

|          When you run a query, with this setting set to TRUE (default),
```

```
|           CodeIgniter will store the SQL statement for debugging
purposes.

|           However, this may cause high memory usage, especially if you
run

|           a lot of SQL queries ... disable this to avoid that problem.
|

| The $active_group variable lets you choose which connection group to
| make active. By default there is only one group (the 'default' group).
|

| The $query_builder variables lets you determine whether or not to load
| the query builder class.

*/

$active_group = 'default';

$query_builder = TRUE;

$db['default'] = array(

    'dsn'      => '',

    'hostname' => '',

    'username' => '',

    'password' => '',

    'database' => '',

    'dbdriver' => 'mysqli',

    'dbprefix' => '',

    'pconnect' => FALSE,

    'db_debug' => (ENVIRONMENT !== 'production'),
```

```

        'cache_on' => FALSE,

        'cachedir' => '',

        'char_set' => 'utf8',

        'dbcollat' => 'utf8_general_ci',

        'swap_pre' => '',

        'encrypt' => FALSE,

        'compress' => FALSE,

        'stricton' => FALSE,

        'failover' => array(),

        'save_queries' => TRUE

    );

```

routes.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

/*
| -----
|  URI ROUTING
| -----
|  This file lets you re-map URI requests to specific controller functions.
|
|  Typically there is a one-to-one relationship between a URL string
|  and its corresponding controller class/method. The segments in a
|  URL normally follow this pattern:
|
|    example.com/class/method/id/
|
|  In some instances, however, you may want to remap this relationship
|  so that a different class/function is called than the one
|  corresponding to the URL.
|
|  Please see the user guide for complete details:
|
|    https://codeigniter.com/user_guide/general/routing.html
|
*/

```

```

| -----
| RESERVED ROUTES
| -----
|
| There are three reserved routes:
|
|     $route['default_controller'] = 'welcome';
|
| This route indicates which controller class should be loaded if the
| URI contains no data. In the above example, the "welcome" class
| would be loaded.
|
|     $route['404_override'] = 'errors/page_missing';
|
| This route will tell the Router which controller/method to use if those
| provided in the URL cannot be matched to a valid route.
|
|     $route['translate_uri_dashes'] = FALSE;
|
| This is not exactly a route, but allows you to automatically route
| controller and method names that contain dashes. '-' isn't a valid
| class or method name character, so it requires translation.
| When you set this option to TRUE, it will replace ALL dashes in the
| controller and method URI segments.
|
| Examples: my-controller/index -> my_controller/index
|           my-controller/my-method -> my_controller/my_method
| */
$route['default_controller'] = 'dashboard';
$route['404_override'] = '';
$route['translate_uri_dashes'] = FALSE;

```

Model

config_m.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Config_m extends CI_Model {

    public function css_path($path = null) {
        return base_url('assets/css/'.$path);
    }
}

```

```

public function img_path($path = null) {
    return base_url('assets/img/'.$path);
}

public function js_path($path = null) {
    return base_url('assets/js/'.$path);
}
}

```

Karakteristik_lahan_m.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Karakteristik_lahan_m extends CI_Model {

    //Property

    private $table = 'karakteristik_lahan';
    private $id_karakteristik_lahan;
    private $id_kualitas_lahan;
    private $karakteristik_lahan;

    //Method

    public function set_id_karakteristik_lahan($value) {
        $this->id_karakteristik_lahan = $value;
    }

    public function get_id_karakteristik_lahan() {
        return $this->id_karakteristik_lahan;
    }

    public function set_id_kualitas_lahan($value) {
        $this->id_kualitas_lahan = $value;
    }

    public function get_id_kualitas_lahan() {
        return $this->id_kualitas_lahan;
    }

    public function set_karakteristik_lahan($value) {
        $this->karakteristik_lahan = $value;
    }

    public function get_karakteristik_lahan() {
        return $this->karakteristik_lahan;
    }
}

```



```

    public function view($id = null) {
        $sql = 'SELECT * FROM '.$this->table.'
                INNER JOIN kualitas_lahan
                ON '.$this->
>table.'.id_kualitas_lahan=kualitas_lahan.id_kualitas_lahan';

        if($id)
            $sql .= ' WHERE id_karakteristik_lahan="'.$id.'"';

        return $this->db->query($sql);
    }

    public function view_by_id_kualitas_lahan($id) {
        $sql = 'SELECT * FROM '.$this->table.'
                INNER JOIN kualitas_lahan
                ON '.$this->
>table.'.id_kualitas_lahan=kualitas_lahan.id_kualitas_lahan
                WHERE '.$this->table.'.id_kualitas_lahan="'.$id.'"';

        return $this->db->query($sql);
    }

    public function insert() {
        $sql = 'INSERT INTO '.$this->table.'
                (id_kualitas_lahan,
                karakteristik_lahan)
                VALUES ("'.$this->get_id_kualitas_lahan().'",
                "'.$htmlentities($this->get_karakteristik_lahan()),
ENT_QUOTES).'"');

        return $this->db->query($sql);
    }

    public function update() {
        $sql = 'UPDATE '.$this->table.'
                SET id_kualitas_lahan="'.$this->get_id_kualitas_lahan().'",
                karakteristik_lahan="'.$htmlentities($this->
>get_karakteristik_lahan(), ENT_QUOTES).'"
                WHERE id_karakteristik_lahan="'.$this->
>get_id_karakteristik_lahan().'"';

        return $this->db->query($sql);
    }

    public function delete($id = null) {
        if($id)
            $sql = 'DELETE FROM '.$this->table.'

```

```

        WHERE id_karakteristik_lahan="'. $id. '";
    else
        $sql = 'TRUNCATE TABLE ' . $this->table;

    return $this->db->query($sql);
}

public function delete_by_id_kualitas_lahan($id) {
    $sql = 'DELETE FROM ' . $this->table . '
        WHERE id_kualitas_lahan="'. $id. '";

    return $this->db->query($sql);
}
}

```

Kelas_m.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Kelas_m extends CI_Model {

    //Property

    private $table = 'kelas';
    private $id_kelas;
    private $id_ordo;
    private $kelas;
    private $deskripsi;

    //Method

    public function set_id_kelas($value) {
        $this->id_kelas = $value;
    }

    public function get_id_kelas() {
        return $this->id_kelas;
    }

    public function set_id_ordo($value) {
        $this->id_ordo = $value;
    }

    public function get_id_ordo() {
        return $this->id_ordo;
    }
}

```

```

public function set_kelas($value) {
    $this->kelas = $value;
}

public function get_kelas() {
    return $this->kelas;
}

public function set_deskripsi($value) {
    $this->deskripsi = $value;
}

public function get_deskripsi() {
    return $this->deskripsi;
}

public function view($id = null) {
    $sql = 'SELECT '.$this->table.'.*,
            ordo.ordo,
            ordo.deskripsi AS deskripsi_ordo
            FROM '.$this->table.'
            INNER JOIN ordo
            ON '.$this->table.'.id_ordo=ordo.id_ordo';

    if($id)
        $sql .= ' WHERE id_kelas="'.$id.'"';

    return $this->db->query($sql);
}

public function insert() {
    $sql = 'INSERT INTO '.$this->table.'
            (id_ordo,
            kelas,
            deskripsi)
            VALUES ("'.$this->get_id_ordo().'",
            "'.htmlentities($this->get_kelas(), ENT_QUOTES).'",
            "'.htmlentities($this->get_deskripsi(), ENT_QUOTES).'");'

    return $this->db->query($sql);
}

public function update() {
    $sql = 'UPDATE '.$this->table.'
            SET id_ordo="'.$this->get_id_ordo().'",
            kelas="'.htmlentities($this->get_kelas(), ENT_QUOTES).'",
            deskripsi="'.htmlentities($this->get_deskripsi(),
ENT_QUOTES).'"

```

```

        WHERE id_kelas="'. $this->get_id_kelas().'";

        return $this->db->query($sql);
    }

    public function delete($id = null) {
        if($id)
            $sql = 'DELETE FROM '.$this->table.'
                    WHERE id_kelas="'. $id.'";
        else
            $sql = 'TRUNCATE TABLE '.$this->table;

        return $this->db->query($sql);
    }

    public function delete_by_id_ordo($id) {
        $sql = 'DELETE FROM '.$this->table.'
                WHERE id_ordo="'. $id.'";

        return $this->db->query($sql);
    }
}

```

Kelompok_tanaman_m.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Kelompok_tanaman_m extends CI_Model {

    //Property

    private $table = 'kelompok_tanaman';
    private $id_kelompok_tanaman;
    private $kelompok_tanaman;
    private $deskripsi;

    //Method

    public function set_id_kelompok_tanaman($value) {
        $this->id_kelompok_tanaman = $value;
    }

    public function get_id_kelompok_tanaman() {
        return $this->id_kelompok_tanaman;
    }

    public function set_kelompok_tanaman($value) {

```

```

        $this->kelompok_tanaman = $value;
    }

    public function get_kelompok_tanaman() {
        return $this->kelompok_tanaman;
    }

    public function set_deskripsi($value) {
        $this->deskripsi = $value;
    }

    public function get_deskripsi() {
        return $this->deskripsi;
    }

    public function view($id = null) {
        $sql = 'SELECT * FROM '.$this->table;

        if($id)
            $sql .= ' WHERE id_kelompok_tanaman="'.$id.'"';

        return $this->db->query($sql);
    }

    public function insert() {
        $sql = 'INSERT INTO '.$this->table.'
            (kelompok_tanaman,
            deskripsi)
            VALUES (''.htmlentities($this->get_kelompok_tanaman(),
ENT_QUOTES).'",
            ''.htmlentities($this->get_deskripsi(), ENT_QUOTES)."'");

        return $this->db->query($sql);
    }

    public function update() {
        $sql = 'UPDATE '.$this->table.'
            SET kelompok_tanaman="'.htmlentities($this->
get_kelompok_tanaman(), ENT_QUOTES).'",
            deskripsi="'.htmlentities($this->get_deskripsi(),
ENT_QUOTES).'"
            WHERE id_kelompok_tanaman="'.$this->
get_id_kelompok_tanaman().'"';

        return $this->db->query($sql);
    }

    public function delete($id = null) {

```

```

        if($id)
            $sql = 'DELETE FROM '.$this->table.'
                    WHERE id_kelompok_tanaman="'.$id.'"';
        else
            $sql = 'TRUNCATE TABLE '.$this->table;

        return $this->db->query($sql);
    }
}

```

Kualitas_lahan_m.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Kualitas_lahan_m extends CI_Model {

    //Property

    private $table = 'kualitas_lahan';
    private $id_kualitas_lahan;
    private $kualitas_lahan;
    private $deskripsi;

    //Method

    public function set_id_kualitas_lahan($value) {
        $this->id_kualitas_lahan = $value;
    }

    public function get_id_kualitas_lahan() {
        return $this->id_kualitas_lahan;
    }

    public function set_kualitas_lahan($value) {
        $this->kualitas_lahan = $value;
    }

    public function get_kualitas_lahan() {
        return $this->kualitas_lahan;
    }

    public function set_deskripsi($value) {
        $this->deskripsi = $value;
    }

    public function get_deskripsi() {
        return $this->deskripsi;
    }
}

```

```

    }

    public function view($id = null) {
        $sql = 'SELECT * FROM '.$this->table;

        if($id)
            $sql .= ' WHERE id_kualitas_lahan="'.$id.'"';

        return $this->db->query($sql);
    }

    public function insert() {
        $sql = 'INSERT INTO '.$this->table.'
            (kualitas_lahan,
            deskripsi)
            VALUES (''.htmlentities($this->get_kualitas_lahan(),
ENT_QUOTES).'',
            ''.htmlentities($this->get_deskripsi(), ENT_QUOTES).'");

        return $this->db->query($sql);
    }

    public function update() {
        $sql = 'UPDATE '.$this->table.'
            SET kualitas_lahan="'.htmlentities($this->get_kualitas_lahan(), ENT_QUOTES).'',
            deskripsi="'.htmlentities($this->get_deskripsi(),
ENT_QUOTES).''
            WHERE id_kualitas_lahan="'.$this->get_id_kualitas_lahan().'"';

        return $this->db->query($sql);
    }

    public function delete($id = null) {
        if($id)
            $sql = 'DELETE FROM '.$this->table.'
                WHERE id_kualitas_lahan="'.$id.'"';
        else
            $sql = 'TRUNCATE TABLE '.$this->table;

        return $this->db->query($sql);
    }
}

```

Ordo_m.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

```

```

class Ordo_m extends CI_Model {

    //Property

    private $table = 'ordo';
    private $id_ordo;
    private $ordo;
    private $deskripsi;

    //Method

    public function set_id_ordo($value) {
        $this->id_ordo = $value;
    }

    public function get_id_ordo() {
        return $this->id_ordo;
    }

    public function set_ordo($value) {
        $this->ordo = $value;
    }

    public function get_ordo() {
        return $this->ordo;
    }

    public function set_deskripsi($value) {
        $this->deskripsi = $value;
    }

    public function get_deskripsi() {
        return $this->deskripsi;
    }

    public function view($id = null) {
        $sql = 'SELECT * FROM '.$this->table;

        if($id)
            $sql .= ' WHERE id_ordo="'.$id.'"';

        return $this->db->query($sql);
    }

    public function insert() {
        $sql = 'INSERT INTO '.$this->table.'
            (ordo,

```



```

        deskripsi)
        VALUES (''.htmlentities($this->get_ordo(), ENT_QUOTES).'',
        ''.htmlentities($this->get_deskripsi(), ENT_QUOTES).''');

    return $this->db->query($sql);
}

public function update() {
    $sql = 'UPDATE '.$this->table.'
        SET ordo="'.htmlentities($this->get_ordo(), ENT_QUOTES).'',
        deskripsi="'.htmlentities($this->get_deskripsi(),
ENT_QUOTES).''
        WHERE id_ordo="'. $this->get_id_ordo().''';

    return $this->db->query($sql);
}

public function delete($id = null) {
    if($id)
        $sql = 'DELETE FROM '.$this->table.'
            WHERE id_ordo="'. $id.''';
    else
        $sql = 'TRUNCATE TABLE '.$this->table;

    return $this->db->query($sql);
}
}

```

Rules_m.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Rules_m extends CI_Model {

    //Property

    private $table = 'rules';
    private $id_rules;
    private $id_tanaman;
    private $rules;
    private $syntax;

    //Method

    public function set_id_rules($value) {
        $this->id_rules = $value;
    }
}

```

```

public function get_id_rules() {
    return $this->id_rules;
}

public function set_id_tanaman($value) {
    $this->id_tanaman = $value;
}

public function get_id_tanaman() {
    return $this->id_tanaman;
}

public function set_rules($value) {
    $this->rules = $value;
}

public function get_rules() {
    return $this->rules;
}

public function set_syntax($value) {
    $this->syntax = $value;
}

public function get_syntax() {
    return $this->syntax;
}

public function view($id = null) {
    $sql = 'SELECT * FROM '.$this->table.'
            INNER JOIN tanaman
            ON '.$this->table.'.id_tanaman=tanaman.id_tanaman';

    if($id)
        $sql .= ' WHERE id_rules="'.$id.'"';

    return $this->db->query($sql);
}

public function view_by_id_tanaman($id) {
    $sql = 'SELECT * FROM '.$this->table.'
            WHERE id_tanaman="'.$id.'"';

    return $this->db->query($sql);
}

```

```

        /*public function view_by_id_tanaman_id_karakteristik_lahan($id_tanaman,
$id_karakteristik_lahan) {
            $sql = 'SELECT * FROM '.$this->table.'
                WHERE id_tanaman="'.$id_tanaman.'" AND
                id_karakteristik_lahan="'.$id_karakteristik_lahan.'";

            return $this->db->query($sql);
        }*/

        public function insert() {
            $sql = 'INSERT INTO '.$this->table.'
                (id_tanaman,
                rules,
                syntax)
                VALUES ("'.$this->get_id_tanaman().'",
                "'.htmlentities($this->get_rules(), ENT_QUOTES).'",
                "'.htmlentities($this->get_syntax(), ENT_QUOTES).'")';

            return $this->db->query($sql);
        }

        public function delete($id = null) {
            if($id)
                $sql = 'DELETE FROM '.$this->table.'
                    WHERE id_rules="'.$id.'";
            else
                $sql = 'TRUNCATE TABLE '.$this->table;

            return $this->db->query($sql);
        }

        public function delete_by_id_tanaman($id) {
            $sql = 'DELETE FROM '.$this->table.'
                WHERE id_tanaman="'.$id.'";

            return $this->db->query($sql);
        }
    }
}

```

Tanaman_m.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Tanaman_m extends CI_Model {

    //Property

```

```

private $table = 'tanaman';
private $id_tanaman;
private $id_kelompok_tanaman;
private $tanaman;
private $musim_tanam;

//Method

public function set_id_tanaman($value) {
    $this->id_tanaman = $value;
}

public function get_id_tanaman() {
    return $this->id_tanaman;
}

public function set_id_kelompok_tanaman($value) {
    $this->id_kelompok_tanaman = $value;
}

public function get_id_kelompok_tanaman() {
    return $this->id_kelompok_tanaman;
}

public function set_tanaman($value) {
    $this->tanaman = $value;
}

public function get_tanaman() {
    return $this->tanaman;
}

public function set_musim_tanam($value) {
    $this->musim_tanam = $value;
}

public function get_musim_tanam() {
    return $this->musim_tanam;
}

public function view($id = null) {
    $sql = 'SELECT * FROM '.$this->table.'
            INNER JOIN kelompok_tanaman
            ON '.$this->table.'.id_kelompok_tanaman=kelompok_tanaman.id_kelompok_tanaman';

    if($id)
        $sql .= ' WHERE id_tanaman="'.$id.'"';

```

```

        return $this->db->query($sql);
    }

    public function view_by_id_kelompok_tanaman($id) {
        $sql = 'SELECT * FROM '.$this->table.'
                INNER JOIN kelompok_tanaman
                ON '.$this->table.'.id_kelompok_tanaman=kelompok_tanaman.id_kelompok_tanaman
                WHERE '.$this->table.'.id_kelompok_tanaman="'.$id.'";

        return $this->db->query($sql);
    }

    public function insert() {
        $sql = 'INSERT INTO '.$this->table.'
                (id_kelompok_tanaman,
                tanaman,
                musim_tanam)
                VALUES ("'.$this->get_id_kelompok_tanaman().'",
                "'.htmlentities($this->get_tanaman(), ENT_QUOTES).'",
                "'.htmlentities($this->get_musim_tanam(), ENT_QUOTES).'");

        return $this->db->query($sql);
    }

    public function update() {
        $sql = 'UPDATE '.$this->table.'
                SET id_kelompok_tanaman="'.$this->get_id_kelompok_tanaman().'",
                tanaman="'.htmlentities($this->get_tanaman(), ENT_QUOTES).'",
                musim_tanam="'.htmlentities($this->get_musim_tanam(), ENT_QUOTES).'"
                WHERE id_tanaman="'.$this->get_id_tanaman().'";

        return $this->db->query($sql);
    }

    public function delete($id = null) {
        if($id)
            $sql = 'DELETE FROM '.$this->table.'
                    WHERE id_tanaman="'.$id.'";
        else
            $sql = 'TRUNCATE TABLE '.$this->table;

        return $this->db->query($sql);
    }
}

```

```

public function delete_by_id_kelompok_tanaman($id) {
    $sql = 'DELETE FROM '.$this->table.'
           WHERE id_kelompok_tanaman="'.$id.'"';

    return $this->db->query($sql);
}
}

```

View

header_v.php

```

<!DOCTYPE html>
<html>
<head>
    <title>iXDS | Intelligent eXpert Decision Support</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <!-- Fonts -->
    <link href="<?php echo $this->config_m-
>css_path('plugins/fonts/RobotoCondensed.css'); ?>" rel="stylesheet"
type="text/css">
    <link href="<?php echo $this->config_m-
>css_path('plugins/fonts/Lato.css'); ?>" rel="stylesheet" type="text/css">
    <!-- CSS Libs -->
    <link rel="stylesheet" type="text/css" href="<?php echo $this->config_m-
>css_path('plugins/bootstrap/bootstrap.min.css'); ?>">
    <link rel="stylesheet" type="text/css" href="<?php echo $this->config_m-
>css_path('plugins/font-awesome/font-awesome.min.css'); ?>">
    <link rel="stylesheet" type="text/css" href="<?php echo $this->config_m-
>css_path('plugins/animate.min.css'); ?>">
    <link rel="stylesheet" type="text/css"
href="../bower_components/bootstrap-switch/dist/css/bootstrap3/bootstrap-
switch.min.css">
    <link rel="stylesheet" type="text/css"
href="../bower_components/checkbox3/dist/checkbox3.min.css">
    <link rel="stylesheet" type="text/css" href="<?php echo $this->config_m-
>css_path('plugins/datatables/jquery.dataTables.min.css'); ?>">
    <link rel="stylesheet" type="text/css" href="<?php echo $this->config_m-
>css_path('plugins/datatables/dataTables.bootstrap.css'); ?>">
    <link rel="stylesheet" type="text/css" href="<?php echo $this->config_m-
>css_path('plugins/chosen/chosen.css'); ?>">
    <link rel="stylesheet" type="text/css" href="<?php echo $this->config_m-
>css_path('plugins/iCheck/minimal/minimal.css'); ?>">
    <link rel="stylesheet" type="text/css"
href="../bower_components/select2/dist/css/select2.min.css">

```

```

    <!-- CSS App -->
    <link rel="stylesheet" type="text/css" href="<?php echo $this->config_m-
>css_path('style.css'); ?>">
    <link rel="stylesheet" type="text/css" href="<?php echo $this->config_m-
>css_path('themes/flat-blue.css'); ?>">
    <link rel="stylesheet" type="text/css" href="<?php echo $this->config_m-
>css_path('app.css'); ?>">
</head>
<body class="flat-blue">
    <div class="app-container">
        <div class="row content-container">
            <nav class="navbar navbar-default navbar-fixed-top navbar-top">
                <div class="container-fluid">
                    <div class="navbar-header">
                        <button type="button" class="navbar-expand-toggle">
                            <i class="fa fa-bars icon"></i>
                        </button>
                        <ol class="breadcrumb navbar-breadcrumb">
                            <li class="active">
                                <span class="hidden-xs">Sistem Kesesuaian
Lahan</span>
                                <span class="visible-xs">iXDS</span>
                            </li>
                        </ol>
                        <button type="button" class="navbar-right-expand-
toggle pull-right visible-xs">
                            <i class="fa fa-th icon"></i>
                        </button>
                    </div>
                    <ul class="nav navbar-nav navbar-right">
                        <button type="button" class="navbar-right-expand-
toggle pull-right visible-xs">
                            <i class="fa fa-times icon"></i>
                        </button>
                        <!--li class="dropdown">
                            <a href="#" class="dropdown-toggle" data-
toggle="dropdown" role="button" aria-expanded="false"><i class="fa fa-
comments-o"></i></a>
                            <ul class="dropdown-menu animated fadeInDown">
                                <li class="title">
                                    Notification <span class="badge pull-
right">0</span>
                                </li>
                                <li class="message">
                                    No new notification
                                </li>
                            </ul>
                        </li>
                    </ul>
                </div>
            </div>
        </div>
    </div>

```

```

        <li class="dropdown danger">
            <a href="#" class="dropdown-toggle" data-
toggle="dropdown" role="button" aria-expanded="false"><i class="fa fa-star-
half-o"></i> 4</a>
            <ul class="dropdown-menu danger animated
fadeInDown">
                <li class="title">
                    Notification <span class="badge pull-
right">4</span>
                </li>
                <li>
                    <ul class="list-group notifications">
                        <a href="#">
                            <li class="list-group-item">
                                <span class="badge">1</span>
<i class="fa fa-exclamation-circle icon"></i> new registration
                            </li>
                        </a>
                        <a href="#">
                            <li class="list-group-item">
                                <span class="badge
success">1</span> <i class="fa fa-check icon"></i> new orders
                            </li>
                        </a>
                        <a href="#">
                            <li class="list-group-item">
                                <span class="badge
danger">2</span> <i class="fa fa-comments icon"></i> customers messages
                            </li>
                        </a>
                        <a href="#">
                            <li class="list-group-item
message">
                                view all
                            </li>
                        </a>
                    </ul>
                </li>
            </ul>
        </li-->
        <li class="dropdown profile">
            <a href="#" class="dropdown-toggle" data-
toggle="dropdown" role="button" aria-expanded="false">Aditya Wicaksono <span
class="caret"></span></a>
            <ul class="dropdown-menu animated fadeInDown">
                <li class="profile-img">
                    

```



```

        </li>
        <li>
            <div class="profile-info">
                <h4 class="username">Aditya
Wicaksono</h4>
                <p>moeslimar@gmail.com</p>
                <div class="btn-group margin-bottom-
2x" role="group">
                    <button type="button" class="btn
btn-default"><i class="fa fa-user"></i> Profile</button>
                    <button type="button" class="btn
btn-default"><i class="fa fa-sign-out"></i> Logout</button>
                </div>
            </div>
        </li>
    </ul>
</li>
</ul>
</div>
</nav>
<div class="side-menu sidebar-inverse">
    <nav class="navbar navbar-default" role="navigation">
        <div class="side-menu-container">
            <div class="navbar-header">
                <a class="navbar-brand" href="#">
                    <div class="icon fa fa-leaf"></div>
                    <div class="title">
                        <span class="hidden-xs">eXpert Decision
Support</span>
                        <span class="visible-xs">iXDS</span>
                    </div>
                </a>
                <button type="button" class="navbar-expand-toggle
pull-right visible-xs">
                    <i class="fa fa-times icon"></i>
                </button>
            </div>
            <ul class="nav navbar-nav">
                <li<?php if(! $this->uri->total_segments() ||
$this->uri->segment(1) == 'dashboard') echo ' class="active"'; ?>>
                    <a href="<?php echo site_url(); ?>">
                        <span class="icon fa fa-
tachometer"></span><span class="title">Dashboard</span>
                    </a>
                </li>
                <li<?php if($this->uri->segment(1) ==
'kualitas_lahan') echo ' class="active"'; ?>>

```

```

        <a href="javascript:void(null);" class="menu"
id="menu_kualitas_lahan">
            <span class="icon fa fa-map"></span><span
class="title">Kualitas Lahan</span>
        </a>
    </li>
    <li><?php if($this->uri->segment(1) ==
'karakteristik_lahan') echo ' class="active"'; ?>>
        <a href="javascript:void(null);" class="menu"
id="menu_karakteristik_lahan">
            <span class="icon fa fa-
industry"></span><span class="title">Karakteristik Lahan</span>
        </a>
    </li>
    <li><?php if($this->uri->segment(1) == 'ordo') echo
' class="active"'; ?>>
        <a href="javascript:void(null);" class="menu"
id="menu_ordo">
            <span class="icon fa fa-tag"></span><span
class="title">Ordo</span>
        </a>
    </li>
    <li><?php if($this->uri->segment(1) == 'kelas')
echo ' class="active"'; ?>>
        <a href="javascript:void(null);" class="menu"
id="menu_kelas">
            <span class="icon fa fa-tags"></span><span
class="title">Kelas</span>
        </a>
    </li>
    <li><?php if($this->uri->segment(1) ==
'kelompok_tanaman') echo ' class="active"'; ?>>
        <a href="javascript:void(null);" class="menu"
id="menu_kelompok_tanaman">
            <span class="icon fa fa-tree"></span><span
class="title">Kelompok Tanaman</span>
        </a>
    </li>
    <li><?php if($this->uri->segment(1) == 'tanaman' ||
$this->uri->segment(1) == 'rules' && $this->uri->segment(2) == 'tanaman') echo
' class="active"'; ?>>
        <a href="javascript:void(null);" class="menu"
id="menu_tanaman">
            <span class="icon fa fa-
envira"></span><span class="title">Tanaman</span>
        </a>
    </li>

```

```

        <li>?php if($this->uri->segment(1) ==
'curah_hujan') echo ' class="active"'; ?>>
        <a href="javascript:void(null);" class="menu"
id="menu_curah_hujan">
            <span class="icon fa fa-
cloud"></span><span class="title">Curah Hujan</span>
            </a>
        </li>
        <!-- Dropdown-->
        <li class="panel panel-default dropdown">
            <a data-toggle="collapse" href="#dropdown-
knowledge">
                <span class="icon fa fa-
database"></span><span class="title">Knowledge</span>
                </a>
                <!-- Dropdown level 1 -->
                <div id="dropdown-knowledge" class="panel-
collapse collapse">
                    <div class="panel-body">
                        <ul class="nav navbar-nav">
                            <li>?php if($this->uri->segment(1)
== 'rules') echo ' class="active"'; ?>><a href="javascript:void(null);"
class="menu" id="menu_rules">Rules</a></li>
                            </ul>
                        </div>
                    </div>
                </li>
                <li class="panel panel-default dropdown">?php
if($this->uri->segment(1) == 'es' || $this->uri->segment(1) == 'dss') echo '
active'; ?>>
                    <a data-toggle="collapse" href="#dropdown-
simulasi-evaluasi">
                        <span class="icon fa fa-
flask"></span><span class="title">Simulasi Evaluasi</span>
                        </a>
                        <!-- Dropdown level 1 -->
                        <div id="dropdown-simulasi-evaluasi"
class="panel-collapse collapse">
                            <div class="panel-body">
                                <ul class="nav navbar-nav">
                                    <li><a
href="javascript:void(null);" class="menu" id="menu_es">Expert System</a></li>
                                    <li><a
href="javascript:void(null);" class="menu" id="menu_dss">Decision Support
System</a></li>
                                    <li><a
href="javascript:void(null);" class="menu" id="menu_idss">Intelligent Decision
Support System</a></li>

```

```

        </ul>
    </div>
</div>
</li>
</ul>
</div>
<!-- /.navbar-collapse -->
</nav>
</div>
<!-- Main Content -->
<div class="container-fluid">
    <div class="side-body padding-top">

```

footer_v.php

```

    </div>
</div>
</div>
<footer class="app-footer">
    <div class="wrapper">
        <span class="pull-right">iXDS <a href="#"><i class="fa fa-
long-arrow-up"></i></a></span> © 2016 Copyright.
    </div>
</footer>
</div>
<div class="modal js-loading-bar">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-body">
                <div class="progress progress-popup">
                    <div class="progress-bar progress-bar-success"></div>
                </div>
            </div>
        </div>
    </div>
</div>
</div>
<!-- Javascript Libs -->
<script type="text/javascript" src="<?php echo $this->config_m-
>js_path('jquery-2.2.3.min.js'); ?>"></script>
<script type="text/javascript" src="<?php echo $this->config_m-
>js_path('bootstrap/bootstrap.min.js'); ?>"></script>
<script type="text/javascript"
src="../../bower_components/Chart.js/Chart.min.js"></script>
<script type="text/javascript" src="../../bower_components/bootstrap-
switch/dist/js/bootstrap-switch.min.js"></script>
<script type="text/javascript"
src="../../bower_components/matchHeight/jquery.matchHeight-min.js"></script>

```

```

    <script type="text/javascript" src="<?php echo $this->config_m-
>js_path('datatables/jquery.dataTables.min.js'); ?>"></script>
    <script type="text/javascript" src="<?php echo $this->config_m-
>js_path('datatables/dataTables.bootstrap.min.js'); ?>"></script>
    <script type="text/javascript" src="<?php echo $this->config_m-
>js_path('chosen/chosen.jquery.js'); ?>"></script>
    <script type="text/javascript" src="<?php echo $this->config_m-
>js_path('iCheck/icheck.js'); ?>"></script>
    <script type="text/javascript"
src="../../bower_components/select2/dist/js/select2.full.min.js"></script>
    <script type="text/javascript" src="../../bower_components/ace-
builds/src/ace.js"></script>
    <script type="text/javascript" src="../../bower_components/ace-
builds/src/mode-html.js"></script>
    <script type="text/javascript" src="../../bower_components/ace-
builds/src/theme-github.js"></script>
    <!-- Javascript -->
    <script type="text/javascript" src="<?php echo $this->config_m-
>js_path('app.js'); ?>"></script>
    <script type="text/javascript" src="../../js/index.js"></script>
    <script>
        var table;

        function loading() {
            var $modal = $('#.js-loading-bar'), $bar = $modal.find('.progress-
bar');

            $modal.modal('show');
            $bar.addClass('animate');

            setTimeout(function() {
                $bar.removeClass('animate');
                $modal.modal('hide');
            }, 1500);
        }

        $(document).ready(function() {
            $('#.menu').click(function() {
                loading();

                table.state.clear();

                window.document.location = '<?php echo site_url(); ?>' +
this.id.substr(5);
            });

            // Setup - add a text input to each footer cell
            $('#.datatable tfoot th').each( function () {

```

```

        var title = $(this).text();

        if(title)
            $(this).html( '<input type="text" placeholder="Search '+title+'" class="form-control" style="width: 100%;" />' );
        } );

// DataTable
table = $('<table>').DataTable({
    'dom': '<"top">f<"clear">>rt<"bottom">i<"clear">>',
    'language': {
        'lengthMenu': '<select id="limit">' +
            '<option value="5">5</option>' +
            '<option value="10">10</option>' +
            '<option value="25">25</option>' +
            '<option value="50">50</option>' +
            '<option value="100">100</option>' +
            '<option value="-1">Semua</option>' +
            '</select>', //&nbsp; data per halaman',
        'zeroRecords': 'Data tidak ditemukan',
        'emptyTable': 'Tidak ada data',
        'search': 'Pencarian:',
        'info': 'Menampilkan _START_ sampai _END_ dari _TOTAL_ data',
        'infoEmpty': 'Menampilkan 0 sampai 0 dari 0 data',
        'infoFiltered': '(Disaring dari _MAX_ total data)',
        'paginate': {
            'first': 'Awal',
            'last': 'Akhir',
            'next': 'Selanjutnya',
            'previous': 'Sebelumnya'
        }
    },
    'columnDefs': [
        { 'className': 'dt-center', 'aTargets': [ -1 ] },
        { 'searchable': false, 'targets': [ -1 ] },
        { 'orderable': false, 'aTargets': [ -1 ] }
    ],
    'stateSave': true
});

// Apply the search
table.columns().every( function () {
    var that = this;

    $( 'input', this.footer() ).on( 'keyup change', function () {
        if ( that.search() !== this.value ) {
            that

```

```

                .search( this.value )
                .draw();
            }
        } );
    } );

    $('input[type="checkbox"], input[type="radio"]').iCheck({
        'checkboxClass': 'icheckbox_minimal',
        'radioClass': 'iradio_minimal'
    });

    $('#limit').chosen({
        'disable_search': true,
        'width': '200'
    });

    $(' [data-toggle="tooltip"]').tooltip();
}
</script>
</body>
</html>

```

dashboard_v.php

```
<?php $this->load->view('header_v'); ?>

        <div class="row">
            <div class="col-lg-3 col-md-6 col-sm-6 col-xs-12">
                <a href="javascript:void(null);" class="menu"
id="card_kualitas_lahan">
                    <div class="card red summary-inline">
                        <div class="card-body">
                            <i class="icon fa fa-map fa-4x"></i>
                            <div class="content">
                                <div class="title"><?php echo
$this->kualitas_lahan_m->view()->num_rows(); ?></div>
                                <div class="sub-title">Kualitas
Lahan</div>
                            </div>
                            <div class="clear-both"></div>
                        </div>
                    </div>
                </div>
            </a>
        </div>
        <div class="col-lg-3 col-md-6 col-sm-6 col-xs-12">
            <a href="javascript:void(null);" class="menu"
id="card_karakteristik_lahan">
                <div class="card yellow summary-inline">
                    <div class="card-body">
```

```

                <i class="icon fa fa-industry fa-
4x"></i>

                <div class="content">
                    <div class="title"><?php echo
$this->karakteristik_lahan_m->view()->num_rows(); ?></div>
                    <div class="sub-
title">Karakteristik Lahan</div>

                </div>
                <div class="clear-both"></div>
            </div>
        </div>
        </a>
    </div>
    <div class="col-lg-3 col-md-6 col-sm-6 col-xs-12">
        <a href="javascript:void(null);" class="menu"
id="card_kelompok_tanaman">
            <div class="card green summary-inline">
                <div class="card-body">
                    <i class="icon fa fa-tree fa-4x"></i>
                    <div class="content">
                        <div class="title"><?php echo
$this->kelompok_tanaman_m->view()->num_rows(); ?></div>
                        <div class="sub-title">Kelompok
Tanaman</div>

                    </div>
                <div class="clear-both"></div>
            </div>
        </div>
        </a>
    </div>
    <div class="col-lg-3 col-md-6 col-sm-6 col-xs-12">
        <a href="javascript:void(null);" class="menu"
id="card_tanaman">
            <div class="card blue summary-inline">
                <div class="card-body">
                    <i class="icon fa fa-envira fa-
4x"></i>

                    <div class="content">
                        <div class="title"><?php echo
$this->tanaman_m->view()->num_rows(); ?></div>
                        <div class="sub-
title">Tanaman</div>

                    </div>
                <div class="clear-both"></div>
            </div>
        </div>
        </a>
    </div>
</div>

```



```

        <div class="col-lg-6 col-md-6 col-sm-6 col-xs-12">
            <a href="javascript:void(null);" class="menu"
id="card_rules">
                <div class="card primary summary-inline">
                    <div class="card-body">
                        <i class="icon fa fa-database fa-
4x"></i>
                            <div class="content">
                                <div class="title"><?php echo
$this->rules_m->view()->num_rows(); ?></div>
                                    <div class="sub-title">Rules</div>
                                </div>
                                <div class="clear-both"></div>
                            </div>
                        </div>
                    </a>
                </div>
                <div class="col-lg-6 col-md-6 col-sm-6 col-xs-12">
                    <a href="javascript:void(null);" class="menu"
id="card_curah_hujan">
                        <div class="card primary summary-inline">
                            <div class="card-body">
                                <i class="icon fa fa-cloud fa-4x"></i>
                                    <div class="content">
                                        <div class="title"><?php echo
$this->curah_hujan_m->view()->num_rows(); ?></div>
                                            <div class="sub-title">Curah
Hujan</div>
                                                </div>
                                            <div class="clear-both"></div>
                                        </div>
                                    </div>
                                </a>
                            </div>
                        </div>
                    <div class="row no-margin-bottom">
                        <div class="col-xs-12">
                            <div class="row">
                                <div class="col-xs-12">
                                    <div class="card primary">
                                        <div class="card-jumbotron no-
padding">
                                            
                                                </div>
                                            <div class="card-body half-padding">
                                                <h4 class="float-left no-margin
font-weight-300">Kesesuaian Lahan</h4>

```

```

<!--h2 class="float-right no-
margin font-weight-300">$3200</h2-->

<div class="clear-both"></div>

</div>

</div>

</div>

</div>

</div>

</div>

<?php $this->load->view('footer_v'); ?>

```

dss_v.php

[illegible]

```

        <label class="control-label"
for="input_<?php echo $row_karakteristik_lahan->id_karakteristik_lahan;
?>"><?php echo $row_karakteristik_lahan->karakteristik_lahan; ?></label>
        <input type="text"
class="form-control input" name="input_<?php echo $row_karakteristik_lahan-
>id_karakteristik_lahan; ?>" id="input_<?php echo $row_karakteristik_lahan-
>id_karakteristik_lahan; ?>" placeholder="<?php echo $row_karakteristik_lahan-
>karakteristik_lahan; ?>">

        </div>

        <?php endforeach; ?>

    </div>
</div>
</div>
</div>

<?php endforeach; ?>

</div>
</div>
<div class="col-md-3">
    <div class="row">

        <?php
            $query = $this->kelompok_tanaman_m-
>view();

            foreach($query->result() as $row) :
                ?>

                <div class="col-xs-12">
                    <div class="card">
                        <div class="card-header">
                            <div class="card-title">
                                <div class="title"><?php echo
$row->kelompok_tanaman; ?></div>
                            </div>
                        </div>
                        <div class="card-body no-padding">
                            <ul class="list-group">

                                <?php
                                    $q = $this->tanaman_m-
>view_by_id_kelompok_tanaman($row->id_kelompok_tanaman);

                                    foreach($q->result() as
$r) :

                                        ?>

```

```

                <li class="list-group-item
list-group-item-success-" id="tanaman_<?php echo $r->id_tanaman; ?>">
                    <span class="badge- badge-
success" id="badge_<?php echo $r->id_tanaman; ?>"></span> <?php echo $r-
>tanaman; ?>
                </li>

                <?php endforeach; ?>

            </ul>
        </div>
    </div>
</div>

<?php endforeach; ?>

</div>
</div>
<div class="col-md-3">
    <div class="row">
        <div class="col-xs-12">
            <div class="card">
                <div class="card-header">
                    <div class="card-title">
                        <div
class="title">Legenda</div>
                    </div>
                </div>
                <div class="card-body">
                    <div class="row">

                        <?php
                            $query = $this->kelas_m-
>view();

                            foreach($query->result()
as $row) :

                                switch($row->id_kelas)
{

                                    case 1 :
                                        $kelas =
'success';

                                        break;
                                    case 2 :
                                        $kelas =
'info';

                                        break;

```

```
'warning';  
  
        case 3 :  
            $kelas =  
  
                break;  
        case 4 :  
            $kelas =  
  
                break;  
    }  
?  
  
<div class="alert alert-<?php  
echo $kelas; ?>" role="alert">  
  
    <strong><?php echo $row-  
>kelas; ?></strong>  
  
    <?php echo $row-  
>deskripsi; ?>  
  
    </div>  
  
    <?php endforeach; ?>  
  
    </div>  
    </div>  
    </div>  
    </div>  
    </div>  
    </div>  
    </div>  
  
<?php $this->load->view('footer_v'); ?>  
  
<script>  
$(document).ready(function () {  
/*$('.input').change(function () {  
$.post('<?php echo site_url("tanaman/view"); ?>',  
$('.input').serializeArray(), function(tanaman) {  
for(var i = 0; i < tanaman.length; i++) {  
var result = '';  
  
$.post('<?php echo site_url("rules/view_by_id_tanaman");  
(id_kelas) {  
switch(id_kelas) {  
case '1' :  
result = 'list-group-item-success';  
break;  
case '2' :  
result = 'list-group-item-info';
```

```

        break;
        case '3' :
            result = 'list-group-item-warning';
            break;
        case '4' :
            result = 'list-group-item-danger';
            break;
    }
});

$('#tanaman_' +
tanaman[i]['id_tanaman']).removeClass('list-group-item-success list-group-
item-info list-group-item-warning list-group-item-danger').addClass(result);
    }
    }, 'json');
});*/

$('.input').change(function () {
    $.post('<?php echo site_url("tanaman/view_rules"); ?>',
$('.input').serializeArray(), function(response) {
    for(var i = 0; i < response.length; i++) {
        var result = '';

        switch(response[i]['id_kelas']) {
            case '1' :
                result = 'list-group-item-success';
                break;
            case '2' :
                result = 'list-group-item-info';
                break;
            case '3' :
                result = 'list-group-item-warning';
                break;
            case '4' :
                result = 'list-group-item-danger';
                break;
        }

        $('#tanaman_' +
response[i]['id_tanaman']).removeClass('list-group-item-success list-group-
item-info list-group-item-warning list-group-item-danger').addClass(result);
        if(response[i]['id_kelas'] && response[i]['id_kelas'] !=
4)

            $('#badge_' +
response[i]['id_tanaman']).removeClass('badge').addClass('badge').html('<i
class="fa fa-check"></i>');
            else

```

```

                $('#badge_' +
response[i]['id_tanaman']).removeClass('badge').html('');
            }
        }, 'json');
    });
});
</script>

```

es_v.php

```

<?php $this->load->view('header_v'); ?>

        <div class="row">
            <div class="col-md-6">
                <div class="row">

                    <?php
                        $query_kualitas_lahan = $this->
>kualitas_lahan_m->view();

                        foreach($query_kualitas_lahan->result() as
$row_kualitas_lahan) :

                            ?>

                                <div class="col-xs-12">
                                    <div class="card">
                                        <div class="card-header">
                                            <div class="card-title">
                                                <div class="title"><?php echo
$row_kualitas_lahan->deskripsi.' ('.$row_kualitas_lahan->kualitas_lahan.')';
?></div>

                                            </div>
                                        </div>
                                        <div class="card-body">

                                            <?php
                                                $query_karakteristik_lahan =
$this->karakteristik_lahan_m->view_by_id_kualitas_lahan($row_kualitas_lahan->id_kualitas_lahan);

                                                foreach($query_karakteristik_l
ahan->result() as $row_karakteristik_lahan) :

                                                    ?>

                                                        <div class="form-group">
                                                            <label class="control-label"
for="input_<?php echo $row_karakteristik_lahan->id_karakteristik_lahan;
?>"><?php echo $row_karakteristik_lahan->karakteristik_lahan; ?></label>

```

```

                                <input type="text"
class="form-control input" name="input_<?php echo $row_karakteristik_lahan-
>id_karakteristik_lahan; ?>" id="input_<?php echo $row_karakteristik_lahan-
>id_karakteristik_lahan; ?>" placeholder="<?php echo $row_karakteristik_lahan-
>karakteristik_lahan; ?>"

                                </div>

                                <?php endforeach; ?>

                                </div>
                                </div>
                                </div>

                                <?php endforeach; ?>

                                </div>
                                </div>
                                <div class="col-md-3">
                                <div class="row">
                                <div class="col-xs-12">
                                <div class="card">
                                <div class="card-header">
                                <div class="card-title">
                                <div
class="title">Tanaman</div>

                                </div>
                                </div>
                                <div class="card-body">
                                <form role="form" method="post"
id="form">

                                <div class="form-group">
                                <label
for="kelompok_tanaman">Kelompok Tanaman</label>

                                <select class="form-
control" name="id_kelompok_tanaman" id="id_kelompok_tanaman">
                                <option></option>

                                <?php
                                $query = $this-
>kelompok_tanaman_m->view();

                                foreach($query-
>result() as $row) :

                                ?>

                                <option value="<?php
echo $row->id_kelompok_tanaman; ?>"><?php echo $row->kelompok_tanaman;
?></option>

```



```
<?php  
    endforeach;  
?  
  
        </select>  
    </div>  
    <div id="id_tanaman"></div>  
</form>  
</div>  
</div>  
</div>  
</div>  
</div>  
<div class="col-md-3">  
    <div class="row">  
        <div class="col-xs-12">  
            <div class="card">  
                <div class="card-header">  
                    <div class="card-title">  
                        <div class="title">Hasil</div>  
                    </div>  
                </div>  
                <div class="card-body">  
                    <div class="row">  
                        <div class="col-xs-12"  
id="result"></div>  
  
                            <div class="col-xs-  
4">Ordo</div>  
  
                            <div class="col-xs-8"  
id="ordo"><label>...</label></div>  
  
                            <div class="col-xs-  
4">Kelas</div>  
  
                            <div class="col-xs-8"  
id="kelas"><label>...</label></div>  
  
                            <div class="col-xs-  
4">Subkelas</div>  
  
                            <div class="col-xs-8"  
id="subkelas"><label>...</label></div>  
                        </div>  
                    </div>  
                </div>  
            </div>  
        </div>  
    </div>  
</div>  
</div>  
</div>  
</div>  
</div>
```

```
<?php $this->load->view('footer v'); ?>
```

```

<script>
    $(document).ready(function () {
        /*$('#input').change(function () {
            if($('#id_kelompok_tanaman').val() &&
$('#id_tanaman:checked').length) {
                if($('#input').filter(function () { return this.value;
}).length) {
                    $.post('<?php echo
site_url("rules/view_by_id_tanaman_id_karakteristik_lahan"); ?>' +
$('#id_tanaman:checked').val() + '/' + this.id.substr(6) + '/' +
$(this).val(), function (id_kelas) {
                        if(id_kelas) {
                            $.post('<?php echo site_url("kelas/view_ordo");
?>' + id_kelas, function(response) {
                                if(id_kelas == 4)
                                    $('#ordo').html('<label class="text-
danger">' + response + '</label>');
                                else
                                    $('#ordo').html('<label class="text-
success">' + response + '</label>');
                                });
                            $.post('<?php echo site_url("kelas/view"); ?>' +
id_kelas, function(response) {
                                    if(id_kelas == 4) {
                                        $(this).parent('form-
group').addClass('has-danger');
                                        $('#kelas').html('<label class="text-
danger">' + response + '</label>');
                                    }
                                    else {
                                        $(this).parent('form-
group').addClass('has-success');
                                        $('#kelas').html('<label class="text-
success">' + response + '</label>');
                                    }
                                });
                            }
                        });
                    }
                else {
                    $('#ordo').html('<label>...</label>');
                    $('#kelas').html('<label>...</label>');
                }
            }
        }
    });
    alert('Tanaman harus dipilih');

```

```

        $(this).val('');
    }
});*/

$('.input').change(function () { //$('.input').map(function(){return
$(this).val();}).get()
    if($('#id_kelompok_tanaman').val() &&
$('.id_tanaman:checked').length) {
        if($('.input').filter(function () { return this.value;
}).length) {
            $.post('<?php echo site_url("rules/view_by_id_tanaman");
?>' + $('.id_tanaman:checked').val(), $('.input').serializeArray(), function
(r) {
                if(r['id_kelas']) {
                    $.post('<?php echo site_url("kelas/view"); ?>' +
r['id_kelas'], function(response) {
                        var kelas = '';

                        switch(r['id_kelas']) {
                            case '1' :
                                kelas = 'success';
                                break;
                            case '2' :
                                kelas = 'info';
                                break;
                            case '3' :
                                kelas = 'warning';
                                break;
                            case '4' :
                                kelas = 'danger';
                                break;
                        }

                        var subkelas = '';

                        for(var i = 0; i < r['subkelas'].length; i++)
                            subkelas += r['subkelas'][i];

                        $('#result').html('<div class="alert alert-' +
kelas + ' text-center" role="alert"><h2><strong>' + response['kelas'] +
subkelas + '</strong></h2></div>');

                        //$('.input').parent().addClass('has-error');
                        $('#ordo').html('<label class="text-' + kelas
+ '>' + response['deskripsi_ordo'] + ' (' + response['ordo'] + ')' +
'</label>');

```

```

                                $('#kelas').html('<label class="text-' + kelas
+ '>' + response['deskripsi'] + ' (' + response['kelas'] + ')' + '</label>');
                                $('#subkelas').html('<label class="text-' +
kelas + '>' + subkelas + '</label>');
                                }, 'json');
                            }
                            else {
                                $('#result').html('');
                                $('#ordo').html('<label>...</label>');
                                $('#kelas').html('<label>...</label>');
                                $('#subkelas').html('<label>...</label>');
                            }
                        }, 'json');
                    }
                    else {
                        $('#result').html('');
                        $('#ordo').html('<label>...</label>');
                        $('#kelas').html('<label>...</label>');
                        $('#subkelas').html('<label>...</label>');
                    }
                }
                else {
                    alert('Tanaman harus dipilih');

                    $(this).val('');
                }
            });

            $('#id_kelompok_tanaman').chosen({
                'no_results_text': 'Tidak ada hasil yang ditemukan untuk',
                'placeholder_text_single': 'Pilih Opsi'
            });

            $('#id_kelompok_tanaman').change(function () {
                $.post('<?php echo
site_url("tanaman/view_by_id_kelompok_tanaman"); ?>/' + $(this).val(),
function (response) {
                    $('#id_tanaman').html(response);
                });
            });
        });
    });
</script>

```

karakteristik_lahan_v.php

```

<?php $this->load->view('header_v'); ?>

        <div class="row">
            <div class="col-xs-12">

```

```

        <div class="card">
            <div class="card-header">
                <div class="card-title">
                    <div class="title">Karakteristik
Lahan</div>

                </div>
                <div class="pull-right card-action">
                    <button class="btn add" title="Tambah"
data-toggle="modal" data-target="#modal_form">
                        <i class="fa fa-plus"></i> Tambah
                    </button>
                    <button class="btn delete_all"
title="Hapus Semua" data-toggle="modal" data-target="#modal_confirm">
                        <i class="fa fa-trash"></i> Hapus
Semua

                    </button>
                </div>
            </div>
            <div class="card-body">
                <table class="datatable table table-
striped table-hover table-responsive" cellspacing="0" width="100%" data-page-
length="5">

                    <thead>
                        <tr>
                            <th>Kualitas Lahan</th>
                            <th>Karakteristik Lahan</th>
                            <th></th>
                        </tr>
                    </thead>
                    <tfoot>
                        <tr>
                            <th>Kualitas Lahan</th>
                            <th>Karakteristik Lahan</th>
                            <th></th>
                        </tr>
                    </tfoot>
                    <tbody>

                        <?php
                            $query = $this->
>karakteristik_lahan_m->view();

                            foreach($query->result() as
$row) :

                                ?>

                                <tr>
                                    <td>

```

```

                                <?php echo $row-
>kualitas_lahan; ?>
                                <input type="hidden"
id="id_kualitas_lahan_<?php echo $row->id_karakteristik_lahan; ?>"
value="<?php echo $row->id_kualitas_lahan; ?>"
                                </td>
                                <td>
                                <?php echo $row-
>karakteristik_lahan; ?>
                                <input type="hidden"
id="karakteristik_lahan_<?php echo $row->id_karakteristik_lahan; ?>"
value="<?php echo $row->karakteristik_lahan; ?>"
                                </td>
                                <td>
                                <button class="btn edit"
id="edit_<?PHP echo $row->id_karakteristik_lahan; ?>" title="Ubah" data-
toggle="modal" data-target="#modal_form">
                                <i class="fa fa-
pencil"></i> Ubah
                                </button>
                                <button class="btn delete"
id="delete_<?PHP echo $row->id_karakteristik_lahan; ?>" title="Hapus" data-
toggle="modal" data-target="#modal_confirm">
                                <i class="fa fa-
trash"></i> Hapus
                                </button>
                                </td>
                                </tr>

                                <?php endforeach; ?>

                                </tbody>
                                </table>
                                </div>
                                </div>
                                </div>
                                </div>

                                <div class="modal fade" id="modal_confirm" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
                                <div class="modal-dialog">
                                <div class="modal-content">
                                <div class="modal-header">
                                <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                                <h4 class="modal-title text-
left">Konfirmasi</h4>
                                </div>

```

```

        <div class="modal-body">
            <p class="text-left" id="confirm_str">
                Apakah Anda yakin akan menghapus data
?
            </p>
        </div>
        <div class="modal-footer">
            <button type="button" class="btn btn-
primary" id="delete_all">Ok</button>
            <button type="button" class="btn btn-
primary" id="delete">Ok</button>
            <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
        </div>
    </div>
</div>
<div class="modal fade" id="modal_form" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header">
                <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                <h4 class="modal-title text-left">Form
Karakteristik Lahan</h4>
            </div>
            <div class="modal-body">
                <form role="form" method="post" id="form">
                    <div class="form-group">
                        <label
for="id_kualitas_lahan">Kualitas Lahan</label>
                        <select class="form-control"
name="id_kualitas_lahan" id="id_kualitas_lahan">

                            <?php
                                $query = $this->
kualitas_lahan_m->view();

                                foreach($query->result()
as $row) :

                                    <?>

                                    <option value="<?php echo
$row->id_kualitas_lahan; ?>"><?php echo $row->kualitas_lahan; ?></option>

                                    <?php
                                        endforeach;

```

```

        ?>

        </select>
        <input type="hidden"
name="id_karakteristik_lahan" id="id_karakteristik_lahan">
        </div>
        <div class="form-group">
            <label
for="karakteristik_lahan">Karakteristik Lahan</label>
            <input type="text" class="form-
control" name="karakteristik_lahan" id="karakteristik_lahan"
placeholder="Karakteristik Lahan" required>
            <input type="hidden"
name="karakteristik_lahan_tmp" id="karakteristik_lahan_tmp">
        </div>
        </form>
    </div>
    <div class="modal-footer">
        <button type="submit" class="btn btn-
primary" id="save" form="form">
            <span class="fa fa-save"></span>
            Simpan
        </button>
        <button type="submit" class="btn btn-
primary" id="update" form="form">
            <span class="fa fa-save"></span>
            Perbaharui
        </button>
        <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
    </div>
</div>
</div>
</div>
</div>

<?php $this->load->view('footer_v'); ?>

<script>
    function save_onclick() {
        if($('#id_kualitas_lahan').val()) {
            $.post('<?php echo site_url("karakteristik_lahan/save"); ?>',
$('#form').serialize(), function (response) {
                if(response) {
                    loading();

                    window.document.location = '<?php echo
site_url("karakteristik_lahan"); ?>';
                }
            }
        }
    }

```



```

    });
}
else
    alert('Kualitas Lahan harus diisi');

return false;
}

function update_onclick() {
    $.post('<?php echo site_url("karakteristik_lahan/update"); ?>',
$('#form').serialize(), function (response) {
        if(response) {
            loading();

            window.document.location = '<?php echo
site_url("karakteristik_lahan"); ?>';
        }
    });

return false;
}

$(document).ready(function () {
    $('#add').click(function () {
        $('#save').show();
        $('#update').hide();

        $('#form').attr('onsubmit', 'return save_onclick();');

        $('#id_kualitas_lahan').find('option:first-
child').prop('selected', true).end().trigger('liszt:updated');
        $('#karakteristik_lahan').val('');
    });

    $('#edit').click(function () {
        $('#save').hide();
        $('#update').show();

        $('#form').attr('onsubmit', 'return update_onclick();');

        var id = this.id.substr(5);

        $('#id_karakteristik_lahan').val(id);
        $('#id_kualitas_lahan').val($('#id_kualitas_lahan_' +
id).val()).trigger('liszt:updated');
        $('#karakteristik_lahan').val($('#karakteristik_lahan_' +
id).val());
    });
});

```

```

        $('#delete_all').click(function () {
            $('#delete').hide();
            $('#delete_all').show();

            $('#confirm_str').html('Apakah Anda yakin akan menghapus semua
data ?');
        });

        $('#delete_all').click(function () {
            $.post('<?php echo site_url("karakteristik_lahan/delete"); ?>',
function (response) {
                if(response) {
                    loading();

                    window.document.location = '<?php echo
site_url("karakteristik_lahan"); ?>';
                }
            });
        });

        $('#delete').click(function () {
            $('#delete').show();
            $('#delete_all').hide();

            $('#confirm_str').html('Apakah Anda yakin akan menghapus data ?');

            var id = this.id.substr(7);

            $('#id_karakteristik_lahan').val(id);
        });

        $('#delete').click(function () {
            $.post('<?php echo site_url("karakteristik_lahan/delete"); ?>' +
$('#id_karakteristik_lahan').val(), function (response) {
                if(response) {
                    loading();

                    window.document.location = '<?php echo
site_url("karakteristik_lahan"); ?>';
                }
            });
        });

        $('#id_kualitas_lahan').chosen({
            'no_results_text': 'Tidak ada hasil yang ditemukan untuk',
            'placeholder_text_single': 'Pilih Opsi'
        });

```

```
});  
</script>
```

kelas_v.php

```
<?php $this->load->view('header_v'); ?>

        <div class="row">
            <div class="col-xs-12">
                <div class="card">
                    <div class="card-header">
                        <div class="card-title">
                            <div class="title">Kelas</div>
                        </div>
                        <div class="pull-right card-action">
                            <button class="btn add" title="Tambah"
data-toggle="modal" data-target="#modal_form">
                                <i class="fa fa-plus"></i> Tambah
                            </button>
                            <button class="btn delete_all"
title="Hapus Semua" data-toggle="modal" data-target="#modal_confirm">
                                <i class="fa fa-trash"></i> Hapus
Semua
                            </button>
                        </div>
                    </div>
                </div>
            </div>
            <div class="card-body">
                <table class="datatable table table-
striped table-hover table-responsive" cellspacing="0" width="100%" data-page-
length="5">
                    <thead>
                        <tr>
                            <th>Ordo</th>
                            <th>Kelas</th>
                            <th>Deskripsi</th>
                            <th></th>
                        </tr>
                    </thead>
                    <tfoot>
                        <tr>
                            <th>Ordo</th>
                            <th>Kelas</th>
                            <th>Deskripsi</th>
                            <th></th>
                        </tr>
                    </tfoot>
                </table>
            </div>
        </div>
    </div>
<?php
```

```

$query = $this->kelas_m-
>view();

foreach($query->result() as
$row) :

    ?>

    <tr>
        <td>
            <?php echo $row->ordo; ?>
            <input type="hidden"
id="id_ordo_<?php echo $row->id_kelas; ?>" value="<?php echo $row->id_ordo;
?>">
        </td>
        <td>
            <?php echo $row->kelas; ?>
            <input type="hidden"
id="kelas_<?php echo $row->id_kelas; ?>" value="<?php echo $row->kelas; ?>">
        </td>
        <td>
            <?php echo $row-
>deskripsi; ?>
            <input type="hidden"
id="deskripsi_<?php echo $row->id_kelas; ?>" value="<?php echo $row-
>deskripsi; ?>">
        </td>
        <td>
            <button class="btn edit"
id="edit_<?PHP echo $row->id_kelas; ?>" title="Ubah" data-toggle="modal" data-
target="#modal_form">
                <i class="fa fa-
pencil"></i> Ubah
            </button>
            <button class="btn delete"
id="delete_<?PHP echo $row->id_kelas; ?>" title="Hapus" data-toggle="modal"
data-target="#modal_confirm">
                <i class="fa fa-
trash"></i> Hapus
            </button>
        </td>
    </tr>

    <?php endforeach; ?>

</tbody>
</table>
</div>
</div>

```

```

        </div>
    </div>

    <div class="modal fade" id="modal_confirm" role="dialog"
aria-labelledby="myModallLabel" aria-hidden="true">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header">
                    <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                    <h4 class="modal-title text-
left">Konfirmasi</h4>
                </div>
                <div class="modal-body">
                    <p class="text-left" id="confirm_str">
                        Apakah Anda yakin akan menghapus data
?
                    </p>
                </div>
                <div class="modal-footer">
                    <button type="button" class="btn btn-
primary" id="delete_all">Ok</button>
                    <button type="button" class="btn btn-
primary" id="delete">Ok</button>
                    <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
                </div>
            </div>
        </div>
    </div>

    <div class="modal fade" id="modal_form" role="dialog"
aria-labelledby="myModallLabel" aria-hidden="true">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header">
                    <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                    <h4 class="modal-title text-left">Form
Kelas</h4>
                </div>
                <div class="modal-body">
                    <form role="form" method="post" id="form">
                        <div class="form-group">
                            <label for="ordo">Ordo</label>
                            <select class="form-control"
name="id_ordo" id="id_ordo">

<?php

```

```

$query = $this->ordo_m-
>view();

foreach($query->result()
as $row) :

    ?>

    <option value="<?php echo
$row->id_ordo; ?>"><?php echo $row->ordo; ?></option>

    <?php
        endforeach;
    ?>

</select>
<input type="hidden"
name="id_kelas" id="id_kelas">
    <input type="hidden"
name="kelas_tmp" id="kelas_tmp">
</div>
<div class="form-group">
    <label for="kelas">Kelas</label>
    <input type="text" class="form-
control" name="kelas" id="kelas" placeholder="Kelas" required>
</div>
<div class="form-group">
    <label
for="deskripsi">Deskripsi</label>
    <textarea class="form-control"
name="deskripsi" id="deskripsi" placeholder="Deskripsi"></textarea>
</div>
</form>
</div>
<div class="modal-footer">
    <button type="submit" class="btn btn-
primary" id="save" form="form">
        <span class="fa fa-save"></span>
        Simpan
    </button>
    <button type="submit" class="btn btn-
primary" id="update" form="form">
        <span class="fa fa-save"></span>
        Perbaharui
    </button>
    <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
</div>
</div>

```

```

        </div>
    </div>

<?php $this->load->view('footer_v'); ?>

<script>
    function save_onclick() {
        if($('#id_ordo').val()) {
            $.post('<?php echo site_url("kelas/save"); ?>',
$('##form').serialize(), function (response) {
                if(response) {
                    loading();

                    window.document.location = '<?php echo site_url("kelas");
?>';

                }
            });
        }
        else
            alert('Ordo harus diisi');

        return false;
    }

    function update_onclick() {
        $.post('<?php echo site_url("kelas/update"); ?>',
$('##form').serialize(), function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo site_url("kelas"); ?>';
            }
        });

        return false;
    }

$(document).ready(function () {
    $('#add').click(function () {
        $('#save').show();
        $('#update').hide();

        $('#form').attr('onsubmit', 'return save_onclick();');

        $('#id_ordo').find('option:first-child').prop('selected',
true).end().trigger('liszt:updated');
        $('#kelas').val('');
        $('#deskripsi').val('');
    });
});

```

```

});

$('.edit').click(function () {
    $('#save').hide();
    $('#update').show();

    $('#form').attr('onsubmit', 'return update_onclick();');

    var id = this.id.substr(5);

    $('#id_kelas').val(id);
    $('#id_ordo').val($('#id_ordo_' +
id).val()).trigger('liszt:updated');
    $('#kelas').val($('#kelas_' + id).val());
    $('#deskripsi').val($('#deskripsi_' + id).val());
});

$('.delete_all').click(function () {
    $('#delete').hide();
    $('#delete_all').show();

    $('#confirm_str').html('Apakah Anda yakin akan menghapus semua
data ?');
});

$('#delete_all').click(function () {
    $.post('<?php echo site_url("kelas/delete"); ?>', function
(response) {
        if(response) {
            loading();

            window.document.location = '<?php echo site_url("kelas");
?>';
        }
    });
});

$('.delete').click(function () {
    $('#delete').show();
    $('#delete_all').hide();

    $('#confirm_str').html('Apakah Anda yakin akan menghapus data ?');

    var id = this.id.substr(7);

    $('#id_kelas').val(id);
});

```



```

        $('#delete').click(function () {
            $.post('<?php echo site_url("kelas/delete"); ?>/' +
                $('#id_kelas').val(), function (response) {
                    if(response) {
                        loading();

                        window.document.location = '<?php echo site_url("kelas");
?>';
                    }
                });
        });

        $('#id_ordo').chosen({
            'no_results_text': 'Tidak ada hasil yang ditemukan untuk',
            'placeholder_text_single': 'Pilih Opsi'
        });
    });
</script>

```

kelompok_tanaman_v.php

```

<?php $this->load->view('header_v'); ?>

        <div class="row">
            <div class="col-xs-12">
                <div class="card">
                    <div class="card-header">
                        <div class="card-title">
                            <div class="title">Kelompok
Tanaman</div>
                        </div>
                        <div class="pull-right card-action">
                            <button class="btn add" title="Tambah"
data-toggle="modal" data-target="#modal_form">
                                <i class="fa fa-plus"></i> Tambah
                            </button>
                            <button class="btn delete_all"
title="Hapus Semua" data-toggle="modal" data-target="#modal_confirm">
                                <i class="fa fa-trash"></i> Hapus
Semua
                            </button>
                        </div>
                    </div>
                    <div class="card-body">
                        <table class="datatable table table-
striped table-hover table-responsive" cellspacing="0" width="100%" data-page-
length="5">
                            <thead>
                                <tr>

```

```

                <th>Kelompok Tanaman</th>
                <th>Deskripsi</th>
                <th></th>
            </tr>
        </thead>
        <tfoot>
            <tr>
                <th>Kelompok Tanaman</th>
                <th>Deskripsi</th>
                <th></th>
            </tr>
        </tfoot>
        <tbody>

            <?php
                $query = $this->kelompok_tanaman_m->view();

                foreach($query->result() as
$row) :

                    <tr>
                        <td>
                            <?php echo $row->kelompok_tanaman; ?>
                            <input type="hidden"
id="kelompok_tanaman_<?php echo $row->id_kelompok_tanaman; ?>" value="<?php
echo $row->kelompok_tanaman; ?>">
                        </td>
                        <td>
                            <?php echo $row->deskripsi; ?>
                            <input type="hidden"
id="deskripsi_<?php echo $row->id_kelompok_tanaman; ?>" value="<?php echo
$row->deskripsi; ?>">
                        </td>
                        <td>
                            <button class="btn edit"
id="edit_<?PHP echo $row->id_kelompok_tanaman; ?>" title="Ubah" data-
toggle="modal" data-target="#modal_form">
                                <i class="fa fa-
pencil"></i> Ubah
                            </button>
                            <button class="btn delete"
id="delete_<?PHP echo $row->id_kelompok_tanaman; ?>" title="Hapus" data-
toggle="modal" data-target="#modal_confirm">

```

```
<i class="fa fa-trash"></i> Hapus  
        </button>  
    </td>  
</tr>  
  
<?php endforeach; ?>  
  
</tbody>  
</table>  
</div>  
</div>  
</div>  
</div>  
  
<div class="modal fade" id="modal_confirm" role="dialog"  
aria-labelledby="myModalLabel" aria-hidden="true">  
    <div class="modal-dialog">  
        <div class="modal-content">  
            <div class="modal-header">  
                <button type="button" class="close" data-  
dismiss="modal" aria-hidden="true">&times;</button>  
                <h4 class="modal-title text-  
left">Konfirmasi</h4>  
            </div>  
            <div class="modal-body">  
                <p class="text-left" id="confirm_str">  
                    Apakah Anda yakin akan menghapus data  
?  
                </p>  
            </div>  
            <div class="modal-footer">  
                <button type="button" class="btn btn-  
primary" id="delete_all">Ok</button>  
                <button type="button" class="btn btn-  
primary" id="delete">Ok</button>  
                <button type="button" class="btn btn-  
default" data-dismiss="modal">Batal</button>  
            </div>  
        </div>  
    </div>  
</div>  
  
<div class="modal fade" id="modal_form" role="dialog"  
aria-labelledby="myModalLabel" aria-hidden="true">  
    <div class="modal-dialog">  
        <div class="modal-content">  
            <div class="modal-header">
```

```

        <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
        <h4 class="modal-title text-left">Form
Kelompok Tanaman</h4>
    </div>
    <div class="modal-body">
        <form role="form" method="post" id="form">
            <div class="form-group">
                <label
for="kelompok_tanaman">Kelompok Tanaman</label>
                <input type="text" class="form-
control" name="kelompok_tanaman" id="kelompok_tanaman" placeholder="Kelompok
Tanaman" required>
                <input type="hidden"
name="id_kelompok_tanaman" id="id_kelompok_tanaman">
                <input type="hidden"
name="kelompok_tanaman_tmp" id="kelompok_tanaman_tmp">
            </div>
            <div class="form-group">
                <label
for="deskripsi">Deskripsi</label>
                <textarea class="form-control"
name="deskripsi" id="deskripsi" placeholder="Deskripsi"></textarea>
            </div>
        </form>
    </div>
    <div class="modal-footer">
        <button type="submit" class="btn btn-
primary" id="save" form="form">
            <span class="fa fa-save"></span>
Simpan
        </button>
        <button type="submit" class="btn btn-
primary" id="update" form="form">
            <span class="fa fa-save"></span>
Perbaharui
        </button>
        <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
    </div>
</div>
</div>
</div>
</div>

<?php $this->load->view('footer_v'); ?>

<script>
    function save_onclick() {

```

```

        $.post('<?php echo site_url("kelompok_tanaman/save"); ?>',
$('#form').serialize(), function (response) {
    if(response) {
        loading();

        window.document.location = '<?php echo
site_url("kelompok_tanaman"); ?>';
    }
});

return false;
}

function update_onclick() {
    $.post('<?php echo site_url("kelompok_tanaman/update"); ?>',
$('#form').serialize(), function (response) {
    if(response) {
        loading();

        window.document.location = '<?php echo
site_url("kelompok_tanaman"); ?>';
    }
});

return false;
}

$(document).ready(function () {
    $('#add').click(function () {
        $('#save').show();
        $('#update').hide();

        $('#form').attr('onsubmit', 'return save_onclick();');

        $('#kelompok_tanaman').val('');
        $('#deskripsi').val('');
    });

    $('#edit').click(function () {
        $('#save').hide();
        $('#update').show();

        $('#form').attr('onsubmit', 'return update_onclick();');

        var id = this.id.substr(5);

        $('#id_kelompok_tanaman').val(id);
        $('#kelompok_tanaman').val($('#kelompok_tanaman_' + id).val());

```

```

        $('#deskripsi').val($('#deskripsi_' + id).val());
    });

    $('.delete_all').click(function () {
        $('#delete').hide();
        $('#delete_all').show();

        $('#confirm_str').html('Apakah Anda yakin akan menghapus semua
data ?');
    });

    $('.delete_all').click(function () {
        $.post('<?php echo site_url("kelompok_tanaman/delete"); ?>',
function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo
site_url("kelompok_tanaman"); ?>';
            }
        });
    });

    $('#delete').click(function () {
        $('#delete').show();
        $('#delete_all').hide();

        $('#confirm_str').html('Apakah Anda yakin akan menghapus data ?');

        var id = this.id.substr(7);

        $('#id_kelompok_tanaman').val(id);
    });

    $('#delete').click(function () {
        $.post('<?php echo site_url("kelompok_tanaman/delete"); ?>' +
$('#id_kelompok_tanaman').val(), function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo
site_url("kelompok_tanaman"); ?>';
            }
        });
    });
});
</script>

```

kualitas_lahan_v.php

```
<?php $this->load->view('header_v'); ?>

        <div class="row">
            <div class="col-xs-12">
                <div class="card">
                    <div class="card-header">
                        <div class="card-title">
                            <div class="title">Kualitas
Lahan</div>
                        </div>
                        <div class="pull-right card-action">
                            <button class="btn add" title="Tambah"
data-toggle="modal" data-target="#modal_form">
                                <i class="fa fa-plus"></i> Tambah
                            </button>
                            <button class="btn delete_all"
title="Hapus Semua" data-toggle="modal" data-target="#modal_confirm">
                                <i class="fa fa-trash"></i> Hapus
Semua
                            </button>
                        </div>
                    </div>
                    <div class="card-body">
                        <table class="datatable table table-
striped table-hover table-responsive" cellspacing="0" width="100%" data-page-
length="5">
                            <thead>
                                <tr>
                                    <th>Kualitas Lahan</th>
                                    <th>Deskripsi</th>
                                    <th></th>
                                </tr>
                            </thead>
                            <tfoot>
                                <tr>
                                    <th>Kualitas Lahan</th>
                                    <th>Deskripsi</th>
                                    <th></th>
                                </tr>
                            </tfoot>
                            <tbody>

                                <?php
                                    $query = $this-
>kualitas_lahan_m->view();
```

```

                                foreach($query->result() as
$row) :
                                ?>

                                <tr>
                                    <td>
                                        <?php echo $row-
>kualitas_lahan; ?>
                                        <input type="hidden"
id="kualitas_lahan_<?php echo $row->id_kualitas_lahan; ?>" value="<?php echo
$row->kualitas_lahan; ?>">
                                        </td>
                                    <td>
                                        <?php echo $row-
>deskripsi; ?>
                                        <input type="hidden"
id="deskripsi_<?php echo $row->id_kualitas_lahan; ?>" value="<?php echo $row-
>deskripsi; ?>">
                                        </td>
                                    <td>
                                        <button class="btn edit"
id="edit_<?PHP echo $row->id_kualitas_lahan; ?>" title="Ubah" data-
toggle="modal" data-target="#modal_form">
                                            <i class="fa fa-
pencil"></i> Ubah
                                        </button>
                                        <button class="btn delete"
id="delete_<?PHP echo $row->id_kualitas_lahan; ?>" title="Hapus" data-
toggle="modal" data-target="#modal_confirm">
                                            <i class="fa fa-
trash"></i> Hapus
                                        </button>
                                    </td>
                                </tr>

                                <?php endforeach; ?>

                            </tbody>
                        </table>
                    </div>
                </div>
            </div>
        </div>

        <div class="modal fade" id="modal_confirm" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">

```



```

        <div class="modal-header">
            <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
            <h4 class="modal-title text-
left">Konfirmasi</h4>
        </div>
        <div class="modal-body">
            <p class="text-left" id="confirm_str">
                Apakah Anda yakin akan menghapus data
?
            </p>
        </div>
        <div class="modal-footer">
            <button type="button" class="btn btn-
primary" id="delete_all">Ok</button>
            <button type="button" class="btn btn-
primary" id="delete">Ok</button>
            <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
        </div>
    </div>
</div>
<div class="modal fade" id="modal_form" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header">
                <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                <h4 class="modal-title text-left">Form
Kualitas Lahan</h4>
            </div>
            <div class="modal-body">
                <form role="form" method="post" id="form">
                    <div class="form-group">
                        <label
for="kualitas_lahan">Kualitas Lahan</label>
                        <input type="text" class="form-
control" name="kualitas_lahan" id="kualitas_lahan" placeholder="Kualitas
Lahan" required>
                        <input type="hidden"
name="id_kualitas_lahan" id="id_kualitas_lahan">
                        <input type="hidden"
name="kualitas_lahan_tmp" id="kualitas_lahan_tmp">
                    </div>
                    <div class="form-group">

```

```

                                <label
for="deskripsi">Deskripsi</label>
                                <textarea class="form-control"
name="deskripsi" id="deskripsi" placeholder="Deskripsi"></textarea>
                                </div>
                            </form>
                        </div>
                        <div class="modal-footer">
                            <button type="submit" class="btn btn-
primary" id="save" form="form">
                                <span class="fa fa-save"></span>
Simpan
                                </button>
                            <button type="submit" class="btn btn-
primary" id="update" form="form">
                                <span class="fa fa-save"></span>
Perbaharui
                                </button>
                            <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
                        </div>
                    </div>
                </div>
            </div>
        </div>

<?php $this->load->view('footer_v'); ?>

<script>
    function save_onclick() {
        $.post('<?php echo site_url("kualitas_lahan/save"); ?>',
$('#form').serialize(), function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo
site_url("kualitas_lahan"); ?>';
            }
        });

        return false;
    }

    function update_onclick() {
        $.post('<?php echo site_url("kualitas_lahan/update"); ?>',
$('#form').serialize(), function (response) {
            if(response) {
                loading();

```

```

        window.document.location = '<?php echo
site_url("kualitas_lahan"); ?>';
    }
});

return false;
}

$(document).ready(function () {
    $('#add').click(function () {
        $('#save').show();
        $('#update').hide();

        $('#form').attr('onsubmit', 'return save_onclick();');

        $('#kualitas_lahan').val('');
        $('#deskripsi').val('');
    });

    $('#edit').click(function () {
        $('#save').hide();
        $('#update').show();

        $('#form').attr('onsubmit', 'return update_onclick();');

        var id = this.id.substr(5);

        $('#id_kualitas_lahan').val(id);
        $('#kualitas_lahan').val($('#kualitas_lahan_' + id).val());
        $('#deskripsi').val($('#deskripsi_' + id).val());
    });

    $('#delete_all').click(function () {
        $('#delete').hide();
        $('#delete_all').show();

        $('#confirm_str').html('Apakah Anda yakin akan menghapus semua
data ?');
    });

    $('#delete_all').click(function () {
        $.post('<?php echo site_url("kualitas_lahan/delete"); ?>',
function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo
site_url("kualitas_lahan"); ?>';

```

```

    }
  });
});

$('.delete').click(function () {
  $('#delete').show();
  $('#delete_all').hide();

  $('#confirm_str').html('Apakah Anda yakin akan menghapus data ?');

  var id = this.id.substr(7);

  $('#id_kualitas_lahan').val(id);
});

$('#delete').click(function () {
  $.post('<?php echo site_url("kualitas_lahan/delete"); ?>/' +
$('#id_kualitas_lahan').val(), function (response) {
    if(response) {
      loading();

      window.document.location = '<?php echo
site_url("kualitas_lahan"); ?>';
    }
  });
});
});
</script>

```

ordo_v.php

```

<?php $this->load->view('header_v'); ?>

<div class="row">
  <div class="col-xs-12">
    <div class="card">
      <div class="card-header">
        <div class="card-title">
          <div class="title">Ordo</div>
        </div>
        <div class="pull-right card-action">
          <button class="btn add" title="Tambah"
data-toggle="modal" data-target="#modal_form">
            <i class="fa fa-plus"></i> Tambah
          </button>
          <button class="btn delete_all"
title="Hapus Semua" data-toggle="modal" data-target="#modal_confirm">
            <i class="fa fa-trash"></i> Hapus
          Semua

```

```

        </button>
    </div>
</div>
<div class="card-body">
    <table class="datatable table table-
striped table-hover table-responsive" cellspacing="0" width="100%" data-page-
length="5">
        <thead>
            <tr>
                <th>Ordo</th>
                <th>Deskripsi</th>
                <th></th>
            </tr>
        </thead>
        <tfoot>
            <tr>
                <th>Ordo</th>
                <th>Deskripsi</th>
                <th></th>
            </tr>
        </tfoot>
        <tbody>

            <?php
                $query = $this->ordo_m-
>view();

                foreach($query->result() as
$row) :

                    ?>

                    <tr>
                        <td>
                            <?php echo $row->ordo; ?>
                            <input type="hidden"
id="ordo_<?php echo $row->id_ordo; ?>" value="<?php echo $row->ordo; ?>"
                            </td>
                        <td>
                            <?php echo $row-
>deskripsi; ?>
                            <input type="hidden"
id="deskripsi_<?php echo $row->id_ordo; ?>" value="<?php echo $row->deskripsi;
?>"
                            </td>
                        <td>
                            <button class="btn edit"
id="edit_<?PHP echo $row->id_ordo; ?>" title="Ubah" data-toggle="modal" data-
target="#modal_form">

```

```

                                <i class="fa fa-
pencil"></i> Ubah
                                </button>
                                <button class="btn delete"
id="delete_<?PHP echo $row->id_ordo; ?>" title="Hapus" data-toggle="modal"
data-target="#modal_confirm">
                                <i class="fa fa-
trash"></i> Hapus
                                </button>
                                </td>
                            </tr>

                            <?php endforeach; ?>

                        </tbody>
                    </table>
                </div>
            </div>
        </div>
    </div>

    <div class="modal fade" id="modal_confirm" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header">
                    <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                    <h4 class="modal-title text-
left">Konfirmasi</h4>
                </div>
                <div class="modal-body">
                    <p class="text-left" id="confirm_str">
                        Apakah Anda yakin akan menghapus data
?
                    </p>
                </div>
                <div class="modal-footer">
                    <button type="button" class="btn btn-
primary" id="delete_all">Ok</button>
                    <button type="button" class="btn btn-
primary" id="delete">Ok</button>
                    <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
                </div>
            </div>
        </div>
    </div>
</div>

```

```

        <div class="modal fade" id="modal_form" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                        <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                        <h4 class="modal-title text-left">Form
Ordo</h4>

                    </div>
                    <div class="modal-body">
                        <form role="form" method="post" id="form">
                            <div class="form-group">
                                <label for="ordo">Ordo</label>
                                <input type="text" class="form-
control" name="ordo" id="ordo" placeholder="Ordo" required>
                                <input type="hidden"
name="id_ordo" id="id_ordo">
                                <input type="hidden"
name="ordo_tmp" id="ordo_tmp">
                            </div>
                            <div class="form-group">
                                <label
for="deskripsi">Deskripsi</label>
                                <textarea class="form-control"
name="deskripsi" id="deskripsi" placeholder="Deskripsi"></textarea>
                            </div>
                        </form>
                    </div>
                    <div class="modal-footer">
                        <button type="submit" class="btn btn-
primary" id="save" form="form">
                            <span class="fa fa-save"></span>
Simpan
                        </button>
                        <button type="submit" class="btn btn-
primary" id="update" form="form">
                            <span class="fa fa-save"></span>
Perbaharui
                        </button>
                        <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
                    </div>
                </div>
            </div>
        </div>
    </div>
<?php $this->load->view('footer_v'); ?>

```

```

<script>
    function save_onclick() {
        $.post('<?php echo site_url("ordo/save"); ?>', $('#form').serialize(),
function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo site_url("ordo"); ?>';
            }
        });

        return false;
    }

    function update_onclick() {
        $.post('<?php echo site_url("ordo/update"); ?>',
$('#form').serialize(), function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo site_url("ordo"); ?>';
            }
        });

        return false;
    }

$(document).ready(function () {
    $('#add').click(function () {
        $('#save').show();
        $('#update').hide();

        $('#form').attr('onsubmit', 'return save_onclick();');

        $('#ordo').val('');
        $('#deskripsi').val('');
    });

    $('#edit').click(function () {
        $('#save').hide();
        $('#update').show();

        $('#form').attr('onsubmit', 'return update_onclick();');

        var id = this.id.substr(5);

        $('#id_ordo').val(id);

```



```

        $('#ordo').val($('#ordo_' + id).val());
        $('#deskripsi').val($('#deskripsi_' + id).val());
    });

    $('.delete_all').click(function () {
        $('#delete').hide();
        $('#delete_all').show();

        $('#confirm_str').html('Apakah Anda yakin akan menghapus semua
data ?');
    });

    $('.delete_all').click(function () {
        $.post('<?php echo site_url("ordo/delete"); ?>', function
(response) {
            if(response) {
                loading();

                window.document.location = '<?php echo site_url("ordo");
?>';
            }
        });
    });

    $('.delete').click(function () {
        $('#delete').show();
        $('#delete_all').hide();

        $('#confirm_str').html('Apakah Anda yakin akan menghapus data ?');

        var id = this.id.substr(7);

        $('#id_ordo').val(id);
    });

    $('#delete').click(function () {
        $.post('<?php echo site_url("ordo/delete"); ?>' +
$('#id_ordo').val(), function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo site_url("ordo");
?>';
            }
        });
    });
});
</script>

```

rules_tanaman_v.php

```
<?php
    $this->load->view('header_v');

    $id = base64_decode(urldecode($this->uri->segment(3)));

    $rows = $this->tanaman_m->view($id)->row();
?>

        <div class="row">
            <div class="col-xs-12">
                <div class="card">
                    <div class="card-header">
                        <div class="card-title">
                            <div class="title">Rules Tanaman <?php
echo $rows->tanaman; ?></div>
                        </div>
                        <div class="pull-right card-action">
                            <button class="btn add" title="Tambah"
data-toggle="modal" data-target="#modal_form">
                                <i class="fa fa-plus"></i> Tambah
                            </button>
                            <button class="btn delete_all"
title="Hapus Semua" data-toggle="modal" data-target="#modal_confirm">
                                <i class="fa fa-trash"></i> Hapus
                            </button>
                            </div>
                        </div>
                    </div>
                    <div class="card-body">
                        <table class="datatable table table-
striped table-hover table-responsive" cellspacing="0" width="100%" data-page-
length="5">
                            <thead>
                                <tr>
                                    <th>Rules</th>
                                    <th></th>
                                </tr>
                            </thead>
                            <tfoot>
                                <tr>
                                    <th>Rules</th>
                                    <th></th>
                                </tr>
                            </tfoot>
                            <tbody>

                                <?php
```

```

                                $query = $this->rules_m-
>view_by_id_tanaman($id);

                                foreach($query->result() as
$row) :

                                ?>

                                <tr>
                                <td><?php echo $row->rules;
?></td>

                                <td>
                                <button class="btn delete"
id="delete_<?PHP echo $row->id_rules; ?>" title="Hapus" data-toggle="modal"
data-target="#modal_confirm">

                                <i class="fa fa-
trash"></i> Hapus

                                </button>
                                </td>
                                </tr>

                                <?php endforeach; ?>

                                </tbody>
                                </table>
                                </div>
                                </div>
                                </div>
                                </div>
                                </div>

                                <div class="modal fade" id="modal_confirm" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
                                <div class="modal-dialog">
                                <div class="modal-content">
                                <div class="modal-header">
                                <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                                <h4 class="modal-title text-
left">Konfirmasi</h4>

                                </div>
                                <div class="modal-body">
                                <p class="text-left" id="confirm_str">
                                Apakah Anda yakin akan menghapus data
?

                                </p>
                                </div>
                                <div class="modal-footer">
                                <button type="button" class="btn btn-
primary" id="delete_all">Ok</button>

```

```

<button type="button" class="btn btn-
primary" id="delete">Ok</button>
<button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
</div>
</div>
</div>
</div>
<div class="modal fade" id="modal_form" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
<div class="modal-dialog">
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
<h4 class="modal-title text-left">Form
Rules Tanaman <?php echo $rows->tanaman; ?></h4>
</div>
<div class="modal-body">
<form role="form" method="post" id="form">
<div class="form-group">
<label for="preview">Preview
Rules</label>
<div class="form-control"
id="preview"></div>
<div class="form-control hide"
id="p"></div>
<input type="hidden"
name="id_rules" id="id_rules">
<input type="hidden" name="rules"
id="rules">
<input type="hidden" name="syntax"
id="syntax">
<input type="hidden"
name="id_tanaman" id="id_tanaman" value="<?php echo $id; ?>">
</div>
<div class="form-group">
<label
for="id_karakteristik_lahan">Karakteristik Lahan</label>
<select class="form-control"
name="id_karakteristik_lahan" id="id_karakteristik_lahan">
<option></option>
<?php
$query = $this-
>karakteristik_lahan_m->view();

```

```

                                foreach($query->result()
as $row) :
                                ?>

                                <option value="<?php echo
$row->id_karakteristik_lahan; ?>"><?php echo $row->karakteristik_lahan;
?></option>

                                <?php
                                endforeach;
                                ?>

                                </select>
</div>
<div class="form-group">
    <label
for="operator">Operator</label>
    <select class="form-control"
name="operator" id="operator">
        <option></option>
        <option value="">=</option>
        <option
value="&gt;">&gt;</option>
        <option
value="&gt;=">&gt;=</option>
        <option
value="&lt;">&lt;</option>
        <option
value="&lt;=">&lt;=</option>
        <option value="!=">!=</option>
        <option
value="BETWEEN">BETWEEN</option>
        <option value="NOT
BETWEEN">NOT BETWEEN</option>
        </select>
</div>
<div class="form-group">
    <label for="value">Nilai</label>
    <input type="text" class="form-
control" name="value" id="value" placeholder="Nilai" required>
</div>
<div class="form-group">
    <label
for="id_kelas">Kelas</label>
    <select class="form-control"
name="id_kelas" id="id_kelas">
        <option></option>

```

```

                                <?php
                                    $query = $this->kelas_m-
>view();

                                foreach($query->result()
as $row) :

                                    ?>

                                <option value="<?php echo
$row->id_kelas; ?>"><?php echo $row->kelas; ?></option>

                                <?php
                                    endforeach;
                                    ?>

                                </select>
                                </div>
                                </form>
                                </div>
                                <div class="modal-footer">
                                    <button type="button" class="btn btn-
default pull-left" id="and">AND</button>
                                    <button type="button" class="btn btn-
default pull-left" id="or">OR</button>
                                    <button type="submit" class="btn btn-
primary" id="save" form="form">
                                        <span class="fa fa-save"></span>
Simpan
                                    </button>
                                    <button type="submit" class="btn btn-
primary" id="update" form="form">
                                        <span class="fa fa-save"></span>
Perbaharui
                                    </button>
                                    <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
                                </div>
                                </div>
                                </div>
                                </div>
                                </div>

<?php $this->load->view('footer_v'); ?>

<script>
    function save_onclick() {
        if($('#id_karakteristik_lahan').val() && $('#operator').val() &&
$('#value').val() && $('#id_kelas').val()) {
            $('#rules').val($('#preview').html()).text();

```

```

        $('#syntax').val($('#p').html()).text());

        $.post('<?php echo site_url("rules/save"); ?>',
$('#form').serialize(), function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo
site_url("rules/tanaman/" .urlencode(base64_encode($id))); ?>';
            }
        });
    }
    else
        alert('Silahkan lengkapi rules terlebih dahulu');

    return false;
}

$(document).ready(function () {
    $('#add').click(function () {
        $('#save').show();
        $('#update').hide();

        $('#form').attr('onsubmit', 'return save_onclick();');

        $('#preview').html('<div>IF <span class="condition">' +
            '<span
class="cond">...</span> ' +
            '<span
class="opr">...</span> ' +
            '<span
class="val">...</span> ' +
            '<span
class="condition"></span>' +
            '</span> ' +
            'THEN Kelas = <span
id="result">...</span></div>');

        /*$('#p').html('<div>if(<span class="cs">' +
            '<span
class="c">...</span> ' +
            '<span
class="o">...</span> ' +
            '<span
class="v">...</span>' +
            '<span class="cs"></span>'
+
            '</span>' +

```

```

'echo $output = <span
id="r">...</span></div>');*/

    $('#p').html('<div>SELECT <span id="r">...</span> AS output ' +
        'FROM dual ' +
        'WHERE <span class="cs">' +
            '<span
class="c">...</span> ' +
            '<span
class="o">...</span> ' +
            '<span
class="v">...</span>' +
            '<span class="cs"></span>'
+
            '</span></div>');

    $('#id_karakteristik_lahan').find('option:first-
child').prop('selected', true).end().trigger('liszt:updated');
    $('#operator').find('option:first-child').prop('selected',
true).end().trigger('liszt:updated');
    $('#value').val('');
    $('#id_kelas').find('option:first-child').prop('selected',
true).end().trigger('liszt:updated');

    });

    $('.delete_all').click(function () {
        $('#delete').hide();
        $('#delete_all').show();

        $('#confirm_str').html('Apakah Anda yakin akan menghapus semua
data ?');
    });

    $('#delete_all').click(function () {
        $.post('<?php echo site_url("rules/delete_by_id_tanaman/" . $id);
?>', function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo
site_url("rules/tanaman/" . urlencode(base64_encode($id))); ?>';
            }
        });
    });

    $('#delete').click(function () {
        $('#delete').show();

```



```

        $('#delete_all').hide();

        $('#confirm_str').html('Apakah Anda yakin akan menghapus data ?');

        var id = this.id.substr(7);

        $('#id_rules').val(id);
    });

    $('#delete').click(function () {
        $.post('<?php echo site_url("rules/delete"); ?>/' +
        $('#id_rules').val(), function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo
site_url("rules/tanaman/".urlencode(base64_encode($id))); ?>';
            }
        });
    });

    $('#id_karakteristik_lahan, #operator, #id_kelas').chosen({
        'no_results_text': 'Tidak ada hasil yang ditemukan untuk',
        'placeholder_text_single': 'Pilih Opsi'
    });

    $('#id_karakteristik_lahan').change(function () {
        $('.c:eq(' + ($('#c').length - 1) + ')').html('\'$input["input_' +
        $(this).val() + '"\']\''');

        $.post('<?php echo site_url("karakteristik_lahan/view"); ?>/' +
        $(this).val(), function (response) {
            $('.cond:eq(' + ($('#cond').length - 1) + ')').html(response);
        });
    });

    $('#operator').change(function () {
        $('.o:eq(' + ($('#o').length - 1) + ')').html($(this).val());
        $('.opr:eq(' + ($('#opr').length - 1) + ')').html($(this).val());
    });

    $('#value').keyup(function () {
        if($('#operator').val() == '=')
            $('.v:eq(' + ($('#v').length - 1) + ')').html('"' +
        $(this).val().toLowerCase() + '"');
        else
            $('.v:eq(' + ($('#v').length - 1) +
        ')').html($(this).val().toLowerCase());
    });

```

```

        $('#val:eq(' + ($('#val').length - 1) + ')').html($(this).val());
    });

    $('#value').change(function () {
        $('#value').keyup();
    });

    $('#id_kelas').change(function () {
        $('#r').html($(this).val());

        $.post('<?php echo site_url("kelas/view"); ?>/' + $(this).val(),
function(response) {
            $('#result').html(response['deskripsi'] + ' (' +
response['kelas'] + ')');
        }, 'json');
    });

    $('#and').click(function () {
        if($('#id_karakteristik_lahan').val() && $('#operator').val() &&
$('#value').val()) {
            $('.condition:eq(' + ($('#condition').length - 1) +
')').html(' AND <span class="cond">...</span> ' +
                                '<span
class="opr">...</span> ' +
                                '<span
class="val">...</span> ' +
                                '<span
class="condition"></span>');

            /*$('#.cs:eq(' + ($('#cs').length - 1) + ')').html(' && <span
class="c">...</span> ' +
                                '<span
class="o">...</span> ' +
                                '<span
class="v">...</span> ' +
                                '<span
class="cs"></span>');*/

            $('.cs:eq(' + ($('#cs').length - 1) + ')').html(' AND <span
class="c">...</span> ' +
                                '<span
class="o">...</span> ' +
                                '<span
class="v">...</span> ' +
                                '<span
class="cs"></span>');

```

```

        $('#id_karakteristik_lahan').find('option:first-child').prop('selected', true).end().trigger('liszt:updated');
        $('#operator').find('option:first-child').prop('selected', true).end().trigger('liszt:updated');
        $('#value').val('');
    }
    else
        alert('Silahkan lengkapi kondisi terlebih dahulu');
});

$('#or').click(function () {
    if($('#id_karakteristik_lahan').val() && $('#operator').val() && $('#value').val()) {
        $('.condition:eq(' + ($.condition).length - 1) + ')').html(' OR <span class="cond">...</span> ' +
            ' <span class="opr">...</span> ' +
            ' <span class="val">...</span> ' +
            ' <span class="condition"></span>');

        /*$('.cs:eq(' + ($.cs).length - 1) + ')').html(' || <span class="c">...</span> ' +
            ' <span class="o">...</span> ' +
            ' <span class="v">...</span> ' +
            ' <span class="cs"></span>');*/

        $('.cs:eq(' + ($.cs).length - 1) + ')').html(' OR <span class="c">...</span> ' +
            ' <span class="o">...</span> ' +
            ' <span class="v">...</span> ' +
            ' <span class="cs"></span>');

        $('#id_karakteristik_lahan').find('option:first-child').prop('selected', true).end().trigger('liszt:updated');
        $('#operator').find('option:first-child').prop('selected', true).end().trigger('liszt:updated');
        $('#value').val('');
    }
    else
        alert('Silahkan lengkapi kondisi terlebih dahulu');
});

```

```

    });
});
</script>

```

rules_v.php

```

<?php $this->load->view('header_v'); ?>

        <div class="row">
            <div class="col-xs-12">
                <div class="card">
                    <div class="card-header">
                        <div class="card-title">
                            <div class="title">Rules</div>
                        </div>
                        <div class="pull-right card-action">
                            <!--button class="btn add"
title="Tambah" data-toggle="modal" data-target="#modal_form">
                                <i class="fa fa-plus"></i> Tambah
                            </button-->
                            <button class="btn delete_all"
title="Hapus Semua" data-toggle="modal" data-target="#modal_confirm">
                                <i class="fa fa-trash"></i> Hapus
                            Semua
                            </button>
                        </div>
                    </div>
                </div>
            </div>
            <div class="card-body">
                <table class="datatable table table-
striped table-hover table-responsive" cellspacing="0" width="100%" data-page-
length="5">
                    <thead>
                        <tr>
                            <th>Tanaman</th>
                            <th>Rules</th>
                            <th></th>
                        </tr>
                    </thead>
                    <tfoot>
                        <tr>
                            <th>Tanaman</th>
                            <th>Rules</th>
                            <th></th>
                        </tr>
                    </tfoot>
                    <tbody>

                <?php

```

```

$query = $this->rules_m-
>view();

foreach($query->result() as
$row) :

    ?>

    <tr>
        <td><?php echo $row->tanaman;
?></td>

        <td><?php echo $row->rules;
?></td>

        <td>
            <button class="btn delete"
id="delete_<?PHP echo $row->id_rules; ?>" title="Hapus" data-toggle="modal"
data-target="#modal_confirm">

                <i class="fa fa-
trash"></i> Hapus

            </button>
        </td>
    </tr>

    <?php endforeach; ?>

</tbody>
</table>
</div>
</div>
</div>
</div>

<div class="modal fade" id="modal_confirm" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header">
                <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                <h4 class="modal-title text-
left">Konfirmasi</h4>
            </div>
            <div class="modal-body">
                <p class="text-left" id="confirm_str">
                    Apakah Anda yakin akan menghapus data
?
                </p>
            </div>
            <div class="modal-footer">

```

```

                                <button type="button" class="btn btn-
primary" id="delete_all">Ok</button>
                                <button type="button" class="btn btn-
primary" id="delete">Ok</button>
                                <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
                                </div>
                            </div>
                        </div>
                    <div class="modal fade" id="modal_form" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
                        <div class="modal-dialog">
                            <div class="modal-content">
                                <div class="modal-header">
                                    <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                                    <h4 class="modal-title text-left">Form
Rules</h4>
                                </div>
                                <div class="modal-body">
                                    <form role="form" method="post" id="form">
                                        <div class="form-group">
                                            <label for="preview">Preview
Rules</label>
                                            <div class="form-control"
id="preview"></div>
                                            <div class="form-control hide"
id="p"></div>
                                            <input type="hidden"
name="id_rules" id="id_rules">
                                            <input type="hidden" name="rules"
id="rules">
                                            <input type="hidden" name="syntax"
id="syntax">
                                            </div>
                                            <div class="form-group">
                                                <label
for="id_karakteristik_lahan">Karakteristik Lahan</label>
                                                <select class="form-control"
name="id_karakteristik_lahan" id="id_karakteristik_lahan">
                                                    <option></option>
                                                    <?php
                                                        $query = $this-
>karakteristik_lahan_m->view();

```

```

                                foreach($query->result()
as $row) :
                                ?>

                                <option value="<?php echo
$row->id_karakteristik_lahan; ?>"><?php echo $row->karakteristik_lahan;
?></option>

                                <?php
                                endforeach;
                                ?>

                                </select>
</div>
<div class="form-group">
    <label
for="operator">Operator</label>
    <select class="form-control"
name="operator" id="operator">
        <option></option>
        <option value="">=</option>
        <option
value="&gt;">&gt;</option>
        <option
value="&gt;=">&gt;=</option>
        <option
value="&lt;">&lt;</option>
        <option
value="&lt;=">&lt;=</option>
        <option value="!=">!=</option>
        <option
value="BETWEEN">BETWEEN</option>
        <option value="NOT
BETWEEN">NOT BETWEEN</option>
        </select>
</div>
<div class="form-group">
    <label for="value">Nilai</label>
    <input type="text" class="form-
control" name="value" id="value" placeholder="Nilai" required>
</div>
<div class="form-group">
    <label
for="id_kelas">Kelas</label>
    <select class="form-control"
name="id_kelas" id="id_kelas">
        <option></option>

```

```

                                <?php
                                    $query = $this->kelas_m-
>view();

                                foreach($query->result()
as $row) :

                                    ?>

                                <option value="<?php echo
$row->id_kelas; ?>"><?php echo $row->kelas; ?></option>

                                <?php
                                    endforeach;
                                    ?>

                                </select>
                                </div>
                                </form>
                                </div>
                                <div class="modal-footer">
                                    <button type="button" class="btn btn-
default pull-left" id="and">AND</button>
                                    <button type="button" class="btn btn-
default pull-left" id="or">OR</button>
                                    <button type="submit" class="btn btn-
primary" id="save" form="form">
                                        <span class="fa fa-save"></span>
Simpan
                                    </button>
                                    <button type="submit" class="btn btn-
primary" id="update" form="form">
                                        <span class="fa fa-save"></span>
Perbaharui
                                    </button>
                                    <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
                                </div>
                                </div>
                                </div>
                                </div>
                                </div>

<?php $this->load->view('footer_v'); ?>

<script>
    function save_onclick() {
        if($('#id_karakteristik_lahan').val() && $('#operator').val() &&
$('#value').val() && $('#id_kelas').val()) {
            $('#rules').val($('#preview').html()).text();

```



```

        $('#syntax').val($('#p').html()).text());

        $.post('<?php echo site_url("rules/save"); ?>',
$('#form').serialize(), function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo site_url("rules");
?>';
            }
        });
    }
    else
        alert('Silahkan lengkapi rules terlebih dahulu');

    return false;
}

$(document).ready(function () {
    $('#add').click(function () {
        $('#save').show();
        $('#update').hide();

        $('#form').attr('onsubmit', 'return save_onclick();');

        $('#preview').html('<div>IF <span class="condition">' +
            '<span
class="cond">...</span> ' +
            '<span
class="opr">...</span> ' +
            '<span
class="val">...</span> ' +
            '<span
class="condition"></span>' +
            '</span> ' +
            'THEN Kelas = <span
id="result">...</span></div>');

        /*$('#p').html('<div>if(<span class="cs">' +
            '<span
class="c">...</span> ' +
            '<span
class="o">...</span> ' +
            '<span
class="v">...</span>' +
            '<span class="cs"></span>'
+
            '</span>' +

```

```

'echo $output = <span
id="r">...</span></div>');*/

    $('#p').html('<div>SELECT <span id="r">...</span> AS output ' +
        'FROM dual ' +
        'WHERE <span class="cs">' +
            '<span
class="c">...</span> ' +
            '<span
class="o">...</span> ' +
            '<span
class="v">...</span>' +
            '<span class="cs"></span>'
+
            '</span></div>');

    $('#id_karakteristik_lahan').find('option:first-
child').prop('selected', true).end().trigger('liszt:updated');
    $('#operator').find('option:first-child').prop('selected',
true).end().trigger('liszt:updated');
    $('#value').val('');
    $('#id_kelas').find('option:first-child').prop('selected',
true).end().trigger('liszt:updated');

    });

    $('.delete_all').click(function () {
        $('#delete').hide();
        $('#delete_all').show();

        $('#confirm_str').html('Apakah Anda yakin akan menghapus semua
data ?');
    });

    $('#delete_all').click(function () {
        $.post('<?php echo site_url("rules/delete"); ?>', function
(response) {
            if(response) {
                loading();

                window.document.location = '<?php echo site_url("rules");
?>';
            }
        });
    });

    $('#delete').click(function () {
        $('#delete').show();

```

```

        $('#delete_all').hide();

        $('#confirm_str').html('Apakah Anda yakin akan menghapus data ?');

        var id = this.id.substr(7);

        $('#id_rules').val(id);
    });

    $('#delete').click(function () {
        $.post('<?php echo site_url("rules/delete"); ?>' +
        $('#id_rules').val(), function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo site_url("rules");
?>';
            }
        });
    });

    $('#id_karakteristik_lahan, #operator, #id_kelas').chosen({
        'no_results_text': 'Tidak ada hasil yang ditemukan untuk',
        'placeholder_text_single': 'Pilih Opsi'
    });

    $('#id_karakteristik_lahan').change(function () {
        $('.c:eq(' + ($('#c').length - 1) + ')').html('\''$input["input_" +
        $(this).val() + "]\'");

        $.post('<?php echo site_url("karakteristik_lahan/view"); ?>' +
        $(this).val(), function (response) {
            $('.cond:eq(' + ($('#cond').length - 1) + ')').html(response);
        });
    });

    $('#operator').change(function () {
        $('.o:eq(' + ($('#o').length - 1) + ')').html($(this).val());
        $('.opr:eq(' + ($('#opr').length - 1) + ')').html($(this).val());
    });

    $('#value').keyup(function () {
        if($('#operator').val() == '=')
            $('.v:eq(' + ($('#v').length - 1) + ')').html('"' +
        $(this).val().toLowerCase() + '"');
        else
            $('.v:eq(' + ($('#v').length - 1) +
        ')').html($(this).val().toLowerCase());
    });

```

```

        $('#val:eq(' + ($('#val').length - 1) + ')').html($(this).val());
    });

    $('#value').change(function () {
        $('#value').keyup();
    });

    $('#id_kelas').change(function () {
        $('#r').html($(this).val());

        $.post('<?php echo site_url("kelas/view"); ?>/' + $(this).val(),
function(response) {
            $('#result').html(response['deskripsi'] + ' (' +
response['kelas'] + ')');
        }, 'json');
    });

    $('#and').click(function () {
        if($('#id_karakteristik_lahan').val() && $('#operator').val() &&
$('#value').val()) {
            $('.condition:eq(' + ($('#condition').length - 1) +
')').html(' AND <span class="cond">...</span> ' +
                                '<span
class="opr">...</span> ' +
                                '<span
class="val">...</span> ' +
                                '<span
class="condition"></span>');

            /*$('#.cs:eq(' + ($('#cs').length - 1) + ')').html(' && <span
class="c">...</span> ' +
                                '<span
class="o">...</span> ' +
                                '<span
class="v">...</span>' +
                                '<span
class="cs"></span>');*/

            $('.cs:eq(' + ($('#cs').length - 1) + ')').html(' AND <span
class="c">...</span> ' +
                                '<span
class="o">...</span> ' +
                                '<span
class="v">...</span>' +
                                '<span
class="cs"></span>');

```

```

        $('#id_karakteristik_lahan').find('option:first-
child').prop('selected', true).end().trigger('liszt:updated');
        $('#operator').find('option:first-child').prop('selected',
true).end().trigger('liszt:updated');
        $('#value').val('');
    }
    else
        alert('Silahkan lengkapi kondisi terlebih dahulu');
});

$('#or').click(function () {
    if($('#id_karakteristik_lahan').val() && $('#operator').val() &&
$('#value').val()) {
        $('.condition:eq(' + ($('#.condition').length - 1) +
')').html(' OR <span class="cond">...</span> ' +
                                                    '<span
class="opr">...</span> ' +
                                                    '<span
class="val">...</span>' +
                                                    '<span
class="condition"></span>');

        /*$('.cs:eq(' + ($('#.cs').length - 1) + ')').html(' || <span
class="c">...</span> ' +
                                                    '<span
class="o">...</span> ' +
                                                    '<span
class="v">...</span>' +
                                                    '<span
class="cs"></span>');*/

        $('.cs:eq(' + ($('#.cs').length - 1) + ')').html(' OR <span
class="c">...</span> ' +
                                                    '<span
class="o">...</span> ' +
                                                    '<span
class="v">...</span>' +
                                                    '<span
class="cs"></span>');

        $('#id_karakteristik_lahan').find('option:first-
child').prop('selected', true).end().trigger('liszt:updated');
        $('#operator').find('option:first-child').prop('selected',
true).end().trigger('liszt:updated');
        $('#value').val('');
    }
    else
        alert('Silahkan lengkapi kondisi terlebih dahulu');
});

```

```
});
});
</script>
```

tanaman_v.php

```
<?php $this->load->view('header_v'); ?>

        <div class="row">
            <div class="col-xs-12">
                <div class="card">
                    <div class="card-header">
                        <div class="card-title">
                            <div class="title">Tanaman</div>
                        </div>
                        <div class="pull-right card-action">
                            <button class="btn add" title="Tambah"
data-toggle="modal" data-target="#modal_form">
                                <i class="fa fa-plus"></i> Tambah
                            </button>
                            <button class="btn delete_all"
title="Hapus Semua" data-toggle="modal" data-target="#modal_confirm">
                                <i class="fa fa-trash"></i> Hapus
                            Semua
                        </button>
                    </div>
                </div>
            </div>
            <div class="card-body">
                <table class="datatable table table-
striped table-hover table-responsive" cellspacing="0" width="100%" data-page-
length="5">
                    <thead>
                        <tr>
                            <th>Kelompok Tanaman</th>
                            <th>Tanaman</th>
                            <th>Musim Tanam</th>
                            <th></th>
                        </tr>
                    </thead>
                    <tfoot>
                        <tr>
                            <th>Kelompok Tanaman</th>
                            <th>Tanaman</th>
                            <th>Musim Tanam</th>
                            <th></th>
                        </tr>
                    </tfoot>
                    <tbody>
```

```

                                <?php
                                $query = $this->tanaman_m-
>view();
                                foreach($query->result() as
$row) :
                                ?>
                                <tr>
                                <td>
                                <?php echo $row-
>kelompok_tanaman; ?>
                                <input type="hidden"
id="id_kelompok_tanaman_<?php echo $row->id_tanaman; ?>" value="<?php echo
$row->id_kelompok_tanaman; ?>">
                                </td>
                                <td>
                                <?php echo $row->tanaman;
?>
                                <input type="hidden"
id="tanaman_<?php echo $row->id_tanaman; ?>" value="<?php echo $row->tanaman;
?>">
                                </td>
                                <td>
                                <?php echo $row-
>musim_tanam; ?>
                                <input type="hidden"
id="musim_tanam_<?php echo $row->id_tanaman; ?>" value="<?php echo $row-
>musim_tanam; ?>">
                                </td>
                                <td>
                                <button class="btn edit"
id="edit_<?PHP echo $row->id_tanaman; ?>" title="Ubah" data-toggle="modal"
data-target="#modal_form">
                                <i class="fa fa-
pencil"></i> Ubah
                                </button>
                                <button class="btn delete"
id="delete_<?PHP echo $row->id_tanaman; ?>" title="Hapus" data-toggle="modal"
data-target="#modal_confirm">
                                <i class="fa fa-
trash"></i> Hapus
                                </button>
                                <button class="btn rules"
id="rules_<?PHP echo $row->id_tanaman; ?>" title="Rules">
                                <i class="fa fa-
database"></i> Rules
                                </button>

```

```

                </td>
            </tr>

            <?php endforeach; ?>

        </tbody>
    </table>
</div>
</div>
</div>
</div>
</div>

    <div class="modal fade" id="modal_confirm" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header">
                    <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                    <h4 class="modal-title text-
left">Konfirmasi</h4>
                </div>
                <div class="modal-body">
                    <p class="text-left" id="confirm_str">
                        Apakah Anda yakin akan menghapus data
?
                    </p>
                </div>
                <div class="modal-footer">
                    <button type="button" class="btn btn-
primary" id="delete_all">Ok</button>
                    <button type="button" class="btn btn-
primary" id="delete">Ok</button>
                    <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
                </div>
            </div>
        </div>
    </div>
</div>
    <div class="modal fade" id="modal_form" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header">
                    <button type="button" class="close" data-
dismiss="modal" aria-hidden="true">&times;</button>
                    <h4 class="modal-title text-left">Form
Tanaman</h4>

```


[illegible]

```

<input type="radio"
name="musim_tanam" value="Musiman">
        Musiman
    </label>
</div>
</div>
</form>
</div>
<div class="modal-footer">
    <button type="submit" class="btn btn-
primary" id="save" form="form">
        <span class="fa fa-save"></span>
        Simpan
    </button>
    <button type="submit" class="btn btn-
primary" id="update" form="form">
        <span class="fa fa-save"></span>
        Perbaharui
    </button>
    <button type="button" class="btn btn-
default" data-dismiss="modal">Batal</button>
</div>
</div>
</div>
</div>
</div>

<?php $this->load->view('footer_v'); ?>

<script>
    function save_onclick() {
        if($('#id_kelompok_tanaman').val()) {
            $.post('<?php echo site_url("tanaman/save"); ?>',
$('#form').serialize(), function (response) {
                if(response) {
                    loading();

                    window.document.location = '<?php echo
site_url("tanaman"); ?>';
                }
            });
        }
        else
            alert('Kelompok Tanam harus diisi');

        return false;
    }

    function update_onclick() {

```

```

        $.post('<?php echo site_url("tanaman/update"); ?>',
$('#form').serialize(), function (response) {
    if(response) {
        loading();

        window.document.location = '<?php echo site_url("tanaman");
?>';
    }
});

return false;
}

$(document).ready(function () {
    $('#add').click(function () {
        $('#save').show();
        $('#update').hide();

        $('#form').attr('onsubmit', 'return save_onclick();');

        $('#id_kelompok_tanaman').find('option:first-
child').prop('selected', true).end().trigger('liszt:updated');
        $('#tanaman').val('');
        $('#sepanjang_tahun').iCheck('check');
    });

    $('#edit').click(function () {
        $('#save').hide();
        $('#update').show();

        $('#form').attr('onsubmit', 'return update_onclick();');

        var id = this.id.substr(5);

        $('#id_tanaman').val(id);
        $('#id_kelompok_tanaman').val($('#id_kelompok_tanaman_' +
id).val()).trigger('liszt:updated');
        $('#tanaman').val($('#tanaman_' + id).val());

        if($('#musim_tanam_' + id).val() == 'Sepanjang Tahun')
            $('#sepanjang_tahun').iCheck('check');
        else
            $('#musiman').iCheck('check');
    });

    $('#delete_all').click(function () {
        $('#delete').hide();
        $('#delete_all').show();
    });
});

```

```

        $('#confirm_str').html('Apakah Anda yakin akan menghapus semua
data ?');
    });

    $('#delete_all').click(function () {
        $.post('<?php echo site_url("tanaman/delete"); ?>', function
(response) {
            if(response) {
                loading();

                window.document.location = '<?php echo
site_url("tanaman"); ?>';
            }
        });
    });

    $('.delete').click(function () {
        $('#delete').show();
        $('#delete_all').hide();

        $('#confirm_str').html('Apakah Anda yakin akan menghapus data ?');

        var id = this.id.substr(7);

        $('#id_tanaman').val(id);
    });

    $('#delete').click(function () {
        $.post('<?php echo site_url("tanaman/delete"); ?>' +
$('#id_tanaman').val(), function (response) {
            if(response) {
                loading();

                window.document.location = '<?php echo
site_url("tanaman"); ?>';
            }
        });
    });

    $('.rules').click(function () {
        loading();

        var id = this.id.substr(6);

        window.document.location = '<?php echo site_url("tanaman/rules");
?>' + id;
    });

```

```

        $('#id_kelompok_tanaman').chosen({
            'no_results_text': 'Tidak ada hasil yang ditemukan untuk',
            'placeholder_text_single': 'Pilih Opsi'
        });
    });
</script>

```

Controller

Dashboard.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Dashboard extends CI_Controller {

    public function __construct() {
        parent::__construct();

        //Model

        $this->load->model('kualitas_lahan_m');
        $this->load->model('karakteristik_lahan_m');
        $this->load->model('kelompok_tanaman_m');
        $this->load->model('tanaman_m');
        $this->load->model('rules_m');
        $this->load->model('curah_hujan_m');
    }

    public function index() {
        $this->load->view('dashboard_v');
    }
}

```

Dss.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Dss extends CI_Controller {

    public function __construct() {
        parent::__construct();

        //Model

```

```

        $this->load->model('kualitas_lahan_m');
        $this->load->model('karakteristik_lahan_m');
        $this->load->model('kelompok_tanaman_m');
        $this->load->model('tanaman_m');
        $this->load->model('kelas_m');
    }

    public function index() {
        $this->load->view('dss_v');
    }
}

```

Es.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Es extends CI_Controller {

    public function __construct() {
        parent::__construct();

        //Model

        $this->load->model('kualitas_lahan_m');
        $this->load->model('karakteristik_lahan_m');
        $this->load->model('kelompok_tanaman_m');
    }

    public function index() {
        $this->load->view('es_v');
    }
}

```

Karakteristik_lahan.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Karakteristik_lahan extends CI_Controller {

    public function __construct() {
        parent::__construct();

        //Model
    }
}

```

```

        $this->load->model('karakteristik_lahan_m');
        $this->load->model('kualitas_lahan_m');
    }

    public function index() {
        $this->load->view('karakteristik_lahan_v');
    }

    public function save() {
        $this->karakteristik_lahan_m->set_id_kualitas_lahan($this->input->post('id_kualitas_lahan'));
        $this->karakteristik_lahan_m->set_karakteristik_lahan($this->input->post('karakteristik_lahan'));

        $response = $this->karakteristik_lahan_m->insert();

        echo $response;
    }

    public function update() {
        $this->karakteristik_lahan_m->set_id_karakteristik_lahan($this->input->post('id_karakteristik_lahan'));
        $this->karakteristik_lahan_m->set_id_kualitas_lahan($this->input->post('id_kualitas_lahan'));
        $this->karakteristik_lahan_m->set_karakteristik_lahan($this->input->post('karakteristik_lahan'));

        $response = $this->karakteristik_lahan_m->update();

        echo $response;
    }

    public function delete($id = null) {
        $response = $this->karakteristik_lahan_m->delete($id);

        echo $response;
    }

    public function view($id) {
        $row = $this->karakteristik_lahan_m->view($id)->row();

        echo $row->karakteristik_lahan;
    }
}

```

Kelas.php

```
<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Kelas extends CI_Controller {

    public function __construct() {
        parent::__construct();

        //Model

        $this->load->model('kelas_m');
        $this->load->model('ordo_m');
    }

    public function index() {
        $this->load->view('kelas_v');
    }

    public function save() {
        $this->kelas_m->set_id_ordo($this->input->post('id_ordo'));
        $this->kelas_m->set_kelas($this->input->post('kelas'));
        $this->kelas_m->set_deskripsi($this->input->post('deskripsi'));

        $response = $this->kelas_m->insert();

        echo $response;
    }

    public function update() {
        $this->kelas_m->set_id_kelas($this->input->post('id_kelas'));
        $this->kelas_m->set_id_ordo($this->input->post('id_ordo'));
        $this->kelas_m->set_kelas($this->input->post('kelas'));
        $this->kelas_m->set_deskripsi($this->input->post('deskripsi'));

        $response = $this->kelas_m->update();

        echo $response;
    }

    public function delete($id = null) {
        $response = $this->kelas_m->delete($id);

        echo $response;
    }

    public function view($id) {
        $row = $this->kelas_m->view($id)->row();
```



```
        echo json_encode($row);
    }
}
```

Kelompok_tanaman.php

```
<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Kelompok_tanaman extends CI_Controller {

    public function __construct() {
        parent::__construct();

        //Model

        $this->load->model('kelompok_tanaman_m');
        $this->load->model('tanaman_m');
    }

    public function index() {
        $this->load->view('kelompok_tanaman_v');
    }

    public function save() {
        $this->kelompok_tanaman_m->set_kelompok_tanaman($this->input->post('kelompok_tanaman'));
        $this->kelompok_tanaman_m->set_deskripsi($this->input->post('deskripsi'));

        $response = $this->kelompok_tanaman_m->insert();

        echo $response;
    }

    public function update() {
        $this->kelompok_tanaman_m->set_id_kelompok_tanaman($this->input->post('id_kelompok_tanaman'));
        $this->kelompok_tanaman_m->set_kelompok_tanaman($this->input->post('kelompok_tanaman'));
        $this->kelompok_tanaman_m->set_deskripsi($this->input->post('deskripsi'));

        $response = $this->kelompok_tanaman_m->update();

        echo $response;
    }
}
```

```

public function delete($id = null) {
    $this->db->trans_start();

    $this->kelompok_tanaman_m->delete($id);

    if($id)
        $this->tanaman_m->delete_by_id_kelompok_tanaman($id);
    else
        $this->tanaman_m->delete();

    $this->db->trans_complete();

    echo $this->db->trans_status();
}
}

```

Kualitas_lahan.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Kualitas_lahan extends CI_Controller {

    public function __construct() {
        parent::__construct();

        //Model

        $this->load->model('kualitas_lahan_m');
        $this->load->model('karakteristik_lahan_m');
    }

    public function index() {
        $this->load->view('kualitas_lahan_v');
    }

    public function save() {
        $this->kualitas_lahan_m->set_kualitas_lahan($this->input-
>post('kualitas_lahan'));
        $this->kualitas_lahan_m->set_deskripsi($this->input-
>post('deskripsi'));

        $response = $this->kualitas_lahan_m->insert();

        echo $response;
    }

    public function update() {

```

```

        $this->kualitas_lahan_m->set_id_kualitas_lahan($this->input-
>post('id_kualitas_lahan'));
        $this->kualitas_lahan_m->set_kualitas_lahan($this->input-
>post('kualitas_lahan'));
        $this->kualitas_lahan_m->set_deskripsi($this->input-
>post('deskripsi'));

        $response = $this->kualitas_lahan_m->update();

        echo $response;
    }

    public function delete($id = null) {
        $this->db->trans_start();

        $this->kualitas_lahan_m->delete($id);

        if($id)
            $this->karakteristik_lahan_m->delete_by_id_kualitas_lahan($id);
        else
            $this->karakteristik_lahan_m->delete();

        $this->db->trans_complete();

        echo $this->db->trans_status();
    }
}

```

Ordo.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Ordo extends CI_Controller {

    public function __construct() {
        parent::__construct();

        //Model

        $this->load->model('ordo_m');
        $this->load->model('kelas_m');
    }

    public function index() {
        $this->load->view('ordo_v');
    }

    public function save() {

```

```

        $this->ordo_m->set_ordo($this->input->post('ordo'));
        $this->ordo_m->set_deskripsi($this->input->post('deskripsi'));

        $response = $this->ordo_m->insert();

        echo $response;
    }

    public function update() {
        $this->ordo_m->set_id_ordo($this->input->post('id_ordo'));
        $this->ordo_m->set_ordo($this->input->post('ordo'));
        $this->ordo_m->set_deskripsi($this->input->post('deskripsi'));

        $response = $this->ordo_m->update();

        echo $response;
    }

    public function delete($id = null) {
        $this->db->trans_start();

        $this->ordo_m->delete($id);

        if($id)
            $this->kelas_m->delete_by_id_ordo($id);
        else
            $this->kelas_m->delete();

        $this->db->trans_complete();

        echo $this->db->trans_status();
    }
}

```

Rules.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Rules extends CI_Controller {

    public function __construct() {
        parent::__construct();

        //Model

        $this->load->model('tanaman_m');
        $this->load->model('karakteristik_lahan_m');
        $this->load->model('kelas_m');
    }
}

```

```

        $this->load->model('rules_m');
    }

    public function index() {
        $this->load->view('rules_v');
    }

    public function tanaman() {
        $this->load->view('rules_tanaman_v');
    }

    public function save() {
        $this->rules_m->set_id_tanaman($this->input->post('id_tanaman'));
        $this->rules_m->set_rules($this->input->post('rules'));
        $this->rules_m->set_syntax($this->input->post('syntax'));

        $response = $this->rules_m->insert();

        echo $response;
    }

    public function delete($id = null) {
        $response = $this->rules_m->delete($id);

        echo $response;
    }

    public function delete_by_id_tanaman($id) {
        $response = $this->rules_m->delete_by_id_tanaman($id);

        echo $response;
    }

    public function view_by_id_tanaman($id) {
        $input = $this->input->post();
        $output = '';
        $subkelas = array();

        $query = $this->rules_m->view_by_id_tanaman($id);

        foreach($query->result() as $row) :
            $param = array();
            $karakteristik = array();

            $sql = html_entity_decode($row->syntax, ENT_QUOTES);

            while(strpos($sql, '$')) {
                $start = strpos($sql, '$');
            }
        endforeach;
    }

```

```

        $length = strpos($sql, ']') - strpos($sql, '$') + 1;
        $karakteristik[] = substr($sql, $start + 14, $length - 16);

        if(($param[] = strtolower($input[substr($sql, $start + 8,
$length - 10)])) == '')
            $sql = '';
        else
            $sql = substr($sql, 0, $start - 1).'?'.substr($sql, $start
+ $length + 1);
    }

    if(! empty($sql)) {
        $q = $this->db->query($sql, $param);

        if($q->num_rows()) {
            $r = $q->row();

            for($i = 0; $i < count($karakteristik); $i++)
                $subkelas[$r->output][] = $karakteristik[$i];

            if($output == '' || $output < $r->output)
                $output = $r->output;
        }
    }
    endforeach;

    $data['id_kelas'] = $output;

    $subkelas[$output] = array_unique($subkelas[$output]);

    foreach($subkelas[$output] as $value) :
        $row = $this->karakteristik_lahan_m->view($value)->row();

        $data['subkelas'][] = $row->kualitas_lahan;
    endforeach;

    echo json_encode($data);
}

/*public function view_by_id_tanaman_id_karakteristik_lahan($id_tanaman,
$id_karakteristik_lahan, $value) {
    $query = $this->rules_m-
>view_by_id_tanaman_id_karakteristik_lahan($id_tanaman,
$id_karakteristik_lahan);

    $status = false;

    foreach($query->result() as $row) :

```

```

switch($row->operator) {
    case '=' :
        if($value = $row->value) {
            echo $row->id_kelas;

            $status = true;
        }

        break;
    case '>' :
        if($value > $row->value) {
            echo $row->id_kelas;

            $status = true;
        }

        break;
    case '>=' :
        if($value >= $row->value) {
            echo $row->id_kelas;

            $status = true;
        }

        break;
    case '<' :
        if($value < $row->value) {
            echo $row->id_kelas;

            $status = true;
        }

        break;
    case '<=' :
        if($value <= $row->value) {
            echo $row->id_kelas;

            $status = true;
        }

        break;
}

if($status)
    break;
endforeach;
}*/
}

```

Tanaman.php

```
<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Tanaman extends CI_Controller {

    public function __construct() {
        parent::__construct();

        //Model

        $this->load->model('tanaman_m');
        $this->load->model('kelompok_tanaman_m');
        $this->load->model('rules_m');
    }

    public function index() {
        $this->load->view('tanaman_v');
    }

    public function save() {
        $this->tanaman_m->set_id_kelompok_tanaman($this->input->post('id_kelompok_tanaman'));
        $this->tanaman_m->set_tanaman($this->input->post('tanaman'));
        $this->tanaman_m->set_musim_tanam($this->input->post('musim_tanam'));

        $response = $this->tanaman_m->insert();

        echo $response;
    }

    public function update() {
        $this->tanaman_m->set_id_tanaman($this->input->post('id_tanaman'));
        $this->tanaman_m->set_id_kelompok_tanaman($this->input->post('id_kelompok_tanaman'));
        $this->tanaman_m->set_tanaman($this->input->post('tanaman'));
        $this->tanaman_m->set_musim_tanam($this->input->post('musim_tanam'));

        $response = $this->tanaman_m->update();

        echo $response;
    }

    public function delete($id = null) {
        $response = $this->tanaman_m->delete($id);

        echo $response;
    }
}
```



```

public function rules($id) {
    redirect('rules/tanaman/'.urlencode(base64_encode($id)));
}

public function view_by_id_kelompok_tanaman($id) {
    $query = $this->tanaman_m->view_by_id_kelompok_tanaman($id);

    $response = '<div class="form-group">
                <label for="id_tanaman">Tanaman</label>';

    foreach($query->result() as $row) :
        $response .= '<div class="radio">
                    <label id="tanaman_'.$row->id_tanaman.'">
                        <input type="radio" class="id_tanaman"
name="id_tanaman" value="'.$row->id_tanaman.'">
                        '.$row->tanaman.'
                    </label>
                </div>';

    endforeach;

    $response .= '</div>
                <script>
                    $(\'input[type="checkbox"],
input[type="radio"]\').iCheck({
                        \'checkboxClass\': \'icheckbox_minimal\',
                        \'radioClass\': \'iradio_minimal\'
                    });

                    $(\'#id_tanaman\').on(\'ifChecked\', function (e)
{
                        $(\'#ordo\').html(\'<label>...</label>\');
                        $(\'#kelas\').html(\'<label>...</label>\');
                        $(\'#input\').val(\'\');
                    });
                </script>';

    echo $response;
}

/*public function view() {
    $data = array();

    $query = $this->tanaman_m->view();

    foreach($query->result() as $row) :
        $data[] = $row;
    endforeach;
}

```

```

        echo json_encode($data);
    }*/

    public function view_rules() {
        $input = $this->input->post();
        $data = array();

        $qy = $this->tanaman_m->view();

        foreach($qy->result() as $rw) :
            $output = '';

            $query = $this->rules_m->view_by_id_tanaman($rw->id_tanaman);

            foreach($query->result() as $row) :
                $param = array();

                $sql = html_entity_decode($row->syntax, ENT_QUOTES);

                while(strpos($sql, '$')) {
                    $start = strpos($sql, '$');
                    $length = strpos($sql, ']') - strpos($sql, '$') + 1;

                    if(($param[] = strtolower($input[substr($sql, $start + 8,
$length - 10)])) == '')
                        $sql = '';
                    else
                        $sql = substr($sql, 0, $start - 1).'?'.substr($sql,
$start + $length + 1);
                }

                if(! empty($sql)) {
                    $q = $this->db->query($sql, $param);

                    if($q->num_rows()) {
                        $r = $q->row();

                        if($output == '' || $output < $r->output)
                            $output = $r->output;
                    }
                }
            endforeach;

            $d['id_tanaman'] = $rw->id_tanaman;
            $d['id_kelas'] = $output;

            $data[] = $d;

```

```
endforeach;  
  
echo json_encode($data);  
}  
}
```