

Start Bootstrap

CORE

Dashboard

INTERFACE

Master Data

User

Surat Masuk

Surat Keluar

Disposisi

Setting

localhost/disposisi/admin/surat\_masuk

Search for...

User / View Data Surat

[+ Add New](#)

Data user Berhasil DiUpdate

No.	No Surat	Perihal	Keterangan	Taggal Surat	Surat	Action
1	01	Pengajuan Dana	Bantuan Sosial	2021-08-01		<a href="#">Edit</a> <a href="#">Hapus</a>
2	2/BJM/2021	Pengajuan Kerjasama	KERJASAMA DALAM RANGKA SUMBER DAYA KARYAWAN	2021-08-02		<a href="#">Edit</a> <a href="#">Hapus</a>
3	3/BJM/2021	Kerjasama Tingkat Lanjut	KUNJUNGAN SEKOLAH	2021-08-02		<a href="#">Edit</a> <a href="#">Hapus</a>
4	4/BJM/2021	PERMOHONAN BANTUAN	PERMOHONAN BANTUAN	2021-08-03		<a href="#">Edit</a> <a href="#">Hapus</a>

## DISPOSISI SURAT

## Membuat fitur surat masuk

### Tampilan menu utama surat masuk

Start Bootstrap

Search for...

User / View Data Surat

[+ Add New](#)

Data user Berhasil DiUpdate

No.	No Surat	Perihal	Keterangan	Taggal Surat	Surat	Action
1	01	Pengajuan Dana	Bantuan Sosial	2021-08-01		<a href="#">Edit</a> <a href="#">Hapus</a>
2	2/BJM/2021	Pengajuan Kerjasama	KERJASAMA DALAM RANGKA SUMBER DAYA KARYAWAN	2021-08-02		<a href="#">Edit</a> <a href="#">Hapus</a>
3	3/BJM/2021	Kerjasama Tingkat Lanjut	KUNJUNGAN SEKOLAH	2021-08-02		<a href="#">Edit</a> <a href="#">Hapus</a>
4	4/BJM/2021	PERMOHONAN BANTUAN	PERMOHONAN BANTUAN	2021-08-03		<a href="#">Edit</a> <a href="#">Hapus</a>

### Tampilan menu tambah surat masuk

Start Bootstrap

Search for...

Surat Masuk / Tambah Data Surat Masuk

NO SURAT MASUK \*

NO SURAT MASUK

PERIHAL SURAT \*

PERIHAL SURAT

TANGGAL SURAT \*

mm/dd/yyyy

SURAT DARI \*

SURAT DARI

TUJUAN SURAT \*

TUJUAN SURAT

TANGGAL TERIMA SURAT \*

mm/dd/yyyy

KETERANGAN \*

KETERANGAN

BERKAS SURAT (Photo)

Choose File No file chosen

[+ Save Data](#)

### Tampilan menu edit surat masuk

Start Bootstrap

localhost/disposisi/admin/surat\_masuk/getedit/4

Surat Masuk / Update Data Surat Masuk

NO SURAT MASUK \*  
4/BJM/2021

PERIHAL SURAT \*  
PERMOHONAN BANTUAN

TANGGAL SURAT \*  
08/03/2021

SURAT DARI \*  
SMK 2 BANJARMASIN

TUJUAN SURAT \*  
PIMPINAN PT

TANGGAL TERIMA SURAT \*  
08/03/2021

KETERANGAN \*  
PERMOHONAN BANTUAN

BERIKAS SURAT (Photo)  
Choose File No file chosen

+ Save Data

Tampilan menu dialog delete

localhost/disposisi\_surat/admin/surat\_masuk

localhost says  
Ingin menghapus data Surat Masuk ini?

OK Cancel

suk / View Data Surat

New

No Surat	Perihal	Keterangan	Taggal Surat	Tanggal Terima	Surat	Action
1/UNISKA/BJM/11/2023	PERMOHONAN	PERMOHONAN BERITA ACARA	2023-10-31	2023-10-31 00:00:00		<a href="#">Edit</a> <a href="#">Hapus</a>
2/UNISKA/BJM/11/2023	PERMOHONAN	PERMOHONAN	2023-10-31	2023-10-31 00:00:00		<a href="#">Edit</a> <a href="#">Hapus</a>
111/22	Permohonan Izin sakit	Undangan Rapat	2022-05-16	2022-05-15 17:00:00	No Image	<a href="#">Edit</a> <a href="#">Hapus</a>
212121	Permohonan	Undangan Wisuda murid	2022-05-16	2023-05-15 17:00:00		<a href="#">Edit</a> <a href="#">Hapus</a>

Langkah Pertama untuk fitur ini kita akan membuat atau menambahkan table terlebih dahulu dengan nama tb\_surat\_masuk, dan struktur table seperti berikut,

Server: 127.0.0.1 » Database: db\_disposisi » Table: tb\_surat\_masuk

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Tracking](#)
[Triggers](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	<b>no_surat</b>	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>tgl_surat</b>	date			No	None			Change  Drop  More
<input type="checkbox"/> 4	<b>surat_from</b>	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	<b>surat_to</b>	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 6	<b>tgl_terima</b>	timestamp			No	CURRENT_TIMESTAMP			Change  Drop  More
<input type="checkbox"/> 7	<b>perihal</b>	text	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 8	<b>keterangan</b>	text	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 9	<b>image</b>	varchar(255)	latin1_swedish_ci		No	no_image.jpg			Change  Drop  More
<input type="checkbox"/> 10	<b>is_active</b>	int(2)			No	0			Change  Drop  More

Jika table surat masuk sudah ditambahkan lalu kalian insert 1-3 data ditabel tersebut,

Berikutnya kita buat 1 file controller `Application/controller/admin/Surat_masuk.php` dengan nama file `Surat_masuk.php` dan tambahkan kode berikut

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

class Surat_masuk extends CI_Controller {
    public function __construct()
    {
        parent::__construct();
        $this->load->model("Masuk_model");
        cek_login();
        cek_user();
        $this->load->library('form_validation');
    }
    public function index()
    {
        $data = array(
            'title' => 'View Data Surat Masuk',
            'surat' => $this->Masuk_model->getAll(),
            'content' => 'admin/surat_masuk/index'
        );
        $this->load->view('admin/template/main',$data);
    }
}
```

```
}  
}
```

Langkah berikutnya kita akan membuat file model terlebih dahulu yaitu membuat file `Masuk_model.php` posisi file diletakan pada folder `application/models/Masuk_model.php`

```
<?php defined('BASEPATH') OR exit('No direct script access allowed');  
class Masuk_model extends CI_Model  
{  
    protected $_table = 'tb_surat_masuk';  
    protected $primary = 'id';  
  
    public function getAll()  
    {  
        return $this->db->where('is_active',1)->get($this->_table)->result();  
    }  
}
```

Agar data yang telah kita get dari model tampil maka kita sekarang membuat satu file view pada folder `view/admin/surat_masuk/index.php` seperti berikut

```
<main>  
    <div class="container-fluid">  
        <h1 class="mt-4"></h1>  
        <ol class="breadcrumb mb-4">  
            <li class="breadcrumb-item"><a href="<?php echo site_url('admin/surat_masuk') ?>">User</a></li>  
            <li class="breadcrumb-item active"><?php echo $title ?></li>  
        </ol>  
        <div class="card mb-4">  
            <div class="card-header">  
                <a href="<?php echo site_url('admin/surat_masuk/add') ?>"><i class="fas fa-plus"></i> Add New</a>  
            </div>  
            <?php if ($this->session->flashdata('success')): ?>  
            <div class="alert alert-success" role="alert">
```

```

        <?php echo $this->session->flashdata('success'); ?>
    </div>
    <?php endif; ?>
    <div class="card-body">
        <div class="table-responsive">
            <table class="table table-striped table-bordered table-
hover" id="tabelsurat" width="100%" cellpadding="0">
                <thead>
                    <tr>
                        <th>No.</th>
                        <th>No Surat</th>
                        <th>Perihal</th>
                        <th>Keterangan</th>
                        <th>Taggal Surat</th>
                        <th>Surat</th>

                        <th>Action</th>
                    </tr>
                </thead>
                <tbody>
                    <?php
                    $no =1;
                    foreach ($surat as $suratdata) {
                        echo "<tr>
                            <td>$no</td>
                            <td>$suratdata->no_surat</td>
                            <td>$suratdata->perihal</td>
                            <td>$suratdata->keterangan</td>
                            <td>$suratdata->tgl_surat</td>
                            <td>
                                
                            </td>

                            <td>
                                <div>
                                    <a href=".base_url('admin/surat_masuk/getedit/' . $suratdata->id)." class='btn btn-sm btn-info'><i class='fas fa-edit'></i> Edit</a>
                                    <a href=".base_url('admin/surat_masuk/delete/' . $suratdata->id)." class='btn btn-sm btn-danger'
                                        onclick='return confirm(\"Ingin mengapus data user in
i?\");'><i class='fas fa-trash'></i> Hapus</a>
                                </div>
                            </td>
                        </tr>";
                    }
                </tbody>
            </table>
        </div>
    </div>

```

```

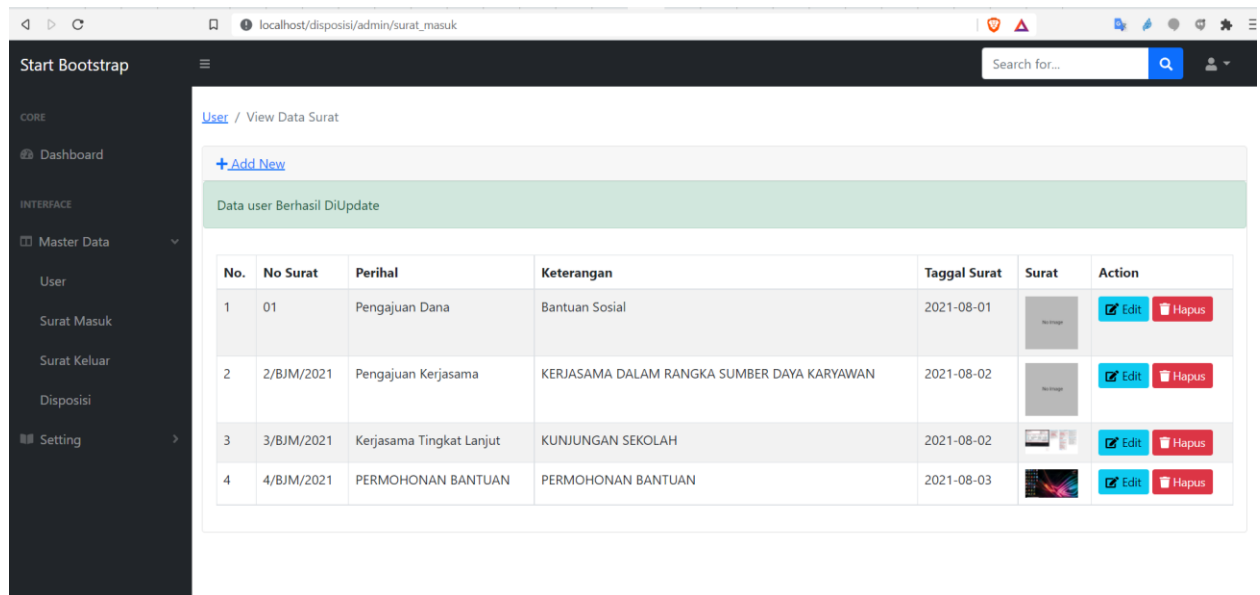
                $no++;
            } ?>

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

</div>
</div>
<div style="height: 100vh"></div>
</div>
</main>

```

Sekarang kita jalankan maka akan tampil seperti gambar berikut :



Selanjutnya kita akan menambahkan link pada menu tambah data Add New, buka kembali file controller Surat\_masuk.php dan tambahkan function add dan letakan kode berikut pada function index,

```

public function add()
{
    $data = array(
        'title' => 'Tambah Data Surat Masuk',
        'content'=> 'admin/surat_masuk/add_form'
    );
}

```

```
);
$this->load->view('admin/template/main',$data);
}
```

Tambahkan 1 file di folder view/admin/surat\_masuk/add\_form.php dan source code seperti berikut :

```
<main>
  <div class="container-fluid">
    <h1 class="mt-4"></h1>
    <ol class="breadcrumb mb-4">
      <li class="breadcrumb-item"><a href="<?php echo
site_url('admin/surat_masuk') ?>">Surat Masuk</a></li>
      <li class="breadcrumb-item active"><?php echo $title
?></li>
    </ol>
    <div class="card mb-4">
      <div class="card-body">
        <form action="<?php echo
site_url('admin/surat_masuk/save') ?>" method="post"
enctype="multipart/form-data" >
          <div class="mb-3">
            <label >NO SURAT MASUK <code>*</code></label>
            <input class="form-control" type="text"
name="no_surat" placeholder="NO SURAT MASUK" required
/>
          </div>
          <div class="mb-3">
            <label >PERIHAL SURAT <code>*</code></label>
            <input class="form-control" type="text" name="perihal"
placeholder="PERIHAL SURAT" required />
          </div>
          <div class="row">
            <div class="col">
              <div class="mb-3">
                <label >TANGGAL SURAT <code>*</code></label>
```



```

        <input class="form-control" type="date"
name="tgl_surat" placeholder="TANGGAL SURAT" required
/>

    </div>
    </div>
    <div class="col"></div>
</div>
<div class="mb-3">
    <label >SURAT DARI <code>*</code></label>
    <input class="form-control" type="text"
name="surat_from" placeholder="SURAT DARI" required />
</div>
<div class="mb-3">
    <label >TUJUAN SURAT <code>*</code></label>
    <input class="form-control" type="text"
name="surat_to" placeholder="TUJUAN SURAT" required />
</div>
<div class="row">
    <div class="col">
        <div class="mb-3">
            <label >TANGGAL TERIMA SURAT
<code>*</code></label>
            <input class="form-control" type="date"
name="tgl_terima" placeholder="TANGGAL TERIMA SURAT" required
/>

        </div>
    </div>
    <div class="col"></div>
</div>
<div class="mb-3">
    <label for="username">KETERANGAN
<code>*</code></label>
    <textarea class="form-control"
placeholder="KETERANGAN" name="keterangan" id="floatingTextarea2"
style="height: 100px"></textarea>
</div>
<div class="mb-3">
    <label for="image">BERKAS SURAT (Photo)</label>

```

```

        <input type="file" class="form-control"
id="inputGroupFile01" name="image">
    </div>
    <button class="btn btn-primary" type="submit"><i
class="fas fa-plus"></i> Save Data</button>
</form>
</div>
</div>
<div style="height: 100vh"></div>
</div>
</main>

```

Untuk menangani kiriman data yang dikirim dari form add\_form tersebut sekarang kita akan membuat function baru dengan nama function save, untuk lebih jelas bisa ikuti kode berikut :

```

public function save()
{
    $this->Masuk_model->Save();
    if($this->db->affected_rows()>0){
        $this->session->set_flashdata("success","Data Surat Masuk
Berhasil DiSimpan");
    }
    redirect('admin/surat_masuk');
}

```

Agar data yang kita kirim sebelumnya dari method POST dan bisa disave kedalam tabel surat masuk kita akan membuat sebuah fungsi khusus untuk simpan data tersebut pada file model yaitu Masuk\_model.php dan kode seperti berikut:

```

public function save(){
    $data = [
        'no_surat' => $this->input->post('no_surat'),
        'tgl_surat' => $this->input->post('tgl_surat'),
    ];
}

```

```

        'surat_from' => $this->input->post('surat_from'),
        'surat_to' => $this->input->post('surat_to'),
        'tgl_terima' => $this->input->post('tgl_terima'),
        'perihal' => $this->input->post('perihal'),
        'keterangan' => $this->input->post('keterangan'),
        'image'=>$this->do_upload(),
        'is_active' => '1',
    ];
    $this->db->insert($this->_table,$data);
}
//simpan gambar
public function do_upload(){
    $config['upload_path']           =
'./assets/photo/surat_masuk/';
    $config['allowed_types']         = 'gif|jpg|png';
    $config['file_name']              = $this->input-
>post('no_surat');
    $config['overwrite']              = true;
    $config['max_size']               = 1024;
    // $config['max_width']           = 1024;
    // $config['max_height']          = 768;
    // $config['encrypt_name']        = TRUE;
    $this->load->library('upload', $config);
    if ( ! $this->upload->do_upload('image'))
    {
        return "no_image.jpg";
    }
    else
    {
        return $this->upload->data("file_name");
    }
}
}

```

Sekarang kita coba isi data pada form add tersebut dan lakukan save lalu amati apakah data berhasil disimpan atau gagal disimpan,

Static Navigation - SB Admin

localhost/disposisi\_surat/admin/surat\_masuk/add

Start Bootstrap

Surat Masuk / Tambah Data Surat Masuk

NO SURAT MASUK \*

NO SURAT MASUK

PERIHAL SURAT \*

PERIHAL SURAT

TANGGAL SURAT \*

mm/dd/yyyy

SURAT DARI \*

SURAT DARI

TUJUAN SURAT \*

TUJUAN SURAT

TANGGAL TERIMA SURAT \*

mm/dd/yyyy

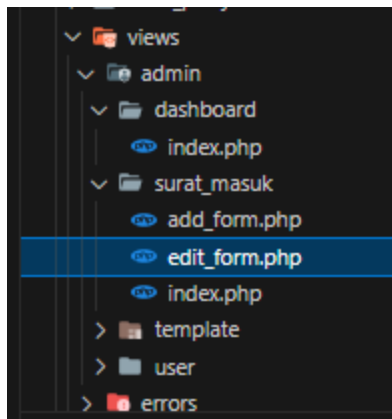
KETERANGAN \*

Berikutnya kita akan membuat fitur edit pada surat masuk tersebut, langkah dan proses pembuatannya hampir mirip dengan tambah data yang pertama buat fungsi di controller baru di view dan terakhir pada model,

Oke kita akan menambahkan function getedit untuk menampilkan file form edit dan menampilkan data dari tabel surat masuk, sekarang buka file controller surat masuk dan tambahkan kode berikut,

```
public function getedit($id)
{
    $data = array(
        'title' => 'Update Data Surat Masuk',
        'surat' => $this->Masuk_model->getById($id),
        'content' => 'admin/surat_masuk/edit_form'
    );
    $this->load->view('admin/template/main', $data);
}
```

Langkah selanjutnya tambahkan file baru dengan nama edit\_form.php



```
<main>
  <div class="container-fluid">
    <h1 class="mt-4"></h1>
    <ol class="breadcrumb mb-4">
      <li class="breadcrumb-item"><a href="<?php echo
site_url('admin/surat_masuk') ?>">Surat Masuk</a></li>
      <li class="breadcrumb-item active"><?php echo $title
?></li>
    </ol>
    <div class="card mb-4">
      <div class="card-body">
        <form action="<?php echo
site_url('admin/surat_masuk/edit') ?>" method="post"
enctype="multipart/form-data" >
          <div class="mb-3">
            <label >NO SURAT MASUK <code>*</code></label>
            <input class="form-control" type="hidden" name="id"
value="<?=$surat->id;?>" required />
            <input class="form-control" type="text"
name="no_surat" value="<?=$surat->no_surat;?>" placeholder="NO SURAT
MASUK" required />
          </div>
          <div class="mb-3">
            <label >PERIHAL SURAT <code>*</code></label>
            <input class="form-control" type="text" name="perihal"
value="<?=$surat->perihal;?>" placeholder="PERIHAL SURAT" required
/>
        </form>
      </div>
    </div>
  </div>
</main>
```

```

        </div>
        <div class="mb-3">
            <label >TANGGAL SURAT <code>*</code></label>
            <input class="form-control" type="date"
name="tgl_surat" value="<?=$surat->tgl_surat;?>" placeholder="TANGGAL
SURAT" required />
        </div>
        <div class="mb-3">
            <label >SURAT DARI <code>*</code></label>
            <input class="form-control" type="text"
name="surat_from" value="<?=$surat->surat_from;?>" placeholder="SURAT
DARI" required />
        </div>
        <div class="mb-3">
            <label >TUJUAN SURAT <code>*</code></label>
            <input class="form-control" type="text"
name="surat_to" value="<?=$surat->surat_to;?>" placeholder="TUJUAN
SURAT" required />
        </div>
        <div class="mb-3">
            <label >TANGGAL TERIMA SURAT <code>*</code></label>
            <input class="form-control" type="date"
name="tgl_terima" value="<?=$surat->tgl_surat;?>" placeholder="TANGGAL
TERIMA SURAT" required />
        </div>
        <div class="mb-3">
            <label for="username">KETERANGAN
<code>*</code></label>
            <textarea class="form-control"
placeholder="KETERANGAN" name="keterangan" id="floatingTextarea2"
style="height: 100px"><?=$surat->keterangan;?> </textarea>
        </div>
        <div class="card text-dark bg-light mb-3" style="max-
width: 40rem;">
            <div class="card-header">
                <h5 class="cart-title">Gambar Lampiran :
<?=$surat->image;?></h5>
            </div>
            <div class="card-body">

```

```

        
    </div>
</div>

    <div class="mb-3">
        <label for="image">BERKAS SURAT (Photo)</label>
        <input type="file" class="form-control "
id="inputGroupFile01" name="image">
        <input class="form-control" type="hidden"
name="old_image" value="<?=$surat->image;?>" />
    </div>
    <button class="btn btn-primary" type="submit"><i
class="fas fa-plus"></i> Save Data</button>
</form>

</div>
</div>
<div style="height: 100vh"></div>
</div>
</main>

```

Untuk menangani kiriman data yang dikirim dari form edit\_form tersebut sekarang kita akan membuat fuction baru dengan nama function edit, untuk lebih jelas bisa ikuti kode berikut :

```

public function edit()
{
    $this->Masuk_model->editData();
    if($this->db->affected_rows()>0){
        $this->session->set_flashdata("success","Data user
Berhasil DiUpdate");
    }
    redirect('admin/surat_masuk');
}

```

```
}
```

Agar data yang kita kirim sebelumnya dari method POST dan bisa diedit kedalam tabel surat masuk kita akan membuat sebuah fungsi khusus untuk simpan perubahan data tersebut pada file model yaitu Masuk\_model.php dan function editdata dengan kode seperti berikut:

```
public function editData()
{
    $id = $this->input->post('id');
    $updateimage = '';
    if (!empty($_FILES["image"]["name"])){
        $updateimage = $this->do_upload();
    } else {
        $updateimage = $this->input->post('old_image');
    }
    $data = [
        'no_surat' => $this->input->post('no_surat'),
        'tgl_surat' => $this->input->post('tgl_surat'),
        'surat_from' => $this->input->post('surat_from'),
        'surat_to' => $this->input->post('surat_to'),
        'tgl_terima' => $this->input->post('tgl_terima'),
        'perihal' => $this->input->post('perihal'),
        'keterangan' => $this->input->post('keterangan'),
        'image' => $updateimage,
        'is_active' => '1',
    ];
    return $this->db->set($data)->where($this->primary,$id)->update($this->_table);
}
```

Sekarang kita coba edit data pada form edit tersebut dan lakukan edit data lalu amati apakah data berhasil disimpan perubahanya atau gagal disimpan,



The screenshot shows a web browser at the URL `localhost/disposisi_surat/admin/surat_masuk/getedit/6`. The page has a dark sidebar on the left with the text "Start Bootstrap" and a menu with items: "CORE", "Dashboard", "INTERFACE", "Master Data", and "Setting". The main content area is titled "Surat Masuk / Update Data Surat Masuk". It contains a form with several fields, each with a red asterisk indicating it is required:

- NO SURAT MASUK \***: A text input field containing "1/UNISKA/BJM/11/2023".
- PERIHAL SURAT \***: A text input field containing "PERMOHONAN".
- TANGGAL SURAT \***: A date picker field showing "10/31/2023".
- SURAT DARI \***: A text input field containing "REKTORAT".
- TUJUAN SURAT \***: A text input field containing "FAKULTAS".
- TANGGAL TERIMA SURAT \***: A date picker field showing "10/31/2023".
- KETERANGAN \***: A text input field that is currently empty.

Langkah selanjutnya proses delete data, buka kembali file controller dan tambahkan fungsi berikut:

```
function delete($id)
{
    $this->Masuk_model->delete($id);
    redirect('admin/surat_masuk');
}
```

Langkah berikutnya buka file model `Masuk_model.php` dan tambahkan fungsi delete seperti kode berikut:

```
public function delete($id)
{
    $this->deleteImage($id);
    $this->db->where('id',$id)->delete($this->_table);
    if($this->db->affected_rows()>0){
        $this->session->set_flashdata("success","Data user
Berhasil DiDelete");
    }
```

```
}  
}
```

Untuk menghapus gambar yang tersimpan didirektori kita akan menambahkan fungsi deleteimage seperti kode berikut:

```
private function deleteImage($id)  
{  
    $surat = $this->getById($id);  
    if ($surat->image != "no_image.jpg") {  
        $filename = explode(".", $surat->image)[0];  
        return array_map('unlink',  
glob(FCPATH."assets/photo/surat_masuk/$filename.*"));  
    }  
}
```

Sourcode model\_surat lengkap seperti berikut:

```
<?php defined('BASEPATH') OR exit('No direct script access allowed');  
class Masuk_model extends CI_Model  
{  
    protected $_table = 'tb_surat_masuk';  
    protected $primary = 'id';  
  
    public function getAll()  
    {  
        return $this->db->where('is_active',1)->get($this->_table)->result();  
    }  
  
    public function save(){  
        $data = [  
            'no_surat' => $this->input->post('no_surat'),  
            'tgl_surat' => $this->input->post('tgl_surat'),  
            'surat_from' => $this->input->post('surat_from'),  
            'surat_to' => $this->input->post('surat_to'),  
            'tgl_terima' => $this->input->post('tgl_terima'),  
            'perihal' => $this->input->post('perihal'),
```

```

        'keterangan' => $this->input->post('keterangan'),
        'image'=>$this->uploadImage(),
        'is_active' => '1',
    ];
    $this->db->insert($this->_table,$data);
}

public function uploadImage(){
    $config['upload_path']       = './assets/photo/surat_masuk/';
    $config['allowed_types']     = 'gif|jpg|png';
    $config['file_name']         = $this->input->post('no_surat');
    $config['overwrite']         = true;
    $config['max_size']          = 1024;
    // $config['max_width']       = 1024;
    // $config['max_height']      = 768;
    // $config['encrypt_name']     = TRUE;
    $this->load->library('upload', $config);
    if ($this->upload->do_upload('image'))
    {
        return $this->upload->data("file_name");
    }
    return "no_image.jpg";
}

public function getById($id)
{
    return $this->db->get_where($this->_table, ["id" => $id])->row();
}

public function editData()
{
    $id = $this->input->post('id');
    $updateimage = '';
    if (!empty($_FILES["image"]["name"])){
        $updateimage = $this->uploadImage();
    } else {
        $updateimage = $this->input->post('old_image');
    }
    $data = [
        'no_surat' => $this->input->post('no_surat'),
        'tgl_surat' => $this->input->post('tgl_surat'),
        'surat_from' => $this->input->post('surat_from'),
        'surat_to' => $this->input->post('surat_to'),
        'tgl_terima' => $this->input->post('tgl_terima'),
        'perihal' => $this->input->post('perihal'),
    ];
}

```

```

        'keterangan' => $this->input->post('keterangan'),
        'image' => $updateimage,
        'is_active' => '1',
    ];
    return $this->db->set($data)->where($this->primary,$id)->update($this->_table);
    // if($this->db->affected_rows()>0){
    //     $this->session->set_flashdata("success","Data user Berhasil DiUpdate");
    // }
}
public function delete($id)
{
    $this->deleteImage($id);
    $this->db->where('id',$id)->delete($this->_table);
    if($this->db->affected_rows()>0){
        $this->session->set_flashdata("success","Data user Berhasil DiDelete");
    }
}

private function deleteImage($id)
{
    $surat = $this->getById($id);
    if ($surat->image != "no_image.jpg") {
        $filename = explode(".", $surat->image)[0];
        return array_map('unlink', glob(FCPATH."assets/photo/surat_masuk/$filename.*"));
    }
}
}
}

```

Controller buat file di admin/Surat\_masuk.php

```

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

class Surat_masuk extends CI_Controller {
    public function __construct()
    {
        parent::__construct();
        $this->load->model("Masuk_model");
    }
}

```

```

        cek_login();
        $this->load->library('form_validation');
    }
    public function index()
    {
        $data = array(
            'title' => 'View Data Surat',
            'surat' => $this->Masuk_model->getAll(),
            'content'=> 'admin/surat_masuk/index'
        );
        $this->load->view('admin/template/main',$data);
    }

    public function add()
    {
        $data = array(
            'title' => 'Tambah Data Surat Masuk',
            'content'=> 'admin/surat_masuk/add_form'
        );
        $this->load->view('admin/template/main',$data);
    }
    public function save()
    {
        $this->Masuk_model->Save();
        if($this->db->affected_rows()>0){
            $this->session->
>set_flashdata("success","Data Surat Masuk Berhasil DiSimpan");
        }
        redirect('admin/surat_masuk');
    }

    public function getedit($id)
    {
        $data = array(
            'title' => 'Update Data Surat Masuk',
            'surat' => $this->Masuk_model->getById($id),
            'content'=> 'admin/surat_masuk/edit_form'
        );
        $this->load->view('admin/template/main',$data);
    }

    public function edit()
    {
        $this->Masuk_model->editData();
    }

```

```

        if($this->db->affected_rows()>0){
            $this->session->
>set_flashdata("success","Data user Berhasil DiUpdate");
        }
        redirect('admin/surat_masuk');
    }
    function delete($id)
    {
        $this->Masuk_model->delete($id);
        redirect('admin/surat_masuk');
    }
}

```

View

Index.php

```

<main>
    <div class="container-fluid">
        <h1 class="mt-4"></h1>
        <ol class="breadcrumb mb-4">
            <li class="breadcrumb-
item"><a href="<?php echo site_url('admin/surat_masuk') ?>">User</a></li>
            <li class="breadcrumb-item active"><?php echo $title ?></li>
        </ol>
        <div class="card mb-4">
            <div class="card-header">
                <a href="<?php echo site_url('admin/surat_masuk/add') ?>"><i clas
s="fas fa-plus"></i> Add New</a>
            </div>
            <?php if ($this->session->flashdata('success')): ?>
            <div class="alert alert-success" role="alert">
                <?php echo $this->session->flashdata('success'); ?>
            </div>
            <?php endif; ?>
            <div class="card-body">
                <div class="table-responsive">
                    <table class="table table-striped table-bordered table-
hover" id="tabelsurat" width="100%" cellpadding="0">
                        <thead>

```

```

        <tr>
            <th>No.</th>
            <th>No Surat</th>
            <th>Perihal</th>
            <th>Keterangan</th>
            <th>Taggal Surat</th>
            <th>Surat</th>

            <th>Action</th>
        </tr>
    </thead>
    <tbody>
        <?php
        $no =1;
        foreach ($surat as $suratdata) {
        echo "<tr>
            <td>$no</td>
            <td>$suratdata->no_surat</td>
            <td>$suratdata->perihal</td>
            <td>$suratdata->keterangan</td>
            <td>$suratdata->tgl_surat</td>
            <td>
                <img src='".base_url('assets/photo/surat_masuk/' . $suratdata->image)." width ='64' />

            <td>
                <div>
                    <a href='".base_url('admin/surat_masuk/getedit/' . $suratdata->id)." class='btn btn-sm btn-info'><i class='fas fa-edit'></i> Edit</a>
                    <a href='".base_url('admin/surat_masuk/delete/' . $suratdata->id)." class='btn btn-sm btn-danger'
                        onclick='return confirm(\"Ingin mengapus data user in i?\");'><i class='fas fa-trash'></i> Hapus</a>
                </div>
            </td>
        </tr>";
        $no++;
        } ?>

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

</div>

```

```

        </div>
        <div style="height: 100vh"></div>
    </div>
</main>

```

## Add\_form.php

```

<main>
    <div class="container-fluid">
        <h1 class="mt-4"></h1>
        <ol class="breadcrumb mb-4">
            <li class="breadcrumb-
item"><a href="<?php echo site_url('admin/surat_masuk') ?>">User</a></li>
            <li class="breadcrumb-item active"><?php echo $title ?></li>
        </ol>
        <div class="card mb-4">
            <div class="card-body">
                <form action="<?php echo site_url('admin/surat_masuk/edit') ?>" method="post" enctype="multipart/form-data" >
                    <div class="mb-3">
                        <label>NO SURAT MASUK <code>*</code></label>
                        <input class="form-
control" type="text" name="no_surat" placeholder="NO SURAT MASUK" required />
                    </div>
                    <div class="mb-3">
                        <label>PERIHAL SURAT <code>*</code></label>
                        <input class="form-
control" type="text" name="perihal" placeholder="PERIHAL SURAT" required />
                    </div>
                    <div class="mb-3">
                        <label>TANGGAL SURAT <code>*</code></label>
                        <input class="form-
control" type="date" name="tgl_surat" placeholder="TANGGAL SURAT" required />
                    </div>
                    <div class="mb-3">
                        <label>SURAT DARI <code>*</code></label>

```



```

        <input class="form-
control" type="text" name="surat_from" placeholder="SURAT DARI" required />

    </div>
    <div class="mb-3">
        <label >TUJUAN SURAT <code>*</code></label>
        <input class="form-
control" type="text" name="surat_to" placeholder="TUJUAN SURAT" required />

    </div>
    <div class="mb-3">
        <label >TANGGAL TERIMA SURAT <code>*</code></label>
        <input class="form-
control" type="date" name="tgl_terima" placeholder="TANGGAL TERIMA SURAT" require
d />

    </div>
    <div class="mb-3">
        <label for="username">KETERANGAN <code>*</code></label>
        <textarea class="form-
control" placeholder="KETERANGAN" name="keterangan" id="floatingTextarea2" style=
"height: 100px"></textarea>
    </div>
    <div class="mb-3">
        <label for="image">BERKAS SURAT (Photo)</label>
        <input type="file" class="form-
control" id="inputGroupFile01" name="image">
    </div>
    <button class="btn btn-primary" type="submit"><i class="fas fa-
plus"></i> Save Data</button>
</form>

</div>
</div>
<div style="height: 100vh"></div>
</div>
</main>

```

Edit\_form.php

```
<main>
```

```

<div class="container-fluid">
    <h1 class="mt-4"></h1>
    <ol class="breadcrumb mb-4">
        <li class="breadcrumb-
item"><a href="<?php echo site_url('admin/user') ?>">User</a></li>
        <li class="breadcrumb-item active"><?php echo $title ?></li>
    </ol>
    <div class="card mb-4">
        <div class="card-body">
            <form action="<?php echo site_url('admin/surat_masuk/edit') ?>" metho
d="post" enctype="multipart/form-data" >
                <div class="mb-3">
                    <label >NO SURAT MASUK <code>*</code></label>
                    <input class="form-
control" type="hidden" name="id" value="<?=$surat-
>id;?>" required />
                    <input class="form-
control" type="text" name="no_surat" value="<?=$surat-
>no_surat;?>" placeholder="NO SURAT MASUK" required />
                </div>
                <div class="mb-3">
                    <label >PERIHAL SURAT <code>*</code></label>
                    <input class="form-
control" type="text" name="perihal" value="<?=$surat-
>perihal;?>" placeholder="PERIHAL SURAT" required />
                </div>
                <div class="mb-3">
                    <label >TANGGAL SURAT <code>*</code></label>
                    <input class="form-
control" type="date" name="tgl_surat" value="<?=$surat-
>tgl_surat;?>" placeholder="TANGGAL SURAT" required />
                </div>
                <div class="mb-3">
                    <label >SURAT DARI <code>*</code></label>
                    <input class="form-
control" type="text" name="surat_from" value="<?=$surat-
>surat_from;?>" placeholder="SURAT DARI" required />
                </div>
                <div class="mb-3">
                    <label >TUJUAN SURAT <code>*</code></label>
                    <input class="form-
control" type="text" name="surat_to" value="<?=$surat-
>surat_to;?>" placeholder="TUJUAN SURAT" required />
                </div>
                <div class="mb-3">

```

```

        <label >TANGGAL TERIMA SURAT <code>*</code></label>
        <input class="form-
control" type="date" name="tgl_terima" value="<?=$surat-
>tgl_surat;?>" placeholder="TANGGAL TERIMA SURAT" required />
    </div>
    <div class="mb-3">
        <label for="username">KETERANGAN <code>*</code></label>
        <textarea class="form-
control" placeholder="KETERANGAN" name="keterangan" id="floatingTextarea2" style=
"height: 100px"><?=$surat->keterangan;?> </textarea>
    </div>
    <div class="mb-3">
        <label for="image">BERKAS SURAT (Photo)</label>
        <input type="file" class="form-
control " id="inputGroupFile01" name="image">
        <input class="form-
control" type="hidden" name="old_image" value="<?=$surat-
>image;?>" required />
    </div>
    <button class="btn btn-primary" type="submit"><i class="fas fa-
plus"></i> Save Data</button>
</form>

</div>
</div>
<div style="height: 100vh"></div>
</div>
</main>

```

Install library ,

<https://developer.snapappointments.com/bootstrap-select/>