LEMBAR PROGRES

UKK 2021 - Aplikasi Pembayaran SPP

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PROGRES KE : **4**

KETENTUAN UMUM :

1. Setiap progres, wajib menyertakan kode program (*source code*) dan print screen hasil secara lengkap
2. Wajib melakukan progres minimal 5 Kali sebelum tanggal 19 April 2021
3. Untuk ikut UKK wajib menyelesaikan 75% projek

KETENTUAN TEKNIS :

✓ Convert Lembar Progres ini ke dalam format **PDF (.pdf)**, untuk di upload di **Google Form yang telah disediakan**

✓ Ganti nama file pdf dengan format : **NoAbsen_Nama_Kelas_ProgresKe (contoh : 01_Andi Ronaldo_XII RPL B_1)**

✓ Ukuran file maksimal : **3 MB**

HASIL PROGRES

Pada progress ke-4 ini saya, merevisi stuktur table sebelumnya dengan menambahkan kolom 'dihapus' pada table petugas, kelas, siswa, dan spp untuk menghindari hilangnya data pada table pembayaran ketika dihapus dikarenakan relasi antar table (misal saya menghapus data petugas A yang telah melakukan entri pembayaran siswa B, maka kolom id_petugas pada table pembayaran akan tidak ditemukan pada table petugas. Jadi saya menghindari hilangnya data tersebut dengan kolom 'dihapus' tersebut).

Jadi saya mengubah fungsi delete pada model untuk crud petugas, kelas, siswa, dan spp menjadi update kolom 'dihapus'. Jika kolom 'dihapus' berisi 1 maka data dianggap telah dihapus dan tidak akan muncul begitupun sebaliknya. Selain itu, saya mengubah table pada halaman view petugas, kelas, siswa, dan spp dengan menggunakan datatable guna mengefisiensi baris program. Serta saya juga telah menyelesaikan entri transaksi pembayaran spp. Sekian dan terimakasih.

Kode program :

1. Controller Petugas.php

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

/*
 * author ryanadi
 */

class Petugas extends CI_Controller
{

    public function __construct()
    {
        parent::__construct();
        $this->load->model('M_Admin');
        $this->load->library('form_validation');
    }

    //halaman petugas
    public function index()
```

```php
    {
        if($this->session->userdata('level') == 'Administrator') {
            $data['title'] = 'Preparation SPP';
            $data['app'] = 'Bayar SPP';
            $data['user'] = $this->M_Admin->datauser();
            $data['petugas'] = $this->M_Admin->getPetugas();

            $this->template->load('admin/template', 'admin/petugas/petugas', $data);
        }else{
            redirect('dashboard');
        }
    }

    //tambah petugas
    public function tambah_petugas()
    {
        if($this->session->userdata('level') == 'Administrator') {

            $this->form_validation-
>set_rules('username', 'Username', 'required|trim|is_unique[petugas.username]', [
                'required' => 'Username diperlukan!',
                'is_unique' => 'Username sudah tersedia, gunakan username lain!'
            ]);

            $this->form_validation-
>set_rules('nama_petugas', 'Nama_Petugas', 'required|trim');

            $this->form_validation-
>set_rules('password', 'Password', 'required|trim|min_length[8]|matches[password_confi
rm]', [
                'min_length' => 'Password terlalu pendek! kurang lebih harus 8 charact
er!',
                'matches' => 'Password tidak sama! coba lagi!'
            ]);

            $this->form_validation-
>set_rules('password_confirm', 'Password Confirmation', 'trim|matches[password]', [
                'matches' => 'Password tidak sama! coba lagi!'
            ]);

            if ($this->form_validation->run() == false) {
                $data['title'] = 'Preparation SPP';
                $data['app'] = 'Bayar SPP';
```

```php
            $data['user'] = $this->M_Admin->datauser();

            $this->template-
>load('admin/template', 'admin/petugas/tambahpetugas', $data);
        }
        else {

            $this->M_Admin->tambah_petugas();
            $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data petugas berhasil ditambahkan!<button type="bu
tton" class="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');

            redirect('petugas');
        }
    }else{
        redirect('dashboard');
    }
}

//ubah petugas
public function ubah_petugas($id)
{

    if($this->session->userdata('level') == 'Administrator') {
        $data['title'] = 'Preparation SPP';
        $data['app'] = 'Bayar SPP';
        $data['user'] = $this->M_Admin->datauser();
        $data['detail'] = $this->M_Admin->getDataPetugas($id);

        $this->form_validation-
>set_rules('username', 'Username', 'required|trim', [
            'required' => 'Username diperlukan!'
            ]);

        $this->form_validation-
>set_rules('nama_petugas', 'Nama_Petugas', 'required|trim');

        $this->form_validation-
>set_rules('password', 'Password', 'trim|min_length[8]|matches[password_confirm]', [
            'min_length' => 'Password terlalu pendek! kurang lebih harus 8 charact
er!',
```

```php
                'matches' => 'Password tidak sama! coba lagi!'
            ]);

        $this->form_validation-
>set_rules('password_confirm', 'Password Confirmation', 'trim|matches[password]', [
                'matches' => 'Password tidak sama! coba lagi!'
            ]);

        if ($this->form_validation->run() == false) {

            $this->template-
>load('admin/template', 'admin/petugas/ubahpetugas', $data);
        } else {
            $pass = $this->input->post('password');
            if($pass == null){
                $data = [
                    'username' => htmlspecialchars($this->input-
>post('username', true)),
                    'nama_petugas' => htmlspecialchars($this->input-
>post('nama_petugas', true)),
                ];
            } else{
                $data = [
                    'username' => htmlspecialchars($this->input-
>post('username', true)),
                    'nama_petugas' => htmlspecialchars($this->input-
>post('nama_petugas', true)),
                    'password' => password_hash($pass, PASSWORD_DEFAULT),
                ];
            }

            $where = [
                'id_petugas' => $this->input->post('id_petugas')
            ];
            $this->M_Admin->ubah_petugas($data, $where);
            $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data petugas berhasil diubah!<button type="button"
 class="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');

            redirect('petugas');
        }
```

```php
        }else{
            redirect('dashboard');
        }
    }

    //delete petugas
    public function delete_petugas($id)
    {
        if($this->session->userdata('level') == 'Administrator') {

            $this->M_Admin->delete_petugas($id);
            $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data petugas berhasil dihapus!<button type="button
" class="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');

            redirect('petugas');
        }else{
            redirect('dashboard');
        }
    }

    //blokir petugas
    public function block_petugas($id)
    {
        if($this->session->userdata('level') == 'Administrator') {

            $this->M_Admin->block_petugas($id);
            $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data petugas berhasil diblokir!<button type="butto
n" class="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');

            redirect('petugas');
        }else{
            redirect('dashboard');
        }
    }

    //aktifkan petugas
    public function active_petugas($id)
```

```php
    {
        if($this->session->userdata('level') == 'Administrator') {

            $this->M_Admin->active_petugas($id);
            $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data petugas berhasil diaktifkan!<button type="but
ton" class="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');

            redirect('petugas');
        }else{
            redirect('dashboard');
        }
    }

}
?>
```

2. Controller Kelas.php

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

/*
 * author ryanadi
 */

class Kelas extends CI_Controller
{

    public function __construct()
    {
        parent::__construct();
        $this->load->model('M_Admin');
        $this->load->library('form_validation');
    }

    //halaman kelas
    public function index()
    {
        if($this->session->userdata('level') == 'Administrator') {
            $data['title'] = 'Preparation SPP';
```

```php
            $data['app'] = 'Bayar SPP';
            $data['user'] = $this->M_Admin->datauser();
            $data['kelas'] = $this->M_Admin->getAllKelas();

            $this->template->load('admin/template', 'admin/kelas/kelas', $data);
        }else{
            redirect('dashboard');
        }
    }

    //tambah kelas
    public function tambah_kelas()
    {
        if($this->session->userdata('level') == 'Administrator') {
            $this->form_validation-
>set_rules('nama_kelas', 'Nama_kelas', 'required|trim|is_unique[kelas.nama_kelas]', [
                'required' => 'Nama Kelas diperlukan!',
                'is_unique' => 'Nama Kelas sudah tersedia, gunakan nama kelas lain!'
            ]);

            $this->form_validation-
>set_rules('kompetensi_keahlian', 'Kompetensi_keahlian', 'required|trim', [
                'required' => 'Kompetensi Keahlian diperlukan!',
            ]);

            if ($this->form_validation->run() == false) {

                $data['title'] = 'Preparation SPP';
                $data['app'] = 'Bayar SPP';
                $data['user'] = $this->M_Admin->datauser();

                $this->template-
>load('admin/template', 'admin/kelas/tambahkelas', $data);
            }
            else {

                $this->M_Admin->tambah_kelas();
                $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data kelas berhasil ditambahkan!<button type="butt
on" class="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');
```

```php
                redirect('kelas');
            }
        }else{
            redirect('dashboard');
        }
    }

    //ubah kelas
    public function ubah_kelas($id)
    {
        if($this->session->userdata('level') == 'Administrator') {
            $data['title'] = 'Preparation SPP';
            $data['app'] = 'Bayar SPP';
            $data['user'] = $this->M_Admin->datauser();
            $data['detail'] = $this->M_Admin->getDataKelas($id);

            $this->form_validation-
>set_rules('nama_kelas', 'Nama_kelas', 'required|trim', [
                'required' => 'Nama Kelas diperlukan!'
            ]);

            $this->form_validation-
>set_rules('kompetensi_keahlian', 'Kompetensi_keahlian', 'required|trim', [
                'required' => 'Kompetensi Keahlian diperlukan!',
            ]);

            if ($this->form_validation->run() == false) {

                $this->template-
>load('admin/template', 'admin/kelas/ubahkelas', $data);
            } else {
                $data = [
                    'kompetensi_keahlian' => htmlspecialchars($this->input-
>post('kompetensi_keahlian', true)),
                    'nama_kelas' => htmlspecialchars($this->input-
>post('nama_kelas', true)),
                ];

                $where = [
                    'id_kelas' => $this->input->post('id_kelas')
                ];

                $this->M_Admin->ubah_kelas($data, $where);
```

```php
                $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data kelas berhasil diubah!<button type="button" c
lass="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');

                redirect('kelas');
            }
        }else{
                redirect('dashboard');
        }
    }


    //delete kelas
    public function delete_kelas($id)
    {
        if($this->session->userdata('level') == 'Administrator') {
            $this->M_Admin->delete_kelas($id);
            $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data kelas berhasil dihapus!<button type="button"
class="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');

            redirect('kelas');
        }else{
            redirect('dashboard');
        }
    }

}
?>
```

3. Controller Spp.php

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

/*
 * author ryanadi
 */

class Spp extends CI_Controller
```

```php
{

    public function __construct()
    {
        parent::__construct();
        $this->load->model('M_Admin');
        $this->load->library('form_validation');
    }

    //halaman spp
    public function index()
    {
        if($this->session->userdata('level') == 'Administrator') {
            $data['title'] = 'Preparation SPP';
            $data['app'] = 'Bayar SPP';
            $data['user'] = $this->M_Admin->datauser();
            $data['spp'] = $this->M_Admin->getAllSpp();

            $this->template->load('admin/template', 'admin/spp/spp', $data);
        }else{
            redirect('dashboard');
        }
    }

    //tambah spp
    public function tambah_spp()
    {
        if($this->session->userdata('level') == 'Administrator') {
            $this->form_validation-
>set_rules('tahun', 'Tahun', 'required|trim|min_length[4]|integer', [
                'required' => 'Tahun harus diisi!',
                'integer' => 'Tahun harus berupa bilangan bulat'
            ]);

            $this->form_validation-
>set_rules('nominal', 'Nominal', 'required|trim|numeric|integer', [
                'required' => 'Nominal harus diisi!',
                'numeric'  => 'Jumlah harus berupa angka bilangan bulat',
                'integer'  => 'Angka harus berupa bilangan bulat, tanpa karakter lainy
a'
            ]);

            if ($this->form_validation->run() == false) {
```

```php
                $data['title'] = 'Preparation SPP';
                $data['app'] = 'Bayar SPP';
                $data['user'] = $this->M_Admin->datauser();

                $this->template->load('admin/template', 'admin/spp/tambahspp', $data);
            }
            else {
                $this->M_Admin->tambah_spp();
                $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data spp berhasil ditambahkan!<button type="button
" class="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');

                redirect('spp');
            }
        }else{
            redirect('dashboard');
        }
    }

    //ubah spp
    public function ubah_spp($id)
    {
        if($this->session->userdata('level') == 'Administrator') {

            $data['title'] = 'Preparation SPP';
            $data['app'] = 'Bayar SPP';
            $data['user'] = $this->M_Admin->datauser();
            $data['detail'] = $this->M_Admin->getDataSpp($id);

            $this->form_validation-
>set_rules('tahun', 'Tahun', 'required|trim|min_length[4]|integer', [
                'required' => 'Tahun harus diisi!',
                'integer' => 'Tahun harus berupa bilangan bulat'
            ]);

            $this->form_validation-
>set_rules('nominal', 'Nominal', 'required|trim|numeric|integer', [
                'required' => 'Nominal harus diisi!',
                'numeric'  => 'Jumlah harus berupa angka bilangan bulat',
```

```php
                'integer'  => 'Angka harus berupa bilangan bulat, tanpa karakter lainy
a'
            ]);

            if ($this->form_validation->run() == false) {

                $this->template->load('admin/template', 'admin/spp/ubahspp', $data);
            } else {
                $data = [
                    'tahun' => $this->input->post('tahun', true),
                    'nominal' => $this->input->post('nominal', true),
                ];

                $where = [
                    'id_spp' => $this->input->post('id_spp')
                ];

                $this->M_Admin->ubah_spp($data, $where);
                $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data spp berhasil diubah!<button type="button" cla
ss="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');

                redirect('spp');
            }
        }else{
            redirect('dashboard');
        }
    }

    //delete spp
    public function delete_spp($id)
    {
        if($this->session->userdata('level') == 'Administrator') {

            $this->M_Admin->delete_spp($id);
            $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data spp berhasil dihapus!<button type="button" cl
ass="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');
```

```
            redirect('spp');
        }else{
            redirect('dashboard');
        }
    }


}
?>
```

4. Controller Siswa.php

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

/*
 * author ryanadi
 */

class Siswa extends CI_Controller
{

    public function __construct()
    {
        parent::__construct();
        $this->load->model('M_Admin');
        $this->load->library('form_validation');
    }

    //halaman siswa
    public function index()
    {
        if($this->session->userdata('level') == 'Administrator') {
            $data['title'] = 'Preparation SPP';
            $data['app'] = 'Bayar SPP';
            $data['user'] = $this->M_Admin->datauser();
            $data['siswa'] = $this->M_Admin->getSiswa();

            $this->template->load('admin/template', 'admin/siswa/siswa', $data);
        }else{
            redirect('dashboard');
        }
    }
```

```php
    //tambah siswa
    public function tambah_siswa()
    {
        if($this->session->userdata('level') == 'Administrator') {

            $data['title'] = 'Preparation SPP';
            $data['app'] = 'Bayar SPP';
            $data['user'] = $this->M_Admin->datauser();
            $data['siswa'] = $this->M_Admin->getSiswa();
            $data['kelas'] = $this->M_Admin->getAllKelas();
            $data['spp'] = $this->M_Admin->getAllSpp();

            $this->form_validation-
>set_rules('nisn', 'NISN', 'required|trim|numeric|integer|is_unique[siswa.nisn]', [
                'required' => 'NISN harus diisi!',
                'numeric'  => 'NISN harus berupa angka!',
                'integer'  => 'NISN hanya berupa bilangan bulat',
                'is_unique' => 'NISN sudah terdaftar'
            ]);

            $this->form_validation-
>set_rules('nis', 'NIS', 'required|trim|numeric|integer|is_unique[siswa.nis]', [
                'required' => 'NIS harus diisi!',
                'integer' => 'NIS hanya berupa bilangan bulat!',
                'numeric'  => 'NIS harus berupa angka!',
                'is_unique' => 'NIS sudah terdaftar'
            ]);

            $this->form_validation-
>set_rules('nama_siswa', 'Nama_Siswa', 'required|trim', [
                'required' => 'Nama siswa harus diisi!'
            ]);

            $this->form_validation-
>set_rules('no_telepon', 'No_Telepon', 'required', [
                'required' => 'No. Telepon harus diisi!'
            ]);

            $this->form_validation->set_rules('id_kelas', 'Kelas', 'required', [
                'required' => 'Kelas harus dipilih'
            ]);

            $this->form_validation->set_rules('id_spp', 'SPP', 'required', [
```

```php
                'required' => 'SPP harus dipilih'
            ]);

            $this->form_validation->set_rules('alamat', 'Alamat', 'required', [
                'required' => 'Alamat harus diisi!'
            ]);

            if ($this->form_validation->run() == false) {

                $this->template-
>load('admin/template', 'admin/siswa/tambahsiswa', $data);
            }
            else {
                $this->M_Admin->tambah_siswa();
                $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data siswa berhasil ditambahkan!<button type="butt
on" class="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');

                redirect('siswa');
            }
        }else{
            redirect('dashboard');
        }
    }

    //ubah siswa
    public function ubah_siswa($nisn)
    {
        if($this->session->userdata('level') == 'Administrator') {

            $data['title'] = 'Preparation SPP';
            $data['app'] = 'Bayar SPP';
            $data['user'] = $this->M_Admin->datauser();
            $data['detail'] = $this->M_Admin->getAllSiswa($nisn);
            $data['siswa'] = $this->M_Admin->getSiswa();
            $data['kelas'] = $this->M_Admin->getAllKelas();
            $data['spp'] = $this->M_Admin->getAllSpp();

            $this->form_validation-
>set_rules('nisn', 'NISN', 'required|trim|numeric|integer', [
                'required' => 'NISN harus diisi!',
```

```php
                'numeric'  => 'NISN harus berupa angka!',
                'integer'  => 'NISN hanya berupa bilangan bulat',
            ]);

            $this->form_validation-
>set_rules('nis', 'NIS', 'required|trim|numeric|integer', [
                'required' => 'NIS harus diisi!',
                'integer' => 'NIS hanya berupa bilangan bulat!',
                'numeric'  => 'NIS harus berupa angka!',
            ]);

            $this->form_validation-
>set_rules('nama_siswa', 'Nama_Siswa', 'required|trim', [
                'required' => 'Nama siswa harus diisi!'
            ]);

            $this->form_validation-
>set_rules('no_telepon', 'No_Telepon', 'required', [
                'required' => 'No. Telepon harus diisi!'
            ]);

            $this->form_validation->set_rules('id_kelas', 'Kelas', 'required', [
                'required' => 'Kelas harus dipilih'
            ]);

            $this->form_validation->set_rules('id_spp', 'SPP', 'required', [
                'required' => 'SPP harus dipilih'
            ]);

            $this->form_validation->set_rules('alamat', 'Alamat', 'required', [
                'required' => 'Alamat harus diisi!'
            ]);

            if ($this->form_validation->run() == false) {

                $this->template-
>load('admin/template', 'admin/siswa/ubahsiswa', $data);
            }
            else {
                $data = [
                    'nis' => $this->input->post('nis', true),
                    'nama_siswa' => $this->input->post('nama_siswa', true),
                    'no_telepon' => $this->input->post('no_telepon', true),
```

```php
                'id_kelas' => $this->input->post('id_kelas', true),
                'id_spp' => $this->input->post('id_spp', true),
                'alamat' => $this->input->post('alamat', true)
            ];

            $where = [
                'nisn' => $this->input->post('nisn', true),
            ];

            $this->M_Admin->ubah_siswa($data, $where);
            $this->session->set_flashdata('message', '<div class="alert alert-success mx-auto alert-
dismissible fade show" role="alert">Data siswa berhasil diubah!<button type="button" c
lass="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');

            redirect('siswa');
        }
    }else{
        redirect('dashboard');
    }
}

//detail siswa
public function detail_siswa($nisn)
{
    if($this->session->userdata('level') == 'Administrator') {

        $data['title'] = 'Preparation SPP';
        $data['app'] = 'Bayar SPP';
        $data['user'] = $this->M_Admin->datauser();
        $data['detail'] = $this->M_Admin->getAllSiswa($nisn);
        $this->template->load('admin/template', 'admin/siswa/detailsiswa', $data);
    }else{
        redirect('dashboard');
    }
}

//delete siswa
public function delete_siswa($nisn)
{
    if($this->session->userdata('level') == 'Administrator') {
```

```php
            $this->M_Admin->delete_siswa($nisn);
            $this->session->set_flashdata('message', '<div class="alert alert-
success mx-auto alert-
dismissible fade show" role="alert">Data siswa berhasil dihapus!<button type="button"
class="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');

            redirect('siswa');
        }else{
            redirect('dashboard');
        }
    }

}
?>
```

5. Controller Transaksi.php

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

/*
 * author ryanadi
 */

class Transaksi extends CI_Controller
{

    public function __construct()
    {
        parent::__construct();
        $this->load->model('M_Admin');
        $this->load->library('form_validation');
    }

    //halaman transaksi
    public function index()
    {
        if($this->session->userdata('userid') != null) {
            if($this->session->userdata('level') == 'Administrator' || $this->session-
>userdata('level') == 'Petugas') {
                $data['title'] = 'Preparation SPP';
                $data['app'] = 'Bayar SPP';
```

```php
                $data['user'] = $this->M_Admin->datauser();
                $data['siswa'] = $this->M_Admin->getSiswa();
                $data['datafilter'] = $this->M_Admin->getAllLaporan();
                $this->template-
>load('admin/template', 'admin/transaksi/transaksi', $data);
            }else{
                redirect('auth');
            }
        }else{
            redirect('auth');
        }
    }

    public function proses_pembayaran()
    {
        if($this->session->userdata('userid') != null) {
            if($this->session->userdata('level') == 'Administrator' || $this->session-
>userdata('level') == 'Petugas') {
                $data['title'] = 'Preparation SPP';
                $data['app'] = 'Bayar SPP';
                $data['user'] = $this->M_Admin->datauser();
                $data['siswa'] = $this->M_Admin->getSiswa();
                $data['kelas'] = $this->M_Admin->getAllKelas();
                $data['spp'] = $this->M_Admin->getAllSpp();

                $this->form_validation-
>set_rules('nisn', 'NISN', 'required|trim|numeric|integer', [
                    'required' => 'NISN harus diisi!',
                    'numeric'  => 'NISN harus berupa angka!',
                    'integer'  => 'NISN hanya berupa bilangan bulat'
                ]);

                $this->form_validation-
>set_rules('bulan_dibayar', 'bulan_dibayar', 'required|trim', [
                    'required' => 'Bulan harus diisi!'
                ]);

                $this->form_validation-
>set_rules('tahun', 'Tahun', 'required|trim|min_length[4]|integer', [
                    'required' => 'Tahun harus diisi!',
                    'integer' => 'Tahun harus berupa bilangan bulat'
                ]);
```

```php
                $this->form_validation-
>set_rules('nominal', 'Nominal', 'required|trim|numeric|integer', [
                    'required' => 'Nominal harus diisi!',
                    'numeric'  => 'Jumlah harus berupa angka bilangan bulat',
                    'integer'  => 'Angka harus berupa bilangan bulat, tanpa karakter l
ainya'
                ]);

                $this->form_validation->set_rules('id_spp', 'Id_spp', 'required', [
                    'required' => 'SPP harus dipilih'
                ]);

                if ($this->form_validation->run() == false) {

                    $this->template-
>load('admin/template', 'admin/transaksi/transaksi', $data);
                }
                else {
                    $nisn = $this->input->post('nisn', true);
                    $bulan = $this->input->post('bulan_dibayar', true);
                    $tahun = $this->input->post('tahun', true);

                    $query = $this->M_Admin->validasi($nisn, $bulan, $tahun);
                    if(!$query){
                        $this->M_Admin-
>proses_pembayaran($data['user']['id_petugas']);
                        $this->session-
>set_flashdata('message', '<div class="alert alert-success mx-auto alert-
dismissible fade show" role="alert">Data pembayaran berhasil ditambahkan!<button type=
"button" class="close" data-dismiss="alert" aria-label="Close"><span aria-
hidden="true">&times;</span></button></div>');
                    }else{
                        $this->session-
>set_flashdata('message', '<div class="alert alert-danger mx-auto alert-
dismissible fade show" role="alert">Data pembayaran gagal ditambahkan! siswa sudah mem
bayar!<button type="button" class="close" data-dismiss="alert" aria-
label="Close"><span aria-hidden="true">&times;</span></button></div>');
                    }
                    redirect('transaksi');

                }
            }else{
                redirect('auth');
```

```
        }
    }else{
        redirect('auth');
    }
  }
}
?>
```

6. Controller Dashboard.php (update)

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

/**
 * author ryanadi
 */

class Dashboard extends CI_Controller
{

    public function __construct()
    {
        parent::__construct();
        $this->load->model('M_Admin');
        $this->load->library('form_validation');
    }

    //halaman utama
    public function index()
    {
        if($this->session->userdata('userid') != null) {
            if($this->session->userdata('level') == 'Administrator' || $this->session-
>userdata('level') == 'Petugas') {
                $data['title'] = 'Preparation SPP';
                $data['app'] = 'Bayar SPP';
                $data['user'] = $this->M_Admin->datauser();
                $data['siswa'] = $this->M_Admin->countSiswa();
                $data['petugas'] = $this->M_Admin->countPetugas();
                $data['transaksi'] = $this->M_Admin->countTransaksi();
                $this->template->load('admin/template', 'admin/dashboard', $data);
            }elseif($this->session->userdata('level') == 'Siswa'){
                $data['title'] = 'Preparation SPP';
                $data['app'] = 'Bayar SPP';
```

```php
            $nisn = $this->session->userdata('userid');
            $data['detail'] = $this->M_Admin->getAllSiswa($nisn);
            $data['datafilter'] = $this->M_Admin->getHistori($nisn);
            $this->template-
>load('admin/template', 'admin/dashboard_siswa', $data);
        }else{
            redirect('auth');
        }
    }else{
        redirect('auth');
    }
}

}
?>
```

7. Model M_Admin.php

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

/**
 * author ryanadi
 */

class M_Admin extends CI_Model
{
    public function __construct()
    {
        parent::__construct();
    }

    //cek login
    public function getUsername($username)
    {
        return $this->db->get_where('petugas', ['username' => $username])-
>row_array();
    }

    //cek login siswa
    public function getNisn($nisn)
    {
        return $this->db->get_where('siswa', ['nisn' => $nisn])->row_array();
```

```php
    }

    //datauser / session
    public function datauser()
    {
        return $this->db->get_where('petugas', ['username' => $this->session-
>userdata('username')])->row_array();
    }

    //ambil data petugas
    public function getDataPetugas($id)
    {
        return $this->db->get_where('petugas', ['id_petugas' => $id])->row_array();
    }

    //ambil data petugas
    public function getPetugas()
    {
        return $this->db->get_where('petugas', ['dihapus' => 0])->result_array();
    }

    //count data petugas
    public function countPetugas()
    {
        return $this->db->get_where('petugas', ['dihapus' => 0])->num_rows();
    }

    //tambah petugas
    public function tambah_petugas()
    {
        $data = [
            'username' => htmlspecialchars($this->input->post('username', true)),
            'nama_petugas' => htmlspecialchars($this->input-
>post('nama_petugas', true)),
            'password' => password_hash($this->input-
>post('password'), PASSWORD_DEFAULT),
            'level' => 'Petugas',
            'status' => 1,
        ];
        $this->db->insert('petugas', $data);
    }

    //ubah petugas
```

```php
public function ubah_petugas($data, $where)
{
    return $this->db->where($where)->set($data)->update('petugas');
}

//delete petugas
public function delete_petugas($id)
{

    $data = [
        'dihapus' => 1
    ];
    return $this->db->where('id_petugas', $id)->update('petugas', $data);
}

//blokir petugas
public function block_petugas($id)
{

    $this->db->where('id_petugas', $id);
    $this->db->set('status', '0');
    $this->db->update('petugas');
}

//aktifkan petugas
public function active_petugas($id)
{

    $this->db->where('id_petugas', $id);
    $this->db->set('status', '1');
    $this->db->update('petugas');
}

//ambil data kelas
public function getDataKelas($id)
{

    return $this->db->get_where('kelas', ['id_kelas' => $id])->row_array();
}

//ambil data kelas
public function getAllKelas()
{

    return $this->db->get_where('kelas', ['dihapus' => 0])->result_array();
}

//count data kelas
```

```php
    public function countKelas()
    {
        return $this->db->get_where('kelas', ['dihapus' => 0])->num_rows();
    }

    //tambah kelas
    public function tambah_kelas()
    {
        $data = [
            'kompetensi_keahlian' => htmlspecialchars($this->input-
>post('kompetensi_keahlian', true)),
            'nama_kelas' => htmlspecialchars($this->input->post('nama_kelas', true)),
        ];
        $this->db->insert('kelas', $data);
    }

    //ubah kelas
    public function ubah_kelas($data, $where)
    {
        return $this->db->where($where)->set($data)->update('kelas');
    }

    //delete kelas
    public function delete_kelas($id)
    {
        $data = [
            'dihapus' => 1
        ];
        return $this->db->where('id_kelas', $id)->update('kelas', $data);
    }

    //ambil data spp
    public function getDataSpp($id)
    {
        return $this->db->get_where('spp', ['id_spp' => $id])->row_array();
    }

    //ambil data spp
    public function getAllSpp()
    {
        return $this->db->get_where('spp', ['dihapus' => 0])->result_array();
    }
```

```php
//count data spp
public function countSpp()
{
    return $this->db->get_where('spp', ['dihapus' => 0])->num_rows();
}


//tambah spp
public function tambah_spp()
{
    $data = [
        'tahun' => $this->input->post('tahun', true),
        'nominal' => $this->input->post('nominal', true),
    ];
    $this->db->insert('spp', $data);
}


//ubah spp
public function ubah_spp($data, $where)
{
    return $this->db->where($where)->set($data)->update('spp');
}


//delete spp
public function delete_spp($id)
{
    $data = [
        'dihapus' => 1
    ];
    return $this->db->where('id_spp', $id)->update('spp', $data);
}


//ambil data siswa
public function getAllSiswa($nisn)
{
    $this->db->select('*');
    $this->db->from('siswa a');
    $this->db->join('kelas b', 'a.id_kelas = b.id_kelas', 'left');
    $this->db->join('spp c', 'a.id_spp = c.id_spp', 'left');
    $this->db->where('nisn', $nisn);
    return $this->db->get()->row_array();
}


//ambil data Siswa
```

```php
public function getSiswa()
{
    $this->db->select('*');
    $this->db->from('siswa a');
    $this->db->join('kelas b', 'a.id_kelas = b.id_kelas', 'left');
    $this->db->join('spp c', 'a.id_spp = c.id_spp', 'left');
    $this->db->where('a.dihapus', 0);
    return $this->db->get()->result_array();
}

//count data Siswa
public function countSiswa()
{
    return $this->db->get_where('siswa', ['dihapus' => 0])->num_rows();
}

//tambah siswa
public function tambah_siswa()
{
    $data = [
        'nisn' => $this->input->post('nisn', true),
        'nis' => $this->input->post('nis', true),
        'nama_siswa' => $this->input->post('nama_siswa', true),
        'no_telepon' => $this->input->post('no_telepon', true),
        'id_kelas' => $this->input->post('id_kelas', true),
        'id_spp' => $this->input->post('id_spp', true),
        'alamat' => $this->input->post('alamat', true)
    ];

    $this->db->insert('siswa', $data);
}

//ubah siswa
public function ubah_siswa($data, $where)
{
    return $this->db->where($where)->set($data)->update('siswa');
}

//delete siswa
public function delete_siswa($nisn)
{
    $data = [
        'dihapus' => 1
```

```php
    ];
    return $this->db->where('nisn', $nisn)->update('siswa', $data);
}

//histori pemnbayaran siswa
public function getHistori($nisn)
{

    $this->db->select('*');
    $this->db->from('pembayaran a');
    $this->db->join('petugas b', 'a.id_petugas = b.id_petugas', 'left');
    $this->db->where('nisn', $nisn);
    $this->db->order_by('id_pembayaran DESC');
    return $this->db->get()->result_array();
}

//count data transaksi
public function countTransaksi()
{
    return $this->db->get('pembayaran')->num_rows();
}

//tambah transaksi
public function validasi($nisn, $bulan, $tahun)
{
    $query = "SELECT *
            FROM `pembayaran` WHERE `nisn` = $nisn
              AND `bulan_dibayar` = '$bulan' AND `tahun_dibayar` = $tahun";

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

public function proses_pembayaran($id)
{

    $data = [
        'nisn' => $this->input->post('nisn', true),
        'id_petugas' => $id,
        'tahun_dibayar' => $this->input->post('tahun', true),
        'bulan_dibayar' => $this->input->post('bulan_dibayar', true),
        'jumlah_bayar' => $this->input->post('nominal', true),
        'id_spp' => $this->input->post('id_spp', true),
    ];

    $this->db->insert('pembayaran', $data);
```

```php
    }

    //ambil semua laporan
    public function getAllLaporan()
    {
        $this->db->select('*');
        $this->db->from('pembayaran a');
        $this->db->join('petugas b', 'a.id_petugas = b.id_petugas', 'left');
        $this->db->join('siswa c', 'a.nisn = c.nisn', 'left');
        $this->db->order_by('id_pembayaran DESC');
        return $this->db->get()->result_array();
    }

}
?>
```

8. **Menghapus file table.php pada folder spp, kelas, siswa, dan petugas**

9. **Halaman view template.php berisi header dan footer dari folder admin (update)**

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

  <title><?= $title; ?></title>

  <meta name="viewport" content="width=device-width, initial-scale=1, maximum-
scale=1, minimum-scale=1">
  <link rel="stylesheet" href="<?= base_url('assets/'); ?>fontawesome-
free/css/all.min.css">
  <link rel="stylesheet" href="<?= base_url('assets/'); ?>bootstrap/css/bootstrap.min.
css">
  <link rel="stylesheet" href="<?= base_url('assets/'); ?>datatables-
bs4/css/dataTables.bootstrap4.css">
  <link rel="stylesheet" href="<?= base_url('assets/'); ?>style.css">
  <link rel="stylesheet" href="<?= base_url('assets/'); ?>daterangepicker/daterangepic
ker.css">
</head>

<body>
<input type="checkbox" name ="" id="sidebar-toggle">
```

```html
<div class="sidebar">
    <div class="sidebar-brand">
        <div class="brand-flex">
            <span class="fas fa-user-graduate"></span>
            <div class="brand-text mx-3"> <?= $app; ?></div>
        </div>
        <hr class="brand-divider">
    </div>

    <div class="sidebar-main">
        <div class="sidebar-user">
            <div>
                <h3><?= ucfirst($this->session->userdata('nama_petugas')); ?></h3>
                <span><?= $this->session->userdata('level'); ?></span>
            </div>
        </div>

        <?php
            $menu = $this->uri->segment(1);
            $menu2 = $this->uri->segment(2);
            $menu3 = $this->uri->segment(3);
        ?>

        <div class="sidebar-menu">
            <div class="menu-head">
                <span>Dashboard</span>
            </div>
            <ul class="nav-pills flex-column">
                <li>
                    <a href="<?= base_url('dashboard');?>" class="nav-
link <?php if ($menu == 'Dashboard' && $menu2 == null || $menu == 'dashboard' && $menu
2 == null ) {echo 'active';} ?>">
                        <span class="fas fa-home"></span>
                        Dashboard
                    </a>
                </li>
            </ul>

            <?php if($this->session->userdata('level') == 'Administrator') { ?>
            <div class="menu-head">
                <span>Master</span>
            </div>
            <ul class="nav-pills flex-column">
```

```php
                <li>
                    <a href="<?= base_url('petugas');?>" class="nav-
link <?php if ($menu == 'Petugas' || $menu == 'petugas') {echo 'active';} ?>">
                        <span class="fas fa-chalkboard-teacher"></span>
                        Petugas
                    </a>
                </li>
                <li>
                    <a href="<?= base_url('kelas');?>" class="nav-
link <?php if ($menu == 'Kelas' || $menu == 'kelas') {echo 'active';} ?>">
                    <span class="fas fa-chalkboard"></span>
                        Kelas
                    </a>
                </li>
                <li>
                    <a href="<?= base_url('siswa');?>" class="nav-
link <?php if ($menu == 'Siswa' || $menu == 'siswa') {echo 'active';} ?>">
                    <span class="fas fa-users"></span>
                    Siswa
                    </a>
                </li>
                <li>
                    <a href="<?= base_url('spp');?>" class="nav-
link <?php if ($menu == 'Spp' || $menu == 'spp') {echo 'active';} ?>">
                        <span class="fas fa-money-check"></span>
                        SPP
                    </a>
                </li>
            </ul>
            <?php } ?>
            <?php if($this->session->userdata('level') == 'Petugas' || $this-
>session->userdata('level') == 'Administrator') { ?>
                <div class="menu-head">
                    <span>Transaksi</span>
            </div>
            <ul class="nav-pills flex-column">
                <li>
                    <a href="<?= base_url('transaksi');?>" class="nav-
link <?php if ($menu == 'Transaksi' || $menu == 'transaksi') {echo 'active';} ?>">
                    <span class="fas fa-cash-register"></span>
                    Pembayaran SPP
                    </a>
                </li>
```

```html
                    <li>
                        <a href="<?= base_url('laporan');?>" class="nav-
link <?php if ($menu == 'Laporan' || $menu == 'laporan') {echo 'active';} ?>">
                            <span class="fas fa-file-signature"></span>
                            Laporan
                        </a>
                    </li>
                </ul>
                <?php } ?>
                <div class="menu-head">
                    <span>Keluar</span>
                </div>
                <ul class="nav-pills flex-column">
                    <li>
                        <a href="" class="nav-link logout" data-toggle="modal" data-
target="#Keluar">
                            <span class="fas fa-power-off"></span>
                            Logout
                        </a>
                    </li>
                </ul>
            </div>
        </div>
    </div>
    <div class="main-content">
        <header>
            <div class="menu-toggle">
                <label for="sidebar-toggle">
                    <span class="fas fa-bars"></span>
                </label>
            </div>
        </header>

        <main>
            <?= $contents ?>

            <div class="modal fade" id="Keluar" tabindex="-1" role="dialog" aria-
labelledby="exampleModalLabel" aria-hidden="true">
                <div class="modal-dialog" role="document">
                    <div class="modal-content">
                        <div class="modal-header">
                            <h5 class="modal-
title" id="exampleModalLabel">Apakah Anda Yakin Ingin Keluar ?</h5>
```

```html
                </div>
                <div class="modal-footer">
                <button type="button" class="btn btn-primary" data-
dismiss="modal">Batal</button>
                    <a href="<?= base_url('auth/logout'); ?>" class="btn btn-
danger">Keluar</a>
                </div>
            </div>
            </div>
        </div>


    </main>
    <footer class="sticky-footer">
        <div class="container my-auto">
            <div class="copyright text-center my-auto">
                <span>Copyright &copy; 2021</a>
                </span>
            </div>
        </div>
    </footer>

    </div>
    <label for="sidebar-toggle" class="body-label"></label>

<script src="<?= base_url('assets/'); ?>jquery/jquery.min.js"></script>
<script src="<?= base_url('assets/'); ?>bootstrap/js/bootstrap.bundle.min.js"></script
>
<script src="<?= base_url('assets/'); ?>moment/moment.min.js"></script>
<script src="<?= base_url('assets/'); ?>daterangepicker/daterangepicker.js"></script>
<script src="<?= base_url('assets/')?>datatables/jquery.dataTables.min.js"></script>
<script src="<?= base_url('assets/')?>datatables-
bs4/js/dataTables.bootstrap4.min.js"></script>
<script>
    $(document).ready(function() {
        $('#table-spp, #table-kelas, #table-siswa, #table-petugas, #table-siswa-
modal, #table-transaksi, #table-histori-siswa').DataTable({
        "paging": true,
        "lengthChange": false,
        "searching": true,
        "ordering": true,
        "info": true,
        "autoWidth": false,
```

```javascript
        "pageLength": 5,
        "language": {
            "info": 'Menampilkan _START_ ke _END_ dari _TOTAL_ jumlah data',
            "infoEmpty": 'Menampilkan 0 ke 0 dari 0 jumlah data',
            "infoFiltered": '(Difilter dari _MAX_ jumlah data)',
            "zeroRecords": 'Data Kosong',
            "emptyTable": 'Data Kosong',
            "search": 'Pencarian :',
            "paginate": {
                "next": '&raquo',
                "previous": '&laquo',
            }
        }
    });

    $(document).on('click', '#select', function() {
        var nisn = $(this).data('nisn');
        var nis = $(this).data('nis');
        var nama_siswa = $(this).data('nama_siswa');
        var nama_kelas = $(this).data('nama_kelas');
        var id_spp = $(this).data('id_spp');
        var tahun = $(this).data('tahun');
        var nominal = $(this).data('nominal');

        $('#nisn').val(nisn);
        $('#nis').val(nis);
        $('#nama_siswa').val(nama_siswa);
        $('#nama_kelas').val(nama_kelas);
        $('#id_spp').val(id_spp);
        $('#tahun').val(tahun);
        $('#nominal').val(nominal);
        $('#siswaModal').modal('hide');
    })

    $(document).on('click', '#reset', function() {
        $('#nisn').val('');
        $('#nis').val('');
        $('#nama_siswa').val('');
        $('#nama_kelas').val('');
        $('#id_spp').val('');
        $('#tahun').val('');
        $('#nominal').val('');
    })
```

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

10. Halaman view dashboard.php (update)

```php
<div class="page-header">
    <div>
        <h1>Dashboard</h1>
    </div>
</div>
<?= $this->session->flashdata('message'); ?>

<div class="row">
    <?php if($this->session->userdata('level') == 'Administrator') { ?>
    <div class="col-xl-4 my-2">
        <div class="card card-count">
            <div class="card-body d-flex flex-column">
                    <div class="counter">
                        <?= $petugas; ?>
                    </div>
                    <div class="pt-2">
                        <p class="text-center font-weight-bold title-
card">Data Petugas</p>
                        <a href="<?= base_url('petugas') ?>" class="btn btn-light w-
100 py-2">Lihat Semua</a>
                </div>
            </div>
        </div>
    </div>
    <?php } ?>
    <div class="col-xl-4 my-2">
        <div class="card card-count">
            <div class="card-body d-flex flex-column">
                    <div class="counter">
                        <?= $transaksi; ?>
                    </div>
                    <div class="pt-2">
                        <p class="text-center font-weight-bold title-
card">Data Transaksi Masuk</p>
```

```php
                    <a href="<?= base_url('laporan') ?>" class="btn btn-light w-
100 py-2">Lihat Semua</a>
                </div>
            </div>
        </div>
    </div>
    <?php if($this->session->userdata('level') == 'Administrator') { ?>
    <div class="col-xl-4 my-2">
        <div class="card card-count">
            <div class="card-body d-flex flex-column">
                <div class="counter">
                    <?= $siswa; ?>
                </div>
                <div class="pt-2">
                    <p class="text-center font-weight-bold title-
card">Data Siswa</p>
                    <a href="<?= base_url('siswa') ?>" class="btn btn-light w-100 py-
2">Lihat Semua</a>
                </div>
            </div>
        </div>
    </div>
    <?php } ?>
</div>
```

11. Halaman view dashboard_siswa.php

```php
<div class="page-header">
    <div>
        <h1>Data Pembayaran Siswa</h1>
    </div>
</div>
<div class="card mb-4 py-4 px-4">
    <div class="row">
        <div class="col-lg">
        <div class="form-group" data-validate = "NISN diperlukan!">
                <label for="nisn">Nomor Induk Siswa Nasional (NISN)</label>
                <input type="number" min="0" name="nisn" class="form-
control" id="nisn"  maxlength="10" autocomplete="off" placeholder="Masukkan NISN" read
only disabled required value="<?= $detail['nisn']; ?>">
                <?= form_error('nisn', '<small class="text-danger pl-
3">', '</small>'); ?>
```

```html
            </div>
            <div class="form-group" data-validate = "NIS diperlukan!">
                <label for="nis">Nomor Induk Siswa</label>
                <input type="number" min="0" maxlength="12" name="nis" class="form-
control" id="nis" autocomplete="off" placeholder="Masukkan NIS" required disabled read
only value="<?= $detail['nis']; ?>">
                <?= form_error('nis', '<small class="text-danger pl-
3">', '</small>'); ?>
            </div>
            <div class="form-group" data-validate = "Nama Siswa diperlukan!">
                <label for="nama_siswa">Nama Siswa</label>
                <input type="text" name="nama_siswa" class="form-
control" id="nama_siswa" autocomplete="off" placeholder="Masukkan Nama Siswa" required
 readonly disabled value="<?= $detail['nama_siswa']; ?>">
                <?= form_error('nama_siswa', '<small class="text-danger pl-
3">', '</small>'); ?>
            </div>
            <div class="form-group" data-validate = "Nomor Telepon diperlukan!">
                <label for="no_telepon">Nomor Telepon</label>
                <input type="number" min="0" name="no_telepon" class="form-
control" id="no_telepon" maxlength="13" autocomplete="off" placeholder="Masukkan Nomor
 Telepon" required disabled readonly value="<?= $detail['no_telepon']; ?>">
                <?= form_error('no_telepon', '<small class="text-danger pl-
3">', '</small>'); ?>
            </div>
        </div>
        <div class="col-lg">
            <div class="form-group" data-validate = "Kelas diperlukan!">
                <label for="id_kelas">Kelas</label>
                <input type="text" name="id_kelas" class="form-
control" id="id_kelas" autocomplete="off" placeholder="Masukkan Kelas" required disabl
ed readonly value="<?= $detail['nama_kelas']; ?>">
                <?= form_error('id_kelas', '<small class="text-danger pl-
3">', '</small>'); ?>
            </div>
            <div class="form-group" data-validate = "SPP diperlukan!">
                <label for="id_spp">SPP</label>
                <input type="number" name="id_spp" class="form-
control" id="id_spp" autocomplete="off" placeholder="Masukkan Tahun" required disabled
 readonly value="<?= $detail['tahun']; ?>">
                <?= form_error('id_spp', '<small class="text-danger pl-
3">', '</small>'); ?>
            </div>
```

```html
            <div class="form-group" data-validate = "Alamat diperlukan!">
                <label for="alamat">Alamat</label>
                <textarea class="form-
control" id="alamat" name="alamat" rows="3" required readonly disabled placeholder="Ma
sukkan Alamat"><?= $detail['alamat']; ?></textarea>
                <?= form_error('alamat', '<small class="text-danger pl-
3">', '</small>'); ?>
            </div>
        </div>
    </div>
</div>
<div class="row mt-3">
    <div class="col-lg">
        <div class="card">
            <div class="card-header">
                History Pembayaran SPP
            </div>
            <div class="card-body">
                <div class="table-responsive">
                    <table id="table-histori-siswa" class="table table-bordered">
                        <thead>
                            <tr class="text-center">
                                <th>Tanggal Pembayaran</th>
                                <th>SPP</th>
                                <th>Petugas</th>
                                <th>Jumlah Bayar</th>
                            </tr>
                        </thead>
                        <tbody>
                            <?php foreach ($datafilter as $row) { ?>
                            <tr class="text-center">
                                <td><?= date_indo($row['tgl_bayar']); ?></td>
                                <td><?= $row['bulan_dibayar'].' - '.$row['tahun_dibaya
r']; ?></td>

                                <td><?= $row['nama_petugas']; ?></td>
                                <td>Rp <?= number_format($row['jumlah_bayar'], 0, ',',
 '.'); ?></td>
                            </tr>
                            <?php } ?>
                        </tbody>
                    </table>
                </div>
            </div>
```

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

12. Halaman view petugas.php

```html
<div class="page-header">
    <div>
        <h1>Data Petugas</h1>
    </div>
</div>

<div class="form-group">
    <div class="input-group">
        <div class="col-lg d-flex justify-content-start">
            <a href="<?= base_url('petugas/tambah_petugas'); ?>" class="btn btn-
primary">
                <span class="fas fa-plus"></span>
                    Tambah Petugas
            </a>
        </div>
    </div>
</div>
<div class="row">
    <div class="col-lg">
        <?= $this->session->flashdata('message'); ?>
        <div class="card">
            <div class="card-body">
                <div class="table-responsive">
                    <table id="table-petugas" class="table table-bordered">
                        <thead>
                            <tr>
                                <th class="text-center">No</th>
                                <th>Nama Petugas</th>
                                <th>Username</th>
                                <th>Level</th>
                                <th>Status</th>
                                <th>Aksi</th>
                            </tr>
                        </thead>
                        <tbody>
                            <?php $no = 1;
                            foreach ($petugas as $row) { ?>
```

```php
                                        <tr>
                                            <td class="text-center"><?= $no++; ?></td>
                                            <td class="text-
capitalize"><?= $row['nama_petugas']; ?></td>
                                            <td><?= $row['username']; ?></td>
                                            <td><?= $row['level']; ?></td>
                                            <td><?php $status = $row['status'];
                                                if ($status == 1) echo "<div class='text-
md'>Aktif</div>";

                                                else echo "<div class='text-
md'>Diblokir</div>"; ?></td>
                                            <td><?php if ($row['level'] != 'Administrator') {
?>

                                                <?php if ($status != 0 ) { ?>
                                                    <a href="<?= base_url('petugas/block_petug
as/') . $row['id_petugas']; ?>">

                                                        <button onclick="return confirm('Anda
yakin akan mem-block akun ini ?')" class="btn btn-warning p-2 mt-1 text-md text-
white">Block</button>

                                                    </a>
                                                <?php } else { ?>
                                                    <a href="<?= base_url('petugas/active_petu
gas/') . $row['id_petugas']; ?>">

                                                        <button onclick="return confirm('Anda
yakin akan meng-aktifkan akun ini ?')" class="btn btn-primary p-2 mt-1 text-
md">Aktifkan</button>

                                                    </a>
                                                <?php }} ?>
                                                    <a href="<?= base_url('petugas/ubah_petuga
s/') . $row['id_petugas']; ?>">

                                                        <button class="btn btn-info p-2 mt-
1">Ubah</button>

                                                    </a>
                                                <?php if ($row['level'] != 'Administrator') {
?>

                                                    <a href="<?= base_url('petugas/delete_petu
gas/') . $row['id_petugas']; ?>">

                                                        <button onclick="return confirm('Anda
yakin akan menghapus akun ini ?')" class="btn btn-danger p-2 mt-1 text-
md">Hapus</button>

                                                    </a>
                                            </td>
```

```
                                    </tr>
                                    <?php
                            }} ?>
                        </tbody>
                    </table>
                </div>
            </div>
        </div>
    </div>
</div>
13.
```

14. Halaman view kelas.php

```html
<div class="page-header">
    <div>
        <h1>Data Kelas</h1>
    </div>
</div>

<div class="form-group">
    <div class="input-group">
        <div class="col-lg d-flex justify-content-start">
            <a href="<?= base_url('kelas/tambah_kelas'); ?>" class="btn btn-primary">
                <span class="fas fa-plus"></span>
                    Tambah Kelas
            </a>
        </div>
    </div>
</div>
<div class="row">
    <div class="col-lg">
      <?= $this->session->flashdata('message'); ?>
        <div class="card">
            <div class="card-body">
                <div class="table-responsive">
                    <table id="table-kelas" class="table table-bordered">
                        <thead>
                            <tr>
                                <th class="text-center">No</th>
                                <th>Nama Kelas</th>
                                <th>Kompetensi Keahlian</th>
```

```php
                                    <th>Aksi</th>
                                </tr>
                            </thead>
                            <tbody>
                            <?php $no = 1;
                                foreach ($kelas as $row) { ?>
                                <tr>
                                    <td class="text-center"><?= $no++; ?></td>
                                    <td><?= $row['nama_kelas']; ?></td>
                                    <td><?= $row['kompetensi_keahlian']; ?></td>

                                    <td>
                                        <a href="<?= base_url('kelas/ubah_kelas/') . $row[
'id_kelas']; ?>">
                                            <button class="btn btn-info p-2 mt-
1">Ubah</button>
                                        </a>
                                        <a href="<?= base_url('kelas/delete_kelas/') . $ro
w['id_kelas']; ?>">
                                            <button onclick="return confirm('Anda yakin ak
an menghapus kelas ini ?')" class="btn btn-danger p-2 mt-1 text-md">Hapus</button>
                                        </a>
                                    </td>

                                </tr>
                                <?php } ?>
                            </tbody>
                        </table>
                    </div>
                </div>
            </div>
        </div>
</div>
15.
```

16. Halaman view spp.php

```php
<div class="page-header">
    <div>
        <h1>Data SPP</h1>
    </div>
</div>
```

```html
<div class="form-group">
    <div class="input-group">
        <div class="col-lg d-flex justify-content-start">
            <a href="<?= base_url('spp/tambah_spp'); ?>" class="btn btn-primary">
                <span class="fas fa-plus"></span>
                    Tambah SPP
            </a>
        </div>
    </div>
</div>
<div class="row">
    <div class="col-lg">
      <?= $this->session->flashdata('message'); ?>
        <div class="card">
            <div class="card-body">
                <div class="table-responsive">
                    <table id="table-spp" class="table table-bordered">
                        <thead>
                            <tr>
                                <th class="text-center">No</th>
                                <th>Tahun</th>
                                <th>Nominal</th>
                                <th>Aksi</th>
                            </tr>
                        </thead>
                        <tbody>
                        <?php $no = 1;
                            foreach ($spp as $row) { ?>
                            <tr>
                                <td class="text-center"><?= $no++; ?></td>
                                <td><?= $row['tahun']; ?></td>
                                <td>Rp <?= number_format($row['nominal'], 0, ',', '.')
 ?></td>

                                <td>
                                    <a href="<?= base_url('spp/ubah_spp/') . $row['id_
spp']; ?>">

                                        <button class="btn btn-info p-2 mt-
1">Ubah</button>

                                    </a>
                                    <a href="<?= base_url('spp/delete_spp/') . $row['i
d_spp']; ?>">
```

```
                                <button onclick="return confirm('Anda yakin ak
an menghapus data SPP ini ?')" class="btn btn-danger p-2 mt-1 text-md">Hapus</button>
                                </a>
                            </td>


                        </tr>
                        <?php } ?>
                    </tbody>
                </table>
            </div>
        </div>
    </div>
</div>
</div>
17.
```

18. Halaman view siswa.php

```
<div class="page-header">
    <div>
        <h1>Data Siswa</h1>
    </div>
</div>

<div class="form-group">
    <div class="input-group">
        <div class="col-lg d-flex justify-content-start">
            <a href="<?= base_url('siswa/tambah_siswa'); ?>" class="btn btn-primary">
                <span class="fas fa-plus"></span>
                    Tambah Siswa
            </a>
        </div>
    </div>
</div>
<div class="row">
    <div class="col-lg">
        <?= $this->session->flashdata('message'); ?>
        <div class="card">
            <div class="card-body">
                <div class="table-responsive">
                    <table id="table-siswa" class="table table-bordered">
                        <thead>
```

```php
                    <tr>
                        <th class="text-center">No</th>
                        <th>NISN</th>
                        <th>NIS</th>
                        <th>Nama Siswa</th>
                        <th>Kelas</th>
                        <th>SPP</th>
                        <th>Aksi</th>
                    </tr>
                </thead>
                <tbody>
                <?php $no = 1;
                    foreach ($siswa as $row) { ?>
                    <tr>
                        <td class="text-center"><?= $no++; ?></td>
                        <td><?= $row['nisn']; ?></td>
                        <td><?= $row['nis']; ?></td>
                        <td><?= $row['nama_siswa']; ?></td>
                        <td><?= $row['nama_kelas']; ?></td>
                        <td><?= $row['tahun']; ?></td>
                        <td>
                            <a href="<?= base_url('siswa/detail_siswa/') . $ro
w['nisn']; ?>">
                                <button class="btn btn-secondary p-2 mt-
1">Detail</button>
                            </a>
                            <a href="<?= base_url('siswa/ubah_siswa/') . $row[
'nisn']; ?>">
                                <button class="btn btn-info p-2 mt-
1">Ubah</button>
                            </a>
                            <a href="<?= base_url('siswa/delete_siswa/') . $ro
w['nisn']; ?>">
                                <button onclick="return confirm('Anda yakin ak
an menghapus siswa ini ?')" class="btn btn-danger p-2 mt-1 text-md">Hapus</button>
                            </a>
                        </td>

                    </tr>
                    <?php } ?>
                </tbody>
            </table>
        </div>
```

```
            </div>
        </div>
    </div>
</div>
19.
```

20. Halaman view transaksi.php

```html
<div class="page-header">
    <div>
        <h1>Entri Pembayaran SPP</h1>
    </div>
</div>

<form method="post" action="<?= base_url('transaksi/proses_pembayaran'); ?>">
<div class="row">
    <div class="col-lg">
        <?= $this->session->flashdata('message'); ?>
        <div class="card">
            <div class="card-header">
                Form Pembayaran SPP
            </div>
            <div class="card-body">
                <div class="row">
                    <div class="col-lg">
                        <div class="form-group">
                            <label for="nisn">Nomor Induk Siswa Nasional (NISN)</label
>

                            <div class="input-group">
                                <input type="text" class="form-
control" name="nisn" id="nisn" autocomplete="off" placeholder="NISN" readonly required
>

                                <span class="input-group-append">
                                    <button type="button" class="btn btn-
primary" data-toggle="modal" data-target="#siswaModal">Cari</button>
                                </span>
                            </div>
                        </div>
                        <div class="form-group">
                            <label for="nis">Nomor Induk Siswa (NIS)</label>
                            <input type="text" class="form-
control" name="nis" id="nis" autocomplete="off" placeholder="NIS" readonly>
```

```html
                </div>
                <div class="form-group">
                    <label for="nama_siswa">Nama Siswa</label>
                    <input type="text" class="form-
control" name="nama_siswa" id="nama_siswa" autocomplete="off" placeholder="Nama Siswa"
 readonly>
                </div>
                <div class="form-group">
                    <label for="nama_kelas">Kelas</label>
                    <input type="text" class="form-
control" name="nama_kelas" id="nama_kelas" autocomplete="off" placeholder="Kelas" read
only>
                </div>
            </div>
            <div class="col-lg">
                <div class="form-group">
                    <label for="tahun">Tahun Dibayar (Tahun SPP)</label>
                    <input type="hidden" class="form-
control" name="id_spp" id="id_spp" autocomplete="off" placeholder="ID SPP" readonly re
quired>
                    <input type="number" min="0" class="form-
control" name="tahun" id="tahun" autocomplete="off" placeholder="Tahun" readonly requi
red>
                </div>
                <div class="form-group">
                    <!-- jika yang lain kosong maka ini disable -->
                    <label for="bulan_dibayar">Bulan Dibayar</label>
                    <select class="form-
control" name="bulan_dibayar" id="bulan_dibayar" required>
                        <option value="">-Pilih Bulan-</option>
                        <option value="Januari">Januari</option>
                        <option value="Februari">Februari</option>
                        <option value="Maret">Maret</option>
                        <option value="April">April</option>
                        <option value="Mei">Mei</option>
                        <option value="Juni">Juni</option>
                        <option value="Juli">Juli</option>
                        <option value="Agustus">Agustus</option>
                        <option value="September">September</option>
                        <option value="Oktober">Oktober</option>
                        <option value="November">November</option>
                        <option value="Desember">Desember</option>
                    </select>
```

```html
                    </div>
                    <div class="form-group">
                        <label for="nominal">Jumlah Bayar</label>
                        <input type="number" min="0" class="form-
control" name="nominal" id="nominal" autocomplete="off" placeholder="Rp " readonly req
uired>
                    </div>
                    <div class="form-group">
                        <button onclick="return confirm('Pembayaran akan dilakukan
 ?')" type="submit" class="btn btn-warning">Proses Pembayaran</button>
                        <button id="reset" class="btn btn-outline-secondary ml-
2" role="button">Reset Data</button>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
</form>

<div class="row mt-3">
    <div class="col-lg">
        <div class="card">
            <div class="card-header">
                History Pembayaran SPP
            </div>
            <div class="card-body">
                <div class="table-responsive">
                    <table id="table-transaksi" class="table table-bordered">
                        <thead>
                            <tr class="text-center">
                                <th>Tanggal Pembayaran</th>
                                <th>NISN / NIS</th>
                                <th>Atas Nama</th>
                                <th>SPP</th>
                                <th>Petugas</th>
                                <th>Jumlah Bayar</th>
                                <th>Aksi</th>
                            </tr>
                        </thead>
                        <tbody>
                            <?php foreach ($datafilter as $row) { ?>
```

```php
                        <tr class="text-center">
                            <td><?= date_indo($row['tgl_bayar']); ?></td>
                            <td><?= $row['nisn'].' / '.$row['nis']; ?></td>

                            <td><?= $row['nama_siswa']; ?></td>

                            <td><?= $row['bulan_dibayar'].' - '.$row['tahun_dibaya
r']; ?></td>
                            <td><?= $row['nama_petugas']; ?></td>
                            <td>Rp <?= number_format($row['jumlah_bayar'], 0, ',',
 '.'); ?></td>

                            <td>
                                <a class="btn btn-info p-2 mt-
1" href="<?= base_url('laporan/cetak_nota/') . $row['id_pembayaran']; ?>">
                                    Cetak Kwitansi
                                </a>
                            </td>
                        </tr>
                        <?php } ?>
                    </tbody>
                </table>
            </div>
        </div>
    </div>
</div>

<div class="modal fade" id="siswaModal" tabindex="-1" role="dialog" aria-
labelledby="siswaModalLabel" aria-hidden="true" data-keyboard="false" data-
backdrop="static">
    <div class="modal-dialog modal-lg" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title" id="siswaModalLabel">Cari Siswa</h5>
                <button type="button" class="close" data-dismiss="modal" aria-
label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body">
            <div class="table-responsive">
                <table id="table-siswa-modal" class="table table-bordered">
                    <thead>
```
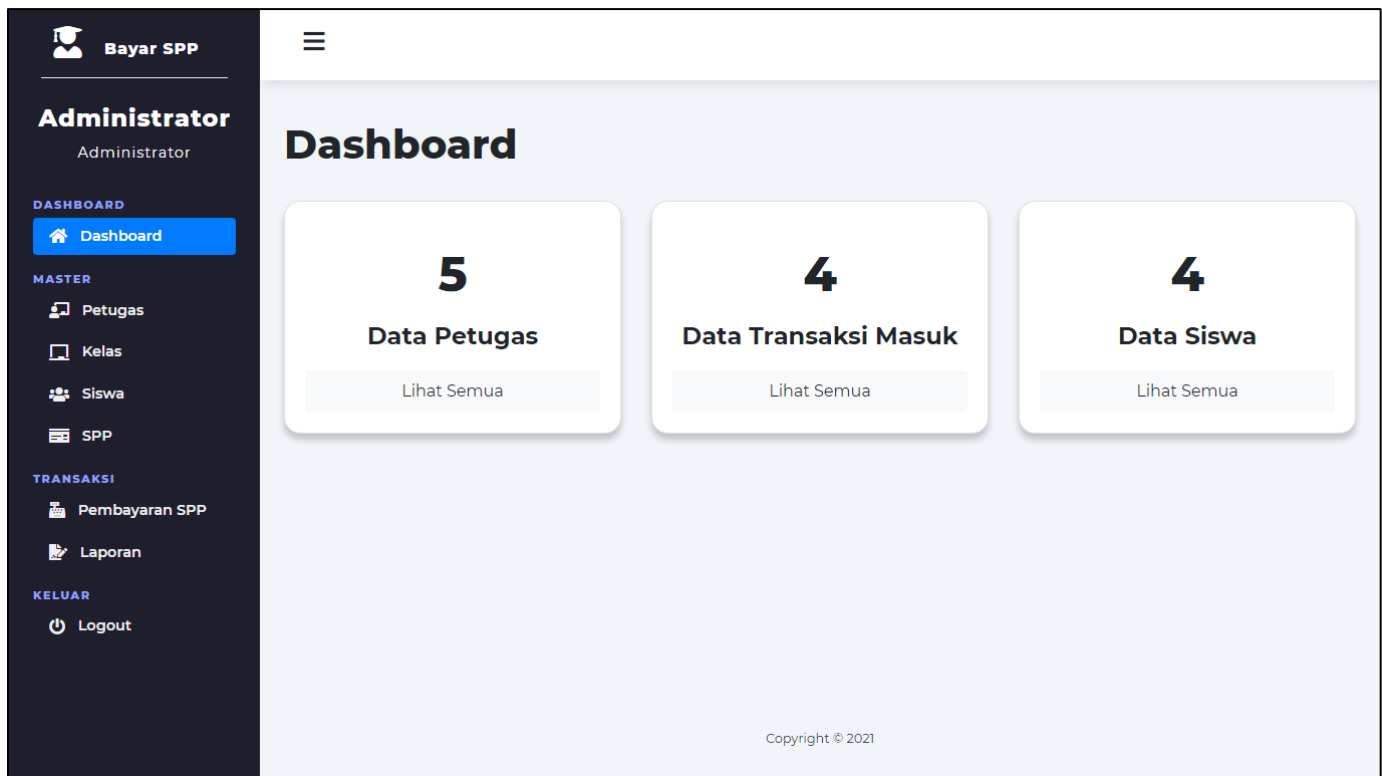
```php
                    <tr>
                        <th class="text-center">No</th>
                        <th>NISN</th>
                        <th>NIS</th>
                        <th>Nama Siswa</th>
                        <th>Kelas</th>
                        <th>SPP</th>
                        <th>Aksi</th>
                    </tr>
                </thead>
                <tbody>
                <?php $no = 1;
                foreach ($siswa as $row) { ?>
                    <tr>
                        <td class="text-center"><?= $no++; ?></td>
                        <td><?= $row['nisn']; ?></td>
                        <td><?= $row['nis']; ?></td>
                        <td><?= $row['nama_siswa']; ?></td>
                        <td><?= $row['nama_kelas']; ?></td>
                        <td><?= $row['tahun']; ?></td>
                        <td>
                            <button class="btn btn-primary p-2 mt-1" id="select"
                                data-nisn="<?= $row['nisn']; ?>"
                                data-nis="<?= $row['nis']; ?>"
                                data-nama_siswa="<?= $row['nama_siswa']; ?>"
                                data-nama_kelas="<?= $row['nama_kelas']; ?>"
                                data-id_spp="<?= $row['id_spp']; ?>"
                                data-tahun="<?= $row['tahun']; ?>"
                                data-nominal="<?= $row['nominal']; ?>"
                            >
                                Pilih
                            </button>
                        </td>

                    </tr>
                    <?php } ?>
                </tbody>
            </table>
        </div>
        </div>
    </div>
   </div>
</div>
```
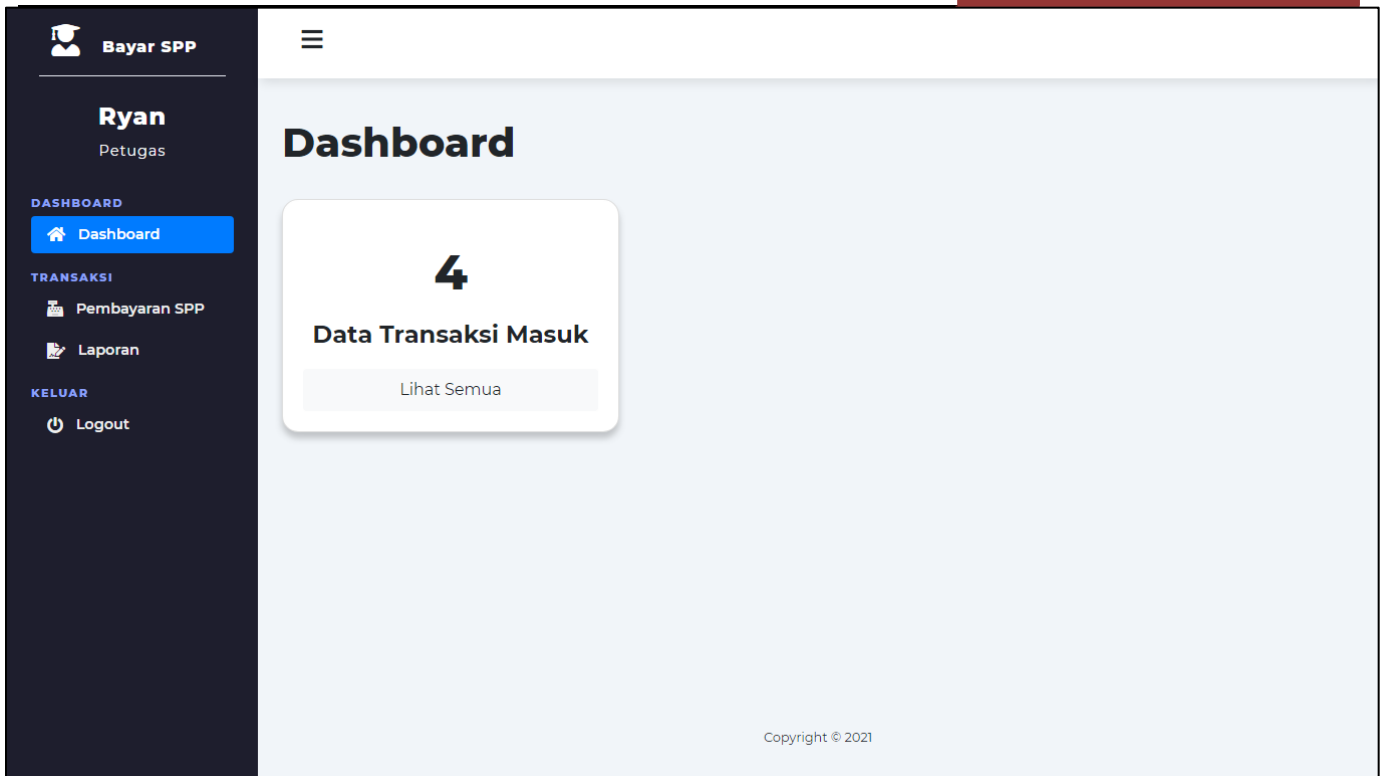
Print Screen layout :

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Petugas

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Data Transaksi Masuk

Lihat Semua

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Siswa

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Data Pembayaran Siswa

Nomor Induk Siswa Nasional (NISN)
9913160053

Kelas
XII RPL A

Nomor Induk Siswa
195051289065

SPP
2021

Nama Siswa
Ryan Adi Saputra

Alamat
Malang - Jawa Timur

Nomor Telepon
083877534525

History Pembayaran SPP

Pencarian :

Tanggal Pembayaran ↑↓	SPP ↑↓	Petugas ↑↓	Jumlah Bayar ↑↓

☰

Bayar SPP

Ryan Adi Saputra

Siswa

DASHBOARD

🏠 Dashboard

KELUAR

⏻ Logout

Nomor Induk Siswa

195051289065

SPP

2021

Nama Siswa

Ryan Adi Saputra

Alamat

Malang - Jawa Timur

Nomor Telepon

083877534525

History Pembayaran SPP

Pencarian :

Tanggal Pembayaran ⭡⭣	SPP ⭡⭣	Petugas ⭡⭣	Jumlah Bayar ⭡⭣
13 April 2021	Januari - 2021	Administrator	Rp 250.000

Menampilkan 1 ke 1 dari 1 jumlah data

« **1** »

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⏻ Logout

Entri Pembayaran SPP

Form Pembayaran SPP

Nomor Induk Siswa Nasional (NISN)

NISN   Cari

Tahun Dibayar (Tahun SPP)

Tahun

Nomor Induk Siswa (NIS)

NIS

Bulan Dibayar

-Pilih Bulan-

Nama Siswa

Nama Siswa

Jumlah Bayar

Rp

Kelas

Kelas

Proses Pembayaran   Reset Data

History Pembayaran SPP

Pencarian :

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Petugas

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Logout

Cari Siswa ✕

Pencarian :

No ↑↓	NISN ↑↓	NIS ↑↓	Nama Siswa ↑↓	Kelas ↑↓	SPP ↑↓	Aksi ↑↓
1	1087123456	193351280132	Saito Gunawan	XII RPL A	2019	Pilih
2	1099803456	197865043210	Ayu Saputri	XII RPL A	2021	Pilih
3	9878654300	194821280021	Dimas Gandarwa	XII RPL B	2021	Pilih
4	9913160053	195051289065	Ryan Adi Saputra	XII RPL A	2021	Pilih

Menampilkan 1 ke 4 dari 4 jumlah data

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Data

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Pencarian :

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Entri Pembayaran SPP

Form Pembayaran SPP

Nomor Induk Siswa Nasional (NISN)

9913160053   Cari

Nomor Induk Siswa (NIS)

195051289065

Nama Siswa

Ryan Adi Saputra

Kelas

XII RPL A

Tahun Dibayar (Tahun SPP)

2021

Bulan Dibayar

-Pilih Bulan-

Jumlah Bayar

250000

Proses Pembayaran   Reset Data

History Pembayaran SPP

Pencarian :

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Form Pembayaran SPP

Nomor Induk Siswa Nasional (NISN)

| 9913160053 | Cari |

Tahun Dibayar (Tahun SPP)

2021

Nomor Induk Siswa (NIS)

195051289065

Bulan Dibayar

-Pilih Bulan-

-Pilih Bulan-
Januari
Februari
Maret
April
Mei
Juni
Juli
Agustus
September
Oktober
November
Desember

Nama Siswa

Ryan Adi Saputra

Kelas

XII RPL A

History Pembayaran SPP

Pencarian :

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Petugas

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Kelas

XII RPL A

Proses Pembayaran | Reset Data

History Pembayaran SPP

Pencarian :

Tanggal Pembayaran	NISN / NIS	Atas Nama	SPP	Petugas	Jumlah Bayar	Aksi
14 April 2021	9878654300 / 194821280021	Dimas Gandarwa	Januari - 2021	Ryan	Rp 250.000	Cetak Kwitansi
13 April 2021	9913160053 / 195051289065	Ryan Adi Saputra	Januari - 2021	Administrator	Rp 250.000	Cetak Kwitansi
12 April 2019	1087123456 / 193351280132	Saito Gunawan	Februari - 2019	Ryan	Rp 250.000	Cetak Kwitansi
12 April 2019	1087123456 / 193351280132	Saito Gunawan	Januari - 2019	Administrator	Rp 250.000	Cetak Kwitansi

Menampilkan 1 ke 4 dari 4 jumlah data

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Catatan : cetak kwitansi untuk progress ke-5 beserta generate laporan

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Administrator

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👥 Siswa
🖼 SPP

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🖼 Pembayaran SPP
📖 Laporan

KELUAR
⏻ Logout

Entri Pembayaran SPP

Form Pembayaran SPP

Nomor Induk Siswa Nasional (NISN)

| NISN | Cari |

Tahun Dibayar (Tahun SPP)

Tahun

Nomor Induk Siswa (NIS)

NIS

Bulan Dibayar

-Pilih Bulan-

Nama Siswa

Nama Siswa

Jumlah Bayar

Rp

Kelas

Kelas

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History Pembayaran SPP

Pencarian :

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🖵 Kelas
👥 Siswa
🖼 SPP

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📖 Laporan

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Kelas

Kelas

Proses Pembayaran   Reset Data

History Pembayaran SPP

Pencarian :

Tanggal Pembayaran	NISN / NIS	Atas Nama	SPP	Petugas	Jumlah Bayar	Aksi
14 April 2021	9878654300 / 194821280021	Dimas Gandarwa	Januari - 2021	Ryan	Rp 250.000	Cetak Kwitansi
13 April 2021	9913160053 / 195051289065	Ryan Adi Saputra	Januari - 2021	Administrator	Rp 250.000	Cetak Kwitansi
12 April 2019	1087123456 / 193351280132	Saito Gunawan	Februari - 2019	Ryan	Rp 250.000	Cetak Kwitansi
12 April 2019	1087123456 / 193351280132	Saito Gunawan	Januari - 2019	Administrator	Rp 250.000	Cetak Kwitansi

Menampilkan 1 ke 4 dari 4 jumlah data

« 1 »

☰

Data Petugas

+ Tambah Petugas

Pencarian :

No ↑↓	Nama Petugas ↑↓	Username ↑↓	Level ↑↓	Status ↑↓	Aksi ↑↓
1	Administrator	admin	Administrator	Aktif	Ubah
2	Ryan Adi	petugas1	Petugas	Diblokir	Aktifkan Ubah Hapus
3	Mario Susano	mario	Petugas	Aktif	Block Ubah Hapus
4	Ryan	ryan	Petugas	Aktif	Block Ubah Hapus
5	Wira Permana	wirape	Petugas	Aktif	Block Ubah Hapus

Menampilkan 1 ke 5 dari 5 jumlah data

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Data Kelas

+ Tambah Kelas

Pencarian :

No ↑↓	Nama Kelas ↑↓	Kompetensi Keahlian ↑↓	Aksi ↑↓
1	XII RPL A	Rekayasa Perangkat Lunak	Ubah Hapus
2	XII RPL B	Rekayasa Perangkat Lunak	Ubah Hapus
3	XII RPL C	Rekayasa Perangkat Lunak	Ubah Hapus

Menampilkan 1 ke 3 dari 3 jumlah data

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Data Siswa

+ Tambah Siswa

Pencarian :

No ↑↓	NISN ↑↓	NIS ↑↓	Nama Siswa ↑↓	Kelas ↑↓	SPP ↑↓	Aksi ↑↓
1	1087123456	193351280132	Saito Gunawan	XII RPL A	2019	Detail Ubah Hapus
2	1099803456	197865043210	Ayu Saputri	XII RPL A	2021	Detail Ubah Hapus
3	9878654300	194821280021	Dimas Gandarwa	XII RPL B	2021	Detail Ubah Hapus
4	9913160053	195051289065	Ryan Adi Saputra	XII RPL A	2021	Detail Ubah Hapus

Menampilkan 1 ke 4 dari 4 jumlah data

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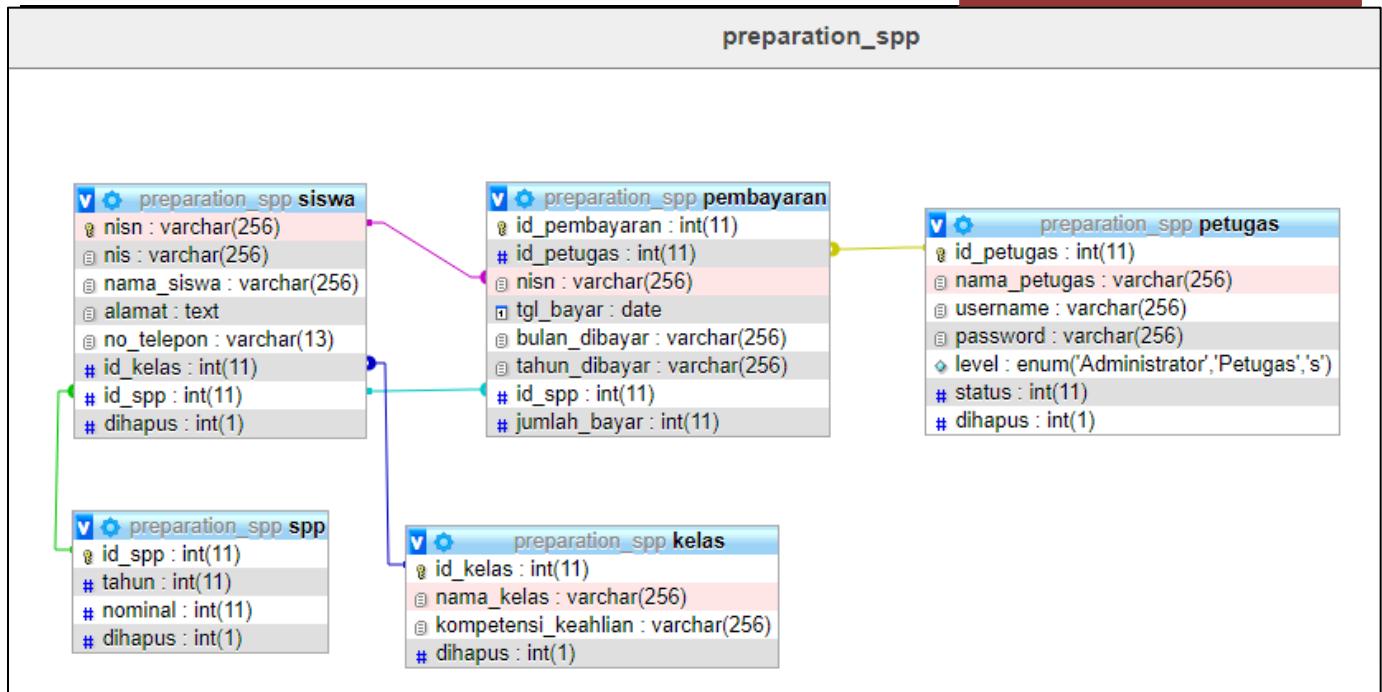
Data SPP

+ Tambah SPP

Pencarian :

No ↑↓	Tahun ↑↓	Nominal ↑↓	Aksi ↑↓
1	2021	Rp 250.000	Ubah Hapus
2	2019	Rp 250.000	Ubah Hapus
3	2018	Rp 300.000	Ubah Hapus

Menampilkan 1 ke 3 dari 3 jumlah data

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