# MODUL – KUMPULAN SOURCE CODE (OPEN SOURCE)

Sebagai Alat Bantu

Boleh digunakan

LANGKAH –LANGKAH PENGERJAAN

1. Buat Folder untuk penyimpanan file ujikom di drive C -> XAMPP -> htdocs -> NAMA FOLDER UJIKOM (Contoh : UJIKOM_IisIsmawati)
2. Jalankan XAMPP Control :
   a. Running MYSQL (Untuk menjalankan database)
   b. Running Apache (Untuk menjalankan server local menggunakan web browser)
3. Buat Database menggunakan PHP MyAdmin / SQL Yog dengan nama : **DB_SPP**
4. Buat 4 Buat tabel seperti pada gambar (tbl_petugas, tbl_kelas, tbl_siswa, tbl_pembayaran)
5. Selesai membuat database dan tabel, isi tabel tbl_kelas, tbl_siswa, tbl_pembayaran, dan tbl_spp masing-masing satu data sample, untuk tbl_petugas isi 3 data dengan masing-masing hak_akses (admin, petugas, siswa)
6. Simpan database dalam bentuk .SQL (Export Database), Simpan difolder penyimpanan yang telah dibuat dengan nama bebas (Contoh : DB_Ujikom_Iis.sql)
7. LANJUTKAN MENUJU PEMROGRAMAN
8. LANGKAH – LANGKAH PEMROGRAMAN APLIKASI SPP BERBASIS WEB (Menggunakan PHP, CSS dan Bootstrap)
   a. Pada Folder yang telah dibuat sebelumnya (CEK LANGKAH 1), Buat 4 buah folder dengan nama : **assets, control, function, view**
   b. Asset : berfungsi untuk menyimpan template bootstrap, gambar/logo, dll)
   c. control : berfungsi untuk menyimpan class control.php (Contoh : cspp, ckelas, csiswa, cpembayaran dll)
   d. function : berfungsi untuk menyimpan class fungsi untuk menjalankan query (untuk pengolahan data pada database / fungsi select, insert, update dan delete) – dengan nama fkelas, fsiswa, fspp, fpemayaran dll
   e. view : berfungsi untuk menjalankan class view untuk menampilkan hasil eksekusi berupa tampilan tabel atau tampilan form untuk tambah data / ubah data (contoh vkelas, vkelas_add, vkelas_ubah)
   f. diluar asset, control, function dan view digunakan untuk menyimpan class lain seperti : index.php, menukiri.php, menukanan.php, header.php, footer.php dll
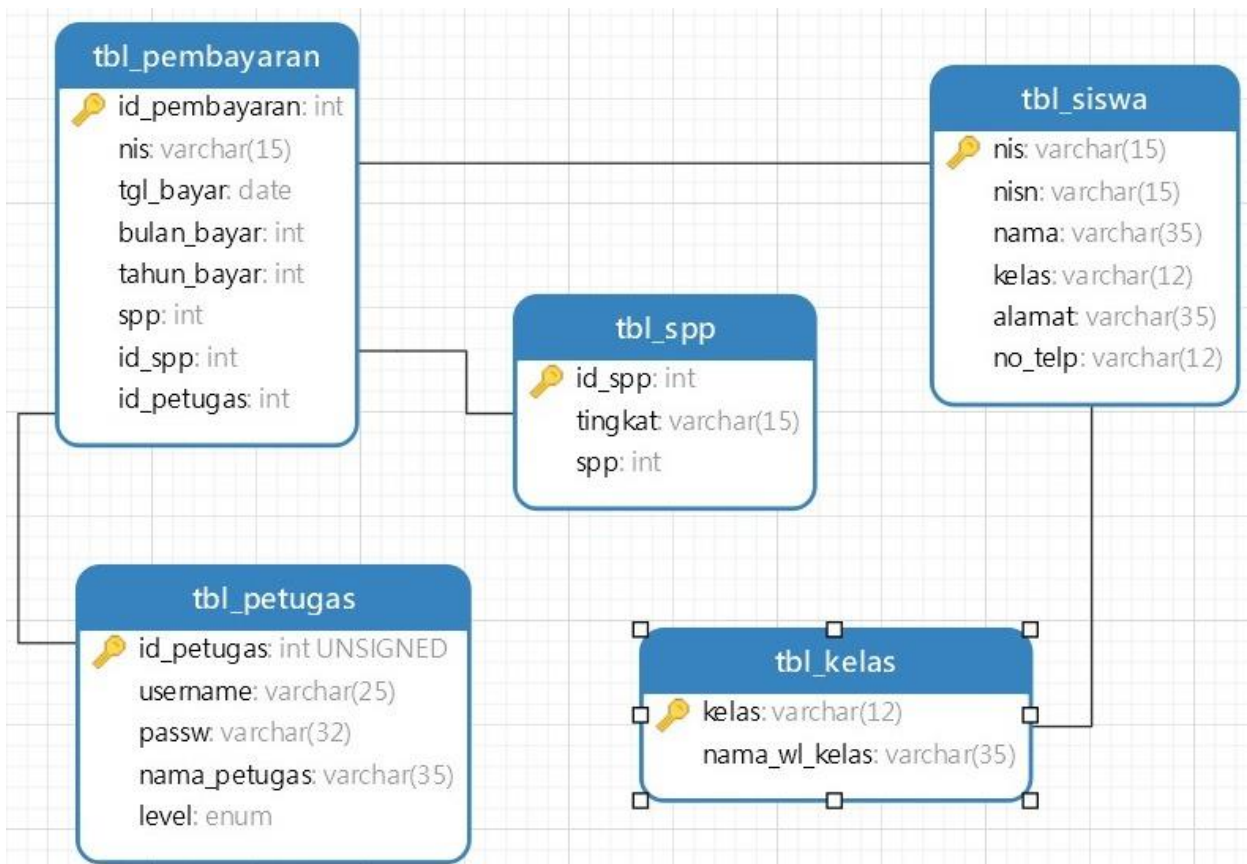
database.php (untuk koneksi)

```php
<?php
class database{

		public $host = "localhost";
		public $username = "root";
		public $password = "";
		public $database = "db_spp";
		public $koneksi = "";

function __construct(){
			$this->koneksi = mysqli_connect($this->host, $this->username, $this->password,$this->database);
			if (mysqli_connect_errno()){
				echo "Koneksi database gagal : " . mysqli_connect_error();
			}
		}
}
?>
```

index.php

```php
<?php
if (!isset($_SESSION)) {
 session_start();
}
if (!isset($_SESSION['username']) && !isset($_SESSION['nama_petugas'])) {
 echo "<script>window.location=('./login.php')</script>";
}
?>

<!DOCTYPE html>
<html lang="en">

<head>
 <meta charset="utf-8">
 <meta content="width=device-width, initial-scale=1.0" name="viewport">

 <title>Keuangan - Aplikasi Pembayaran SPP SMK Medikacom</title>
 <meta content="" name="description">
 <meta content="" name="keywords">

 <!-- Favicons -->
 <link href="assets/img/medikacom.png" rel="icon">
 <link href="assets/img/medikacom.png" rel="apple-touch-icon">

 <!-- Google Fonts -->
 <link href="https://fonts.gstatic.com" rel="preconnect">
 <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Nunito
:300,300i,400,400i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i"
rel="stylesheet">

 <!-- Vendor CSS Files -->
 <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
 <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">
 <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
 <link href="assets/vendor/quill/quill.snow.css" rel="stylesheet">
 <link href="assets/vendor/quill/quill.bubble.css" rel="stylesheet">
 <link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
 <link href="assets/vendor/simple-datatables/style.css" rel="stylesheet">

 <!-- Template Main CSS File -->
 <link href="assets/css/style.css" rel="stylesheet">
</head>

<body>
 <!-- ======= Header ======= -->
```

```php
<?php include "./header.php"; ?>
<!-- End Header -->

<!-- ======= Sidebar ======= -->
<?php include "./menukiri.php"; ?>
<!-- End Sidebar-->

<main id="main" class="main">
  <div class="pagetitle">
    <h1>Halaman Beranda</h1>
    <nav>
      <ol class="breadcrumb">
        <li class="breadcrumb-item"><a href="index.php">Home</a></li>
        <li class="breadcrumb-item active">Halaman Beranda</li>
      </ol>
    </nav>
  </div>
  <!-- End Page Title -->
<section class="section dashboard">
    <div class="row">
<?php
    if (!isset($_GET['aksi'])) {
      include "./tengah.php";
      include "./menukanan.php";
    }
     else
     {
        if($_GET['xaksi']=='Kelas')
        {
            include "./control/ckelas.php";
        }
        elseif($_GET['xaksi']=='SPP')
        {
         include "./control/cspp.php";
        }
        elseif($_GET['xaksi']=='Siswa')
        {
            include "./control/csiswa.php";
        }
        elseif($_GET['xaksi']=='Pembayaran')
        {
            include "./control/cpembayaran.php";
        }
        elseif($_GET['xaksi']=='Laporan Pembayaran')
        {
            include "./control/clpembayaran.php";
        }
        elseif($_GET['xaksi']=='Informasi')
```

```php
            {
                include "./control/cinformasi.php";
            }
            elseif($_GET['xaksi']=='Petugas')
            {
                include "./control/cpetugas.php";
            }
        } ?>
        </div>
    </section>

</main>
 <!-- End #main -->

 <!-- ======= Footer ======= -->
 <?php include "./Footer.php"; ?>
 <!-- End Footer -->

 <a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>




 <!-- Vendor JS Files -->
 <script src="assets/vendor/apexcharts/apexcharts.min.js"></script>
 <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
 <script src="assets/vendor/chart.js/chart.min.js"></script>
 <script src="assets/vendor/echarts/echarts.min.js"></script>
 <script src="assets/vendor/quill/quill.min.js"></script>
 <script src="assets/vendor/simple-datatables/simple-datatables.js"></script>
 <script src="assets/vendor/tinymce/tinymce.min.js"></script>
 <script src="assets/vendor/php-email-form/validate.js"></script>

 <!-- Template Main JS File -->
 <script src="assets/js/main.js"></script>

</body>

</html>
```

header.php

```php
<header id="header" class="header fixed-top d-flex align-items-center">
 <div class="d-flex align-items-center justify-content-between">
  <a href="index.html" class="logo d-flex align-items-center">
   <img src="assets/img/medikacom.png" alt="">
   <span class="d-none d-lg-block">Aplikasi SPP</span>
  </a>
  <i class="bi bi-list toggle-sidebar-btn"></i>
 </div><!-- End Logo -->

 <nav class="header-nav ms-auto">
  <ul class="d-flex align-items-center">

     <ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow notifications">

     </ul><!-- End Notification Dropdown Items -->
    </li><!-- End Notification Nav -->


    <li class="nav-item dropdown pe-3">
     <a class="nav-link nav-profile d-flex align-items-center pe-0" href="#" data-bs-toggle="dropdown">
      <img src="assets/img/gambar.jpg" alt="Profile" class="rounded-circle">
      <span class="d-none d-md-block dropdown-toggle ps-2">Petugas</span>
     </a><!-- End Profile Iamge Icon -->

     <ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow profile">
      <li class="dropdown-header">
       <h6>Petugas</h6>
       <span>Admin</span>
      </li>
      <li>
       <hr class="dropdown-divider">
      </li>

      <li>
       <a class="dropdown-item d-flex align-items-center" href="users-profile.html">
        <i class="bi bi-person"></i>
        <span>Ubah Password</span>
       </a>
      </li>
      <li>
       <hr class="dropdown-divider">
      </li>
      <li>
       <a class="dropdown-item d-flex align-items-center" href="#">
        <i class="bi bi-box-arrow-right"></i>
        <span>Sign Out</span>
       </a>
      </li>

     </ul><!-- End Profile Dropdown Items -->
    </li><!-- End Profile Nav -->
  </ul>
 </nav><!-- End Icons Navigation -->
</header>
```

menukiri.php

```php
<aside id="sidebar" class="sidebar">

  <ul class="sidebar-nav" id="sidebar-nav">

    <li class="nav-item">
      <a class="nav-link " href="index.php">
        <i class="bi bi-grid"></i>
        <span>Beranda</span>
      </a>
    </li><!-- End Dashboard Nav -->
<?php
//session_start();
if (($_SESSION['level']) =='admin')
{  ?>
    <li class="nav-item">
      <a class="nav-link collapsed" data-bs-target="#components-nav" data-bs-toggle="collapse" href="#">
        <i class="bi bi-menu-button-wide"></i><span>Data Master</span><i class="bi bi-chevron-down ms-auto"></i>
      </a>
      <ul id="components-nav" class="nav-content collapse " data-bs-parent="#sidebar-nav">
        <li>
          <a href="./index.php?aksi=Master&xaksi=Kelas&yaksi=1">
            <i class="bi bi-circle"></i><span>Data Kelas</span>
          </a>
        </li>
        <li>
          <a href="./index.php?aksi=Master&xaksi=Siswa&yaksi=1">
            <i class="bi bi-circle"></i><span>Data Siswa</span>
          </a>
        </li>
        <li>
          <a href="./index.php?aksi=Master&xaksi=SPP&yaksi=1">
            <i class="bi bi-circle"></i><span>Data SPP</span>
          </a>
        </li>
      </ul>
    </li><!-- End Components Nav -->
<?php } ?>
    <li class="nav-item">
      <a class="nav-link collapsed" data-bs-target="#forms-nav" data-bs-toggle="collapse" href="#">
        <i class="bi bi-journal-text"></i><span>Pembayaran</span><i class="bi bi-chevron-down ms-auto"></i>
      </a>
      <ul id="forms-nav" class="nav-content collapse " data-bs-parent="#sidebar-nav">
        <li>
          <a href="./index.php?aksi=Pembayaran&xaksi=Pembayaran&yaksi=1">
            <i class="bi bi-circle"></i><span>Pembayaran SPP</span>
          </a>
        </li>
        <li>
          <a href="./index.php?aksi=Pembayaran&xaksi=Informasi&yaksi=1">
            <i class="bi bi-circle"></i><span>Informasi Pembayaran</span>
          </a>
        </li>
      </ul>
    </li><!-- End Forms Nav -->

    <li class="nav-item">
```

```html
      <a class="nav-link collapsed" data-bs-target="#tables-nav" data-bs-toggle="collapse" href="#">
        <i class="bi bi-layout-text-window-reverse"></i><span>Laporan Pembayaran</span><i class="bi bi-chevron-down ms-auto"></i>
      </a>
      <ul id="tables-nav" class="nav-content collapse " data-bs-parent="#sidebar-nav">
       <li>
         <a href="./index.php?aksi=Laporan&xaksi=Laporan Pembayaran&yaksi=1">
          <i class="bi bi-circle"></i><span>Laporan Perbulan</span>
         </a>
       </li>
       <li>
         <a href="./index.php?aksi=Laporan&xaksi=Laporan Pembayaran&yaksi=2">
          <i class="bi bi-circle"></i><span>Laporan Pertahun</span>
         </a>
       </li>
       <li>
         <a href="./index.php?aksi=Laporan&xaksi=Laporan Pembayaran&yaksi=5">
          <i class="bi bi-circle"></i><span>Laporan PerKelas</span>
         </a>
       </li>
      </ul>
    </li><!-- End Tables Nav -->
<?php
//session_start();
if (($_SESSION['level']) =='admin')
{  ?>
    <li class="nav-item">
     <a class="nav-link collapsed" data-bs-target="#charts-nav" data-bs-toggle="collapse" href="#">
      <i class="bi bi-card-list"></i><span>Manajemen Akun</span><i class="bi bi-chevron-down ms-auto"></i>
     </a>
     <ul id="charts-nav" class="nav-content collapse " data-bs-parent="#sidebar-nav">
      <li>
        <a href="./index.php?aksi=Master&xaksi=Petugas&yaksi=1">
         <i class="bi bi-circle"></i><span>Tambah Pengguna</span>
        </a>
      </li>
      <li>
        <<a href="./index.php?aksi=Master&xaksi=Petugas&yaksi=6">
         <i class="bi bi-circle"></i><span>Ubah Password</span>
        </a>
      </li>
     </ul>
    </li><!-- End Charts Nav -->
<?php } ?>
   </ul>
  </aside>
```

menukanan.php

```
<!-- Right side columns -->
    <div class="col-lg-4">

      <!-- Recent Activity -->
      <div class="card">
        <div class="filter">
          <a class="icon" href="#" data-bs-toggle="dropdown"><i class="bi bi-three-dots"></i></a>
          <ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow">
            <li class="dropdown-header text-start">
              <h6>Filter</h6>
            </li>

            <li><a class="dropdown-item" href="#">Harian</a></li>
            <li><a class="dropdown-item" href="#">Bulanan</a></li>
            <li><a class="dropdown-item" href="#">Tahunan</a></li>
          </ul>
        </div>

        <div class="card-body">
          <h5 class="card-title">Lihat Laporan Grafik <span>| Pembayaran SPP</span></h5>
        </div>
      </div>
    </div><!-- End Right side columns -->
```

footer.php

```
<footer id="footer" class="footer">
  <div class="copyright">
    &copy; Copyright <strong><span>Petugas / Pengguna Aplikasi</span></strong>.
  </div>
  <div class="credits">
    <strong>APLIKASI PEMBAYARAN SPP SMK MEDIKACOM</strong>
  </div>
</footer>
```

tengah.php

```html
<!-- Left side columns -->
<div class="col-lg-8">
 <div class="row">
   <!-- Reports -->
   <div class="col-12">
    <div class="card">

      <div class="filter">
       <a class="icon" href="#" data-bs-toggle="dropdown"><i class="bi bi-three-dots"></i></a>
       <ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow">
        <li class="dropdown-header text-start">
          <h6>Filter</h6>
        </li>

        <li><a class="dropdown-item" href="#">HARI INI</a></li>
        <li><a class="dropdown-item" href="#">BULAN INI</a></li>
        <li><a class="dropdown-item" href="#">TAHUN INI</a></li>
       </ul>
      </div>

      <div class="card-body">
       <h5 class="card-title">LAPORAN PENERIMAAN SPP <span>/HARI INI</span></h5>

       <!-- Line Chart -->
       <div id="reportsChart"></div>

       <script>
        document.addEventListener("DOMContentLoaded", () => {
         new ApexCharts(document.querySelector("#reportsChart"), {
          series: [{
           name: 'Kelas X',
           data: [31, 40, 28, 51, 42, 82, 56],
          }, {
           name: 'Kelas XI',
           data: [11, 32, 45, 32, 34, 52, 41]
          }, {
           name: 'Kelas XII',
           data: [15, 11, 32, 18, 9, 24, 11]
          }],
          chart: {
           height: 350,
           type: 'area',
           toolbar: {
             show: false
           },
          },
          markers: {
           size: 4
          },
          colors: ['#4154f1', '#2eca6a', '#ff771d'],
```

```
                    fill: {
                     type: "gradient",
                     gradient: {
                       shadeIntensity: 1,
                       opacityFrom: 0.3,
                       opacityTo: 0.4,
                       stops: [0, 90, 100]
                     }
                    },
                    dataLabels: {
                     enabled: false
                    },
                    stroke: {
                     curve: 'smooth',
                     width: 2
                    },
                    xaxis: {
                     type: 'string',
                     categories: ["RPL", "TKJ", "FAR", "AKN", "TBG", "TBSM", "TKR"]
                    },
                    tooltip: {
                     x: {
                       format: 'dd/MM/yy HH:mm'
                     },
                    }
                  }).render();
                });
             </script>
             <!-- End Line Chart -->

         </div>

       </div>
      </div><!-- End Reports -->
     </div>
   </div><!-- End Left side columns -->
```

Souce Code untuk Class – Kelas- tbl_kelas (Pengolahan data kelas pada aplikasi SPP) – ckelas, fkelas, vkelas, vkelas_add, vkelas_ubah

ckelas.php

```php
<?php

ini_set('display_errors','Off');

include('function/fkelas.php');
$fkelas = new fkelas();

if(isset($_GET['xaksi']))
{

 $status=$_GET['yaksi'];

        if($status=='1')
        {
    $dataku = $fkelas->tampil_data();
    include "./view/vkelas.php";
        }

 if($status=='2')
 {
    include "./view/vkelas_add.php";
 }

 if($status=='3')   // simpan tambah data kelas
    {
       if (isset($_POST['simpan']))
      {
         $kelas=$_POST['kelas'];
         $nama_wl_kelas=$_POST['nama_wl_kelas'];

         $result=$fkelas->input_data($kelas,$nama_wl_kelas);
         if($result)
          {
             echo'<div class="alert alert-success">Data Berhasil ditambah</div>';
          }
          else
          {
            echo'<div class="alert alert-danger">Data gagal ditambah</div>';
          }
        echo '<meta http-equiv="refresh"  content="1;url=?aksi=Master&xaksi=Kelas&yaksi=1">';
      }
    }


   if($status=='4')
        {
          $kelas=$_GET['kelas'];
```

```php
        $result=$fkelas->hapus_data($kelas);
            if($result)
             {
                echo'<div class="alert alert-success">Data Berhasil dihapus</div>';
             }
             else
             {
              echo'<div class="alert alert-danger">Data gagal dihapus</div>';
             }
              echo '<meta http-equiv="refresh" content="1;url=?aksi=Master&xaksi=Kelas&yaksi=1">';

         }


    if($status=='5')
    {
       $kelas=$_GET['kelas'];
       $dataku = $fkelas->cari_data($kelas);
       include "./view/vkelas_ubah.php";
    }


  if($status=='6')  // ubah data kelas
     {
        if (isset($_POST['update']))
        {
            $kelas=$_POST['kelas'];
            $nama_wl_kelas=$_POST['nama_wl_kelas'];

            $result=$fkelas->ubah_data($kelas,$nama_wl_kelas);
            if($result)
             {
                echo'<div class="alert alert-success">Data Berhasil diubah</div>';
             }
             else
             {
              echo'<div class="alert alert-danger">Data gagal diubah</div>';
             }
          echo '<meta http-equiv="refresh"  content="1;url=?aksi=Master&xaksi=Kelas&yaksi=1">';
        }
     }
}
?>
```

fkelas.php

```php
<?php

include('database.php');

class fkelas extends  database {

function tampil_data()
                {
                $sql = mysqli_query($this->koneksi,"select * from tbl_kelas");
                $number = mysqli_num_rows($sql);
                if ($number==0) {  echo "Data tidak ada...";
                //exit;
                }
                while($row = mysqli_fetch_array($sql,MYSQLI_ASSOC)){
                        $hasil[] = $row;
                }
                return $hasil;
                }

 function input_data($kelas,$nama_wl_kelas){
 $result = mysqli_query($this->koneksi,"insert into tbl_kelas (kelas,nama_wl_kelas) values
('$kelas','$nama_wl_kelas')");
    if($result){
       return true;
    }else{
       return false;
    }
                 $this->koneksi->close();
                }

 function hapus_data($kelas){
     $result = mysqli_query($this->koneksi,"delete from tbl_kelas where kelas='$kelas'");
    if($result){
       return true;
    }else{
       return false;
    }
                }

 function ubah_data($kelas,$nama_wl_kelas){
 $result = mysqli_query($this->koneksi,"update  tbl_kelas
                set  nama_wl_kelas='$nama_wl_kelas'  where kelas='$kelas'");
    if($result){
       return true;
    }else{
       return false;
```

```php
                }
                    $this->koneksi->close();
                }


public function cari_data ($kelas){
                $sql = mysqli_query($this->koneksi,"select * from tbl_kelas where kelas='$kelas'");
                $number = mysqli_num_rows($sql);
                if ($number==0) {  echo "Data tidak ditemukan..."; exit; }
                while ($d = mysqli_fetch_array($sql,MYSQLI_ASSOC))
                {
                        $result[] = $d;
                }
                return $result;
                }

}
?>
```

vkelas.php

```php
<div class="col-12">
        <div class="card recent-sales overflow-auto">
          <div class="card-body">

<table width="100%" border="0" cellpadding="0" cellspacing="0">
<tr>
<td><h5 class="card-title">Data Kelas</span></h5></td>
<td> <div align="right"><a href="./index.php?aksi=Master&xaksi=Kelas&yaksi=2" class="btn btn-success btn-sm"><span class="glyphicon glyphicon-print"></span>Tambah</a></div>
</td>
</tr>
</table>
            <table class="table table-borderless datatable">
            <thead>
             <tr>
               <th scope="col">No</th>
               <th scope="col">Kelas </th>
               <th scope="col">Nama WaliKelas </th>
               <th scope="col">Delete</th>
              <th scope="col">Edit</th>
             </tr>
            </thead>
            <tbody>
        <?php
          $no=1;
          foreach($dataku as $row)
          {
          ?>
<tr>
<td><?php echo $no++; ?> </td>
<td><?php echo $row['kelas']; ?></a></td>
<td><?php echo $row['nama_wl_kelas']; ?></td>
<td> <a href="./index.php?aksi=Master&xaksi=Kelas&yaksi=4&kelas=<?php echo $row['kelas'];?>" class="text-primary"><span id="btnConfirm" class="bi bi-trash"></span></a>
<td><a href="./index.php?aksi=Master&xaksi=Kelas&yaksi=5&kelas=<?php echo $row['kelas'];?>" class="text-primary"><span id="btnConfirm" class="bi bi-eyedropper"></span></a>
</td>
</tr>
<?php } ?>

 </tbody>
</table>
</div>
</div>
</div><!-- End Recent Sales -->
```

vkelas_add.php

```html
<div class="col-12">
        <div class="card recent-sales overflow-auto">
          <div class="card-body">
        <h5 class="card-title">Tambah Data Kelas </h5>

        <!-- Horizontal Form -->
        <form class="form-horizontal" action="./index.php?aksi=Master&xaksi=Kelas&yaksi=3" method="post" enctype="multipart/form-data">
        <div class="row mb-3">
          <label for="kode_jurusan" class="col-sm-2 col-form-label">Kelas</label>
          <div class="col-sm-10">
            <input type="text" class="form-control" name="kelas" id="kelas">
          </div>
        </div>
        <div class="row mb-3">
          <label for="nama_jur" class="col-sm-2 col-form-label">Nama Wali Kelas </label>
          <div class="col-sm-10">
            <input type="text" class="form-control" id="nama_wl_kelas" name="nama_wl_kelas">
          </div>
        </div>

        <div class="text-center">
          <button type="submit" id="simpan" name="simpan" class="btn btn-primary">Simpan</button>
          <button type="reset" class="btn btn-secondary">Clear</button>
        </div>
        </form>

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

vkelas_ubah.php

```php
<div class="col-12">
        <div class="card recent-sales overflow-auto">
          <div class="card-body">
        <h5 class="card-title">Ubah Data Kelas </h5>

        <!-- Horizontal Form -->
        <form class="form-horizontal" action="./index.php?aksi=Master&xaksi=Kelas&yaksi=6" method="post" enctype="multipart/form-data">
          <?php
           foreach($dataku as $row)
           {
           ?>
          <div class="row mb-3">
           <label for="kode_jurusan" class="col-sm-2 col-form-label">Kelas</label>
           <div class="col-sm-10">
            <input type="text" class="form-control" readonly="true" value="<?php  echo $row['kelas']; ?>" name="kelas" id="kelas">
           </div>
          </div>
          <div class="row mb-3">
           <label for="nama_jur" class="col-sm-2 col-form-label">Nama Wali Kelas </label>
           <div class="col-sm-10">
            <input type="text" class="form-control" value="<?php  echo $row['nama_wl_kelas']; ?>"  id="nama_wl_kelas" name="nama_wl_kelas">
           </div>
          </div>
           <?php } ?>

          <div class="text-center">
           <button type="submit" id="update" name="update" class="btn btn-primary">Update</button>
           <button type="reset" class="btn btn-secondary">Clear</button>
          </div>
         </form>

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

Souce Code untuk Class – SPP – tbl_spp (Pengolahan data SPP pada aplikasi SPP) – cspp, fspp, vspp, vspp_add, vspp_ubah

cspp.php

```php
<?php
include('function/fspp.php');
$fspp = new fspp ();

if(isset($_GET['xaksi'])){

    $status=$_GET['yaksi'];

    if($status=='1'){
        $dataku = $fspp->tampil_data();
        include "./view/vspp.php";
    }

    if($status=='2'){
        include "./view/vspp_add.php";
    }

    if($status=='3'){ //simpan tambah data
        if (isset($_POST['simpan'])){
            $tingkat=$_POST['tingkat'];
            $spp=$_POST['spp'];

            $result=$fspp->input_data($tingkat,$spp);
            if($result){
                echo'<div class="alert alert-success">Data Berhasil ditambah</div>';
            }else{
                echo'<div class="alert alert-danger">Data gagal ditambah</div>';
            }
            echo '<meta http-equiv="refresh" content="1;url=?aksi=Master&xaksi=SPP&yaksi=1">';
        }
    }
}
```

```php
    if($status=='4'){
        $id_spp=$_GET['id_spp'];
        $result=$fspp->hapus_data($id_spp);
        if($result){
            echo'<div class="alert alert-success">Data Berhasil dihapus</div>';
        }else{
            echo'<div class="alert alert-danger">Data gagal dihapus</div>';
        }

        echo '<meta http-equiv="refresh" content="1;url=?aksi=Master&xaksi=SPP&yaksi=1">';
    }

    if($status=='5'){
        $id_spp=$_GET['id_spp'];
        $dataku = $fspp->cari_data($id_spp);
        include "./view/vspp_ubah.php";
    }
}
```

```php
        if($status=='6'){ // ubah data kelas
            if (isset($_POST['update'])){
                $id_spp=$_POST['id_spp'];
                $tingkat=$_POST['tingkat'];
                $spp=$_POST['spp'];
                $result=$fspp->ubah_data($id_spp,$tingkat,$spp);
                if($result){
                    echo'<div class="alert alert-success">Data Berhasil diubah</div>';
                }

                else{
                    echo'<div class="alert alert-danger">Data gagal diubah</div>';
                }

                echo '<meta http-equiv="refresh" content="1;url=?aksi=Master&xaksi=SPP&yaksi=1">';
            }
        }
    }
?>
```

fspp.php

```php
<?php

include ('database.php');

class fspp extends database {

    function tampil_data(){
        $sql = mysqli_query($this->koneksi, "select * from tbl_spp");
        $number = mysqli_num_rows($sql);
        if ($number==0){
            echo "Data Tidak Ada...";
        }
        //exit

        while ($row = mysqli_fetch_array($sql,MYSQLI_ASSOC)){
            $hasil[] = $row;
        }
        return $hasil;
    }

    function input_data($tingkat,$spp){
        $result = mysqli_query($this->koneksi, "insert into tbl_spp (tingkat,spp) values ('$tingkat','$spp')");

        if($result){
            return true;
        }else{
            return false;
        }
        $this->koneksi->close();
    }
```

```php
	function hapus_data($id_spp){
		$result = mysqli_query($this->koneksi, "delete from tbl_spp where id_spp='$id_spp'");
		if($result){
			return true;
		}else{
			return false;
		}
	}

	function ubah_data($id_spp,$tingkat,$spp){
		$result = mysqli_query($this->koneksi, "update tbl_spp set tingkat='$tingkat', spp='$spp' where id_spp='$id_spp'");
		if($result){
			return true;
		}else{
			return false;
		}
		$this->koneksi->close();
	}

	public function cari_data($id_spp){
		$sql = mysqli_query($this->koneksi, "select * from tbl_spp where id_spp='$id_spp'");
		$number = mysqli_num_rows($sql);

		if ($number==0){
			echo "Data tidak ditemukan..."; exit;
		}
		while ($d = mysqli_fetch_array($sql,MYSQLI_ASSOC)) {
			$result [] = $d;
		}
		return $result;
	}
}
?>
```

vspp.php

```php
<div class="col-12">
    <div class="card recent-sales overflow-auto">
        <div class="card-body">
        <table width="100%" border="0" cellpadding="0" cellspacing="0">
            <tr>
                <td><h5 class="card-title">Data SPP</span></h5></td>
                <td><div align="right"><a href="./index.php?aksi=Master&xaksi=SPP&yaksi=2" class="btn btn-success btn-sm"><span class="glyphicon glyphicon-print"></span>Tambah</a></div></td>
            </tr>
        </table>

        <table class="table table-borderless datatable">
            <thead>
                <tr>
                    <th scope="col">ID SPP</th>
                    <th scope="col">Tingkat</th>
                    <th scope="col">Nominal SPP</th>
                    <th scope="col">Hapus</th>
                    <th scope="col">Edit</th>
                </tr>
            </thead>

            <tbody>
                <?php
                foreach($dataku as $row)
                {
                ?>

                <tr>
                    <td><?php echo $row['id_spp']; ?> </td>
                    <td><?php echo $row['tingkat']; ?> </td>
                    <td><?php echo $row['spp']; ?> </td>
                    <td><a href="./index.php?aksi=Master&xaksi=SPP&yaksi=4&id_spp=<?php echo $row['id_spp']; ?>" class="text-primary"><span id="btnConfirm" class="bi bi-trash"></span></a></td>
                    <td><a href="./index.php?aksi=Master&xaksi=SPP&yaksi=5&id_spp=<?php echo $row['id_spp']; ?>" class="text-primary"><span id="btnConfirm" class="bi bi-pencil"></span></a></td>
                </tr>

                <?php } ?>

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

```html
<div class="col-12">
    <div class="card recent-sales overflow-auto">
        <div class="card-body">
            <h5 class="card-title">Tambah Data SPP</h5>

            <form class="form-horizontal" action="./index.php?aksi=Master&xaksi=SPP&yaksi=3" method="post"
            enctype="multipart/form-data">
                <div class="row mb-3">
                    <label for="tingkat" class="col-sm-2 col-form-label">Tingkat</label>
                    <div class="col-sm-10">
                        <select class="form-control" name="tingkat" id="tingkat">
                            <option value="X">X</option>
                            <option value="XI">XI</option>
                            <option value="XII">XII</option>
                        </select>
                    </div>
                </div>

                <div class="row mb-3">
                    <label for="spp" class="col-sm-2 col-form-label">Nominal SPP</label>
                    <div class="col-sm-10">
                        <input type="number" class="form-control" name="spp" id="spp">
                    </div>
                </div>

                <div class="text-center">
                    <button type="submit" id="simpan" name="simpan" class="btn btn-primary">Simpan</button>
                    <button type="reset" class="btn btn-secondary">Clear</button>
                </div>
            </form>
        </div>
    </div>
</div>
```

vspp_ubah.php

```php
<div class="col-12">
    <div class="card recent-sales overflow-auto">
        <div class="card-body">
            <h5 class="card-title">Ubah Data SPP</h5>
            <form class="form-horizontal" action="./index.php?aksi=Master&xaksi=SPP&yaksi=6" method="post"
            enctype="multipart/form-data">
                <?php
                foreach($dataku as $row)
                {
                ?>
                <div class="row mb-3">
                    <label for="id_spp" class="col-sm-2 col-form-label">ID SPP</label>
                    <div class="col-sm-10">
                        <input type="text" class="form-control" readonly="true" value="<?php echo $row['id_spp'];
                            ?>" name="id_spp" id="id_spp">
                    </div>
                </div>
                <div class="row mb-3">
                    <label for="tingkat" class="col-sm-2 col-form-label">Tingkat</label>
                    <div class="col-sm-10">
                        <input type="text" class="form-control" value="<?php echo $row['tingkat']; ?>" name="
                        tingkat" id="tingkat">
                    </div>
                </div>
                <div class="row mb-3">
                    <label for="tingkat" class="col-sm-2 col-form-label">Nominal SPP</label>
                    <div class="col-sm-10">
                        <input type="text" class="form-control" value="<?php echo $row['spp']; ?>" name="spp" id=
                        "spp">
                    </div>
                </div>
                <?php } ?>
                <div class="text-center">
                    <button type="submit" id="update" name="update" class="btn btn-primary">Update</button>
                    <button type="reset" class="btn btn-secondary">Clear</button>
                </div>
            </form>
        </div>
    </div>
</div>
```

Souce Code untuk Class – SISWA – tbl_siswa (Pengolahan data SISWA pada aplikasi SPP) – csiswa, fsiswa, vsiswa, vsiswa_add, vsiswa_ubah

csiswa.php

```php
<?php
include('function/fsiswa.php');
$fsiswa = new fsiswa();

if(isset($_GET['xaksi']))
{

  $status=$_GET['yaksi'];

  if($status=='1')
  {
      $dataku = $fsiswa->tampil_data();
      include "./view/vsiswa.php";
  }

  if($status=='2')
  {
      include "./view/vsiswa_add.php";
  }

 if($status=='3')    // simpan tambah data siswa
    {
        if (isset($_POST['simpan']))
        {
            $nis=$_POST['nis'];
            $nisn=$_POST['nisn'];
            $nama=$_POST['nama'];
            $kelas=$_POST['kelas'];
            $alamat=$_POST['alamat'];
            $no_telp=$_POST['no_telp'];
            $result=$fsiswa->input_data($nis,$nisn,$nama,$kelas,$alamat,$no_telp);
            if($result)
              {
                  echo'<div class="alert alert-success">Data Berhasil ditambah</div>';
               }
              else
              {
                echo'<div class="alert alert-danger">Data gagal ditambah</div>';
              }
          echo '<meta http-equiv="refresh"  content="1;url=?aksi=Master&xaksi=Siswa&yaksi=1">';
      }

  }
```

```php
if($status=='4')
    {
            $nis=$_GET['nis'];
            $result=$fsiswa->hapus_data($nis);
                if($result)
                    {
                        echo'<div class="alert alert-success">Data Berhasil dihapus</div>';
                    }
                else
                    {
                        echo'<div class="alert alert-danger">Data gagal dihapus</div>';
                    }
                    echo '<meta http-equiv="refresh" content="1;url=?aksi=Master&xaksi=Siswa&yaksi=1">';

    }


    if($status=='5')
    {
        $nis=$_GET['nis'];
        $dataku = $fsiswa->cari_data($nis);
        include "./view/vsiswa_ubah.php";
    }

    if($status=='6')    // ubah data siswa
        {
            if (isset($_POST['update']))
            {
                    $nis=$_POST['nis'];
                    $nisn=$_POST['nisn'];
                    $nama=$_POST['nama'];
                    $kelas=$_POST['kelas'];
                    $alamat=$_POST['alamat'];
                    $no_telp=$_POST['no_telp'];

                    $result=$fsiswa->ubah_data($nis,$nisn,$nama,$kelas,$alamat,$no_telp);
                    if($result)
                        {
                            echo'<div class="alert alert-success">Data Berhasil diubah</div>';
                        }
                        else
                        {
                            echo'<div class="alert alert-danger">Data gagal diubah</div>';
                        }
                    echo '<meta http-equiv="refresh"  content="1;url=?aksi=Master&xaksi=Siswa&yaksi=1">';
            }
        }
}
?>
```

fsiswa.php

```php
<?php

include('database.php');

class fsiswa extends  database {

function tampil_data()
    {
        $sql = mysqli_query($this->koneksi,"select * from tbl_siswa");
        $number = mysqli_num_rows($sql);
        if ($number==0) {  echo "Data tidak ada...";
        //exit;
    }
        while($row = mysqli_fetch_array($sql,MYSQLI_ASSOC)){
            $hasil[] = $row;
        }
        return $hasil;
    }

    function tampil_kelas()
    {
        $sql = mysqli_query($this->koneksi,"select kelas from tbl_kelas");
        $number = mysqli_num_rows($sql);
        if ($number==0) {  echo "Data tidak ada...";
        //exit;
    }
        while($row = mysqli_fetch_array($sql,MYSQLI_ASSOC)){
            $hasil[] = $row;
        }
        return $hasil;
    }
function input_data($nis,$nisn,$nama,$kelas,$alamat,$no_telp){
$result = mysqli_query($this->koneksi,"insert into tbl_siswa (nis,nisn,nama,kelas,alamat,no_telp) values
    ('$nis','$nisn','$nama','$kelas','$alamat','$no_telp')");
        if($result){
            return true;
        }else{
            return false;
        }
    $this->koneksi->close();
    }

function hapus_data($nis){
        $result = mysqli_query($this->koneksi,"delete from tbl_siswa where nis='$nis'");
        if($result){
            return true;
        }else{
            return false;
        }
    }

function ubah_data($nis,$nisn,$nama,$kelas,$alamat,$no_telp){
$result = mysqli_query($this->koneksi,"update  tbl_siswa
    set nisn='$nisn',nama='$nama', kelas='$kelas',alamat='$alamat',no_telp='$no_telp'  where nis='$nis'");
        if($result){
            return true;
        }else{
            return false;
        }
    $this->koneksi->close();
    }
```

```php
    public function cari_data ($nis){
            $sql = mysqli_query($this->koneksi,"select * from tbl_siswa where nis='$nis'");
            $number = mysqli_num_rows($sql);
            if ($number==0) {  echo "Data tidak ditemukan..."; exit; }
            while ($d = mysqli_fetch_array($sql,MYSQLI_ASSOC))
            {
                $result[] = $d;
            }
            return $result;
    }

}
?>
```

vsiswa.php

```php
    <div class="col-12">
        <div class="card recent-sales overflow-auto">
            <div class="card-body">

  <table width="100%" border="0" cellpadding="0" cellspacing="0">
    <tr>
    <td><h5 class="card-title">Data Siswa SMK Medikacom</span></h5></td>
    <td> <div align="right"><a href="./index.php?aksi=Master&xaksi=Siswa&yaksi=2" class="btn btn-success btn-sm"><
    span class="glyphicon glyphicon-print"></span>Tambah</a></div>
    </td>
    </tr>
    </table>
                <table class="table table-borderless datatable">
                <thead>
                  <tr>
                    <th scope="col">NIS</th>
                    <th scope="col">NISN</th>
                    <th scope="col">Nama Siswa</th>
                    <th scope="col">Kelas</th>
                    <th scope="col">Alamat</th>
                    <th scope="col">No Telepon</th>
                    <th scope="col">Delete</th>
                   <th scope="col">Edit</th>
                  </tr>
                </thead>
                <tbody>
<?php
    foreach($dataku as $row)
    {
    ?>
      <tr>
      <td><?php  echo $row['nis']; ?></td>
      <td><?php  echo $row['nisn']; ?></a></td>
      <td><?php  echo $row['nama']; ?></a></td>
      <td><?php  echo $row['kelas']; ?></a></td>
      <td><?php  echo $row['alamat']; ?></a></td>
      <td><?php  echo $row['no_telp']; ?></td>
      <td> <a href="./index.php?aksi=Master&xaksi=Siswa&yaksi=4&nis=<?php echo  $row['nis'];?>" class="
      text-primary"><span id="btnConfirm"  class="bi bi-trash"></span></a>
       <td><a href="./index.php?aksi=Master&xaksi=Siswa&yaksi=5&nis=<?php echo  $row['nis'];?>" class="
       text-primary"><span id="btnConfirm"  class="bi bi-eyedropper"></span></a>
       </td>
       </tr>
    <?php } ?>  |
        </tbody>
      </table>
    </div>
  </div>
</div><!-- End Recent Sales -->
```

vsiswa_add.php

```php
<div class="col-12">
    <div class="card recent-sales overflow-auto">
        <div class="card-body">
        <h5 class="card-title">Tambah Data Siswa </h5>

        <!-- Horizontal Form -->
        <form class="form-horizontal" action="./index.php?aksi=Master&xaksi=Siswa&yaksi=3" method="post" enctype="
        multipart/form-data">
            <div class="row mb-3">
                <label for="nis" class="col-sm-2 col-form-label">NIS</label>
                <div class="col-sm-10">
                    <input type="text" class="form-control" name="nis" id="nis">
                </div>
            </div>
            <div class="row mb-3">
                <label for="nisn" class="col-sm-2 col-form-label">NISN </label>
                <div class="col-sm-10">
                    <input type="text" class="form-control" id="nisn" name="nisn">
                </div>
            </div>
            <div class="row mb-3">
                <label for="nama" class="col-sm-2 col-form-label">Nama Lengkap Siswa</label>
                <div class="col-sm-10">
                    <input type="text" class="form-control" id="nama" name="nama">
                </div>
            </div>

            <div class="row mb-3">
                <label for="kelas" class="col-sm-2 col-form-label">Kelas</label>
                <div class="col-sm-10">
                    <select class="form-control" id="kelas" name="kelas">
        <?php
        $kelas = $fsiswa->tampil_kelas();
        foreach($kelas as $rowx)
        {
        ?>
        <option value='<?php  echo $rowx['kelas']; ?>'><?php  echo $rowx['kelas']; ?></option>
        <?php
        } ?>
        </select>
                </div>
            </div>

            <div class="row mb-3">
                <label for="alamat" class="col-sm-2 col-form-label">Alamat</label>
                <div class="col-sm-10">
                    <input type="text" class="form-control" id="alamat" name="alamat">
                </div>
            </div>
            <div class="row mb-3">
                <label for="no_telp" class="col-sm-2 col-form-label">Nomor Telepon</label>
                <div class="col-sm-10">
                    <input type="text" class="form-control" id="no_telp" name="no_telp">
                </div>
            </div>
            <div class="text-center">
                <button type="submit" id="simpan" name="simpan" class="btn btn-primary">Simpan</button>
                <button type="reset" class="btn btn-secondary">Clear</button>
            </div>
        </form>
        </div>
    </div>
</div>
```

vsiswa_ubah.php

```php
<div class="col-12">
        <div class="card recent-sales overflow-auto">
            <div class="card-body">
          <h5 class="card-title">Ubah Data SISWA </h5>

          <!-- Horizontal Form -->
        <form class="form-horizontal" action="./index.php?aksi=Master&xaksi=Siswa&yaksi=6" method="post" enctype="
        multipart/form-data">
            <?php
              foreach($dataku as $row)
              {
              ?>
          <div class="row mb-3">
            <label for="nis" class="col-sm-2 col-form-label">NIS</label>
            <div class="col-sm-10">
              <input type="text" class="form-control" readonly="true" value="<?php   echo $row['nis']; ?>" name="nis"
              id="nis">
            </div>
          </div>
          <div class="row mb-3">
            <label for="nisn" class="col-sm-2 col-form-label">NISN </label>
            <div class="col-sm-10">
              <input type="text" class="form-control" value="<?php   echo $row['nisn']; ?>"  id="nisn" name="nisn">
            </div>
          </div>
          <div class="row mb-3">
            <label for="nama" class="col-sm-2 col-form-label">Nama Lengkap </label>
            <div class="col-sm-10">
              <input type="text" class="form-control" value="<?php   echo $row['nama']; ?>"  id="naman" name="nama">
            </div>
          </div>
          <div class="row mb-3">
            <label for="kelas" class="col-sm-2 col-form-label">Kelas </label>
            <div class="col-sm-10">
              <input type="text" class="form-control" value="<?php   echo $row['kelas']; ?>"  id="kelas" name="kelas">
            </div>
          </div>
          <div class="row mb-3">
            <label for="alamat" class="col-sm-2 col-form-label">Alamat </label>
            <div class="col-sm-10">
              <input type="text" class="form-control" value="<?php   echo $row['alamat']; ?>"  id="alamat" name="alamat
              ">
            </div>
          </div>
          <div class="row mb-3">
            <label for="no_telp" class="col-sm-2 col-form-label">Nomor Telepon</label>
            <div class="col-sm-10">
              <input type="text" class="form-control" value="<?php   echo $row['no_telp']; ?>"  id="no_telp" name="
              no_telp">
            </div>
          </div>
            <?php } ?>

          <div class="text-center">
            <button type="submit" id="update" name="update" class="btn btn-primary">Update</button>
            <button type="reset" class="btn btn-secondary">Clear</button>
          </div>
        </form>

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

Souce Code untuk Class – PEMBAYARAN – tbl_pembayaran (Pengolahan data PEMBAYARAN pada aplikasi SPP) – cpembayaran, fpembayaran, vpembayaran, vpembayaran_add, vpembayaran_ubah

cpembayaran.php

```php
<?php
ini_set('display_errors','Off');
include('function/fpembayaran.php');
$fpembayaran = new fpembayaran();
if(isset($_GET['xaksi']))
{

    $status=$_GET['yaksi'];

    if($status=='1')
    {
        $dataku = $fpembayaran->tampil_data();
        include "./view/vpembayaran.php";
    }

    if($status=='2')
    {
        $kelas = $fpembayaran->tampil_kelas();
        include "./view/vpembayaran_add.php";
    }
```

```php
if($status=='3')     // simpan tambah data pembayaran
    {
        if (isset($_POST['simpan']))
        {
            //  $id_pembayaran=$_POST['id_pembayaran'];
            $tgl_bayar=$_POST['tgl_bayar'];
            $bulan_bayar=$_POST['bulan_bayar'];
            $tahun_bayar=$_POST['tahun_bayar'];
            $spp=$_POST['spp'];
            $nis=$_POST['nis'];
            $result=$fpembayaran->input_data($nis,$tgl_bayar,$bulan_bayar,$tahun_bayar,$spp);
            if($result)
            {
                echo'<div class="alert alert-success">Data Berhasil ditambah</div>';
            }
            else
            {
                echo'<div class="alert alert-danger">Data gagal ditambah</div>';
            }
            echo '<meta http-equiv="refresh"  content="1;url=?aksi=Master&xaksi=Pembayaran&yaksi=1">';
        }
    }
```

```php
        if($status=='4')
        {
                $id_pembayaran=$_GET['id_pembayaran'];
                $result=$fpembayaran->hapus_data($id_pembayaran);
                    if($result)
                        {
                            echo'<div class="alert alert-success">Data Berhasil dihapus</div>';
                        }
                        else
                        {
                          echo'<div class="alert alert-danger">Data gagal dihapus</div>';
                        }
                        echo '<meta http-equiv="refresh" content="1;url=?aksi=Master&xaksi=Pembayaran&yaksi=1">
                            ';

        }
}
?>
```

fpembayaran.php

```php
<?php
include('database.php');

class fpembayaran extends  database {

function tampil_data()
    {
        $sql = mysqli_query($this->koneksi,"SELECT
                tbl_siswa.nis,  tbl_pembayaran.id_pembayaran,tbl_pembayaran.nis,
                tbl_siswa.nama,tbl_siswa.kelas,tbl_pembayaran.tgl_bayar,tbl_pembayaran.bulan_bayar,
                tbl_pembayaran.tahun_bayar,tbl_pembayaran.spp,tbl_pembayaran.id_spp,tbl_pembayaran.id_petugas
                FROM tbl_pembayaran INNER JOIN tbl_siswa ON tbl_pembayaran.nis = tbl_siswa.nis order by
                    kelas,nama
                ");
        $number = mysqli_num_rows($sql);
        if ($number==0) {  echo "Data tidak ada...";
        //exit;
    }
        while($row = mysqli_fetch_array($sql,MYSQLI_ASSOC)){
            $hasil[] = $row;
        }
        return $hasil;
    }
```

```php
    function tampil_nis()
    {
        $sql = mysqli_query($this->koneksi,"select nis from tbl_siswa");
        $number = mysqli_num_rows($sql);
        if ($number==0) {   echo "Data tidak ada...";
        //exit;
    }

        while($row = mysqli_fetch_array($sql,MYSQLI_ASSOC)){
            $hasil[] = $row;
        }
        return $hasil;
    }

    function tampil_id_spp()
    {
        $sql = mysqli_query($this->koneksi,"select id_spp from tbl_spp");
        $number = mysqli_num_rows($sql);
        if ($number==0) {   echo "Data tidak ada...";
        //exit;
    }

        while($row = mysqli_fetch_array($sql,MYSQLI_ASSOC)){
            $hasil[] = $row;
        }
        return $hasil;
    }

function input_data($nis,$tgl_bayar,$bulan_bayar,$tahun_bayar,$spp){
$result = mysqli_query($this->koneksi,"insert into tbl_pembayaran (nis,tgl_bayar,bulan_bayar,tahun_bayar,spp)
    values ('$nis','$tgl_bayar','$bulan_bayar','$tahun_bayar','$spp')");
    if($result){
        return true;
    }else{
        return false;
    }
    $this->koneksi->close();
}


function hapus_data($id_pembayaran){
    $result = mysqli_query($this->koneksi,"delete from tbl_pembayaran where id_pembayaran='$id_pembayaran'"
        );
    if($result){
        return true;
    }else{
        return false;
    }
}
```

```php
function ubah_data($id_pembayaran,$nis,$tgl_bayar,$bulan_bayar,$tahun_bayar,$spp,$id_spp,$id_petugas){
$result = mysqli_query($this->koneksi,"update   tbl_pembayaran
    set   nis='$nis',tgl_bayar='$tgl_bayar',  bulan_bayar='$bulan_bayar',tahun_bayar='$tahun_bayar',spp='$spp
    ',id_spp=$id_spp,id_petugas=$id_petugas   where id_pembayaran='$id_pembayaran'");
        if($result){
            return true;
        }else{
            return false;

        }
    $this->koneksi->close();
}

public  function tampil_kelas()
    {
        $sql = mysqli_query($this->koneksi,"select kelas from tbl_kelas");
        $number = mysqli_num_rows($sql);
        if ($number==0) {  echo "Data tidak ada...";
        //exit;
    }
        while($row = mysqli_fetch_array($sql,MYSQLI_ASSOC)){
            $hasil[] = $row;
    }
        return $hasil;
    }

function tampil_siswa()
    {
        $sql = mysqli_query($this->koneksi,"select * from tbl_siswa order by kelas,nama");
        $number = mysqli_num_rows($sql);
        if ($number==0) {  echo "Data tidak ada...";
        //exit;
    }
        while($row = mysqli_fetch_array($sql,MYSQLI_ASSOC)){
            $hasil[] = $row;
    }
        return $hasil;
    }


public function cari_data ($id_pembayaran){
        $sql = mysqli_query($this->koneksi,"select * from tbl_pembayaran where id_pembayaran='$id_pembayaran'");

        $number = mysqli_num_rows($sql);
        if ($number==0) {  echo "Data tidak ditemukan..."; exit; }
        while ($d = mysqli_fetch_array($sql,MYSQLI_ASSOC))
        {
            $result[] = $d;
    }
        return $result;
    }

}
?>
```

vpembayaran.php

```php
        <div class="col-12">
          <div class="card recent-sales overflow-auto">
            <div class="card-body">
      <table width="100%" border="0" cellpadding="0" cellspacing="0">
       <tr>
       <td><h5 class="card-title">Data Pembayaran SPP</span></h5></td>
       <td> <div align="right"><a href="./index.php?aksi=Pembayaran&xaksi=Pembayaran&yaksi=2" class="btn btn-success btn-sm"><span class="glyphicon glyphicon-print"></span>Pembayaran</a></div>
       </td>
       </tr>
      </table>
            <table class="table table-borderless datatable">
            <thead>
             <tr>
              <th scope="col">No Pembayaran</th>
              <th scope="col">Nis</th>
              <th scope="col">Nama</th>
              <th scope="col">Kelas</th>
              <th scope="col">Tanggal Bayar</th>
              <th scope="col">Bulan</th>
              <th scope="col">Tahun</th>
              <th scope="col">Jumlah SPP</th>
              <th scope="col">Delete</th>
             </tr>
            </thead>
            <tbody>
        <?php
          //$no=1;
          foreach($dataku as $row)
          {
          ?>
           <tr>
           <td><?php  echo $row['id_pembayaran']; ?></td>
           <td><?php  echo $row['nis']; ?></td>
           <td><?php  echo $row['nama']; ?></td>
           <td><?php  echo $row['kelas']; ?></td>
           <td><?php  echo $row['tgl_bayar']; ?></td>
            <td><?php  echo $row['bulan_bayar']; ?></td>
           <td><?php  echo $row['tahun_bayar']; ?></td>
           <td><?php  echo $row['spp']; ?></td>
           <td> <a href="./index.php?aksi=Pembayaran&xaksi=Pembayaran&yaksi=4&id_pembayaran=<?php echo
$row['id_pembayaran'];?>" class="text-primary"><span id="btnConfirm"  class="bi bi-trash"></span></a>
           </tr>
          <?php } ?>
             </tbody>
           </table>
          </div>

         </div>
        </div><!-- End Recent Sales -->
```

```html
<div class="col-12">
        <div class="card recent-sales overflow-auto">
            <div class="card-body">
        <h5 class="card-title">Proses Pembayaran SPP</h5>

        <!-- Horizontal Form -->
       <form class="form-horizontal" action="./index.php?aksi=Pembayaran&xaksi=Pembayaran&yaksi=3" method="
        post" enctype="multipart/form-data">

          <div class="row mb-3">
            <label for="kelas" class="col-sm-2 col-form-label">Kelas</label>
            <div class="col-sm-10">
             <select class="form-control" id="kelas" name="kelas">
             <option value="">--pilih--</option>
          <?php
            $kelas = $fpembayaran->tampil_kelas();
            foreach($kelas as $rowx)
            {
            ?>
            <option value='<?php  echo $rowx['kelas']; ?>'><?php  echo $rowx['kelas']; ?></option>
            <?php
            } ?>
            </select>
            </div>
          </div>

    <div id="dataspp"> </div>

      <div class="row mb-3">
              <label for="tgl_bayar" class="col-sm-2 col-form-label">Tanggal Bayar</label>
              <div class="col-sm-10">
                 <input type="date" class="form-control" name="tgl_bayar" id="tgl_bayar">
              </div>
          </div>


          <div class="row mb-3">
              <label for="bulan_bayar" class="col-sm-2 col-form-label">Untuk Bulan</label>
              <div class="col-sm-10">
                  <select class="form-control" name="bulan_bayar" id="bulan_bayar">
                      <option value="1">1</option>
                      <option value="2">2</option>
                      <option value="3">3</option>
                      <option value="4">4</option>
                      <option value="5">5</option>
                      <option value="6">6</option>
                      <option value="7">7</option>
                       <option value="8">8</option>
                       <option value="9">9</option>
                      <option value="10">10</option>
                      <option value="11">11</option>
                      <option value="12">12</option>
                  </select>
              </div>
          </div>
```

```html
<div class="row mb-3">
    <label for="tahun_bayar" class="col-sm-2 col-form-label">Untuk Tahun</label>
    <div class="col-sm-10">
        <select class="form-control" name="tahun_bayar" id="tahun_bayar">
            <option value="2021">2021</option>
            <option value="2022">2022</option>
            <option value="2023">2023</option>
            <option value="2024">2024</option>
        </select>
    </div>
</div>

<div class="text-center">
    <button type="submit" id="simpan" name="simpan" class="btn btn-primary">Simpan</button>
    <button type="reset" class="btn btn-secondary">Clear</button>
</div>
</form>
</div>
</div>
</div>
    <script src="assets/js/jquery.min.js"></script>
                        <script type="text/javascript">

                            $('#kelas').change(function()
                            {
                                var kelas = $(this).val();
                                $.ajax({
                                    type: 'POST',
                                    url: './view/ajax_siswa.php',
                                    data: 'xkelas=' + kelas,
                                    success: function(response) {
                                        $('#dataspp').html(response);
                                    }
                                });
                            });
    </script>
```

ajax_siswa.php

```php
<?php

$koneksi = mysqli_connect("localhost","root","","db_spp");
$xkelas= $_POST['xkelas'];
$tampil=mysqli_query($koneksi,"SELECT tbl_siswa.nis, tbl_siswa.nama, tbl_siswa.kelas,
SUBSTR(tbl_siswa.kelas,1,LENGTH(tbl_siswa.kelas)-2) AS tingkat, tbl_spp.spp as spp
FROM tbl_siswa  INNER JOIN tbl_spp ON SUBSTR(tbl_siswa.kelas,1,LENGTH(tbl_siswa.kelas)-2) =
tbl_spp.tingkat
WHERE kelas='$xkelas' order by nama");
$jml=mysqli_num_rows($tampil);


$tampil2=mysqli_query($koneksi,"SELECT
SUBSTR(tbl_siswa.kelas,1,LENGTH(tbl_siswa.kelas)-2) AS tingkat,
tbl_spp.spp
FROM tbl_siswa
INNER JOIN tbl_spp ON SUBSTR(tbl_siswa.kelas,1,LENGTH(tbl_siswa.kelas)-2) = tbl_spp.tingkat
WHERE kelas='$xkelas'
GROUP BY SUBSTR(tbl_siswa.kelas,1,LENGTH(tbl_siswa.kelas)-2)");
$jml2=mysqli_num_rows($tampil2);

 ?>
<div class="row mb-3">
  <label for="nis" class="col-sm-2 col-form-label">Nama Siswa</label>
    <div class="col-sm-10">

 <select class="form-control" id="nis" name="nis">
  <option value="">--pilih--</option>
  <?php
   while($rowx=mysqli_fetch_array($tampil))
   {?>
      <option value='<?php  echo $rowx['nis']; ?>'><?php  echo $rowx['nama']; ?></option>
 <?php } ?>
 </select>
</div>
</div>
 <div class="row mb-3">
  <label for="spp" class="col-sm-2 col-form-label">Nominal SPP</label>
    <div class="col-sm-10">
     <?php
     while($rowy=mysqli_fetch_array($tampil2))
     {?>
     <input type="number" value="<?php  echo $rowy['spp']; ?>" class="form-control" name="spp"
id="spp">
     <?php } ?>
     </div>
</div>
```

MODUL - LOGIN

login.php

```html
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {font-family: Arial, Helvetica, sans-serif;}
form {border: 3px solid #f1f1f1;}

input[type=text], input[type=password] {
  width: 100%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  box-sizing: border-box;
}

button {
  background-color: #04AA6D;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 100%;
}

button:hover {
  opacity: 0.8;
}

.cancelbtn {
  width: auto;
  padding: 10px 18px;
  background-color: #f44336;
}

.imgcontainer {
  text-align: center;
  margin: 24px 0 12px 0;
}

img.avatar {
```

```css
  width: 10%;
  border-radius: 50%;
}

.container {
  padding: 16px;
}

span.psw {
  float: right;
  padding-top: 16px;
}

/* Change styles for span and cancel button on extra small screens */
@media screen and (max-width: 300px) {
  span.psw {
    display: block;
    float: none;
  }
  .cancelbtn {
    width: 100%;
  }
}
</style>
</head>
<body>
<h2>Login Form</h2>
<form action="./control/clogin.php?op=in" method="post">
  <div class="imgcontainer">
    <img src="./assets/img/gambar.jpg"  alt="Nama Pengguna"  class="avatar">
  </div>

  <div class="container">
    <label for="username"><b>Username</b></label>
    <input type="text" placeholder="Enter Username" name="username" required>

    <label for="passw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password" name="passw" required>

    <button type="submit">Login</button>
  </div>
</form>
</body>
</html>
```

clogin.php

```php
<?php
if (!isset($_SESSION)) {
        session_start();
}

include('../function/flogin.php');
$flogin = new flogin();


$op = $_GET['op'];
if ($op == "in")
{
        $username = strip_tags(str_replace("'", "", $_POST["username"]));
        $passw = strip_tags(str_replace("'", "", $_POST['passw']));

        if ($flogin->getUserByusername($username, $passw) == true)
          {

                $dataku = $flogin->getdataUserByusername($username, $passw);

                        $_SESSION['username'] = $dataku[0]['username'];
                        $_SESSION['nama_petugas'] = $dataku[0]['nama_petugas'];
                        $_SESSION['level'] = $dataku[0]['level'];
                        header("location:../index.php");
                }
}

else if ($op == "out")
{
                unset($_SESSION['username']);     //Unset the variables stored in session
                unset($_SESSION['password']);
                unset($_SESSION['level']);
                unset($_SESSION['nama_petugas']);
                header("location:../login.php");
}
else
{
        unset($_SESSION['username']);     //Unset the variables stored in session
        unset($_SESSION['password']);
        unset($_SESSION['level']);
        unset($_SESSION['nama_petugas']);
        header("location:../login.php");
}
```

flogin.php

```php
<?php

include('database.php');

class flogin extends database
{
    public function getUserByusername($username, $passw)
    {
        $sql = mysqli_query($this->koneksi, "select * from tbl_petugas where username='$username'");
        $number = mysqli_num_rows($sql);

        if ($number == 0) {
            echo "Username dan Password Salah...";
            exit;
        }

        while ($d = mysqli_fetch_array($sql, MYSQLI_ASSOC)) {
            $encrypted_password = $d['passw'];
            $hash = md5($passw);
            if ($encrypted_password == $hash) {
                return true;
            } else {
                return false;
            }
        }
    }
    public function getdataUserByusername($username, $passw)
    {
        $sql = mysqli_query($this->koneksi, "select * from tbl_petugas where username='$username'");
        $number = mysqli_num_rows($sql);
        if ($number == 0) {
            echo "Username dan Password Salah...";
            exit;
        }
        while ($d = mysqli_fetch_array($sql, MYSQLI_ASSOC)) {
            $result[] = $d;
        }
        return $result;
    }
}
```

LAPORAN

clpembayaran.php

```php
$fpembayaran_lap = new fpembayaran_Lap();

$status = $_GET['yaksi'];
if ($_GET['xaksi'] == "Laporan Pembayaran") {
    {
        if($status == '1'){
            include "./view/vpembayaran_lap.php";
        }
        if($status == '2'){
            include "./view/vpembayaran_lap_tahun.php";
        }
        if($status == '3') {
          $bulan_bayar = $_POST['bulan_bayar'];
          $tahun_bayar = $_POST['tahun_bayar'];
          $dataku = $fpembayaran_lap->tampil_data_bulan($bulan_bayar,$tahun_bayar);
          include "./view/vpembayaran_print_bulan.php";
        }
        if($status == '4')
        {
            $tahun_bayar = $_POST['tahun_bayar'];
            $dataku = $fpembayaran_lap->tampil_data_tahun($tahun_bayar);
            include "./view/vpembayaran_print_tahun.php";
        }
        if($status == '5'){
            include "./view/vpembayaran_lap_kelas.php";
        }
        if($status == '6')
        {
            $kelas = $_POST['kelas'];
            $dataku = $fpembayaran_lap->tampil_data_kelas($kelas);
            include "./view/vpembayaran_print_kelas.php";
        }
    }
}
?>
```

fpembayaran_lap.php

```php
<?php
include('database.php');

class fpembayaran_lap extends database{
    function bulan_bayar()
    {
        $sql = mysqli_query($this->koneksi, "SELECT MONTH(tgl_bayar) AS bulan_bayar FROM tbl_pembayaran
         GROUP BY MONTH(tgl_bayar)");
        $number = mysqli_num_rows($sql);
        if ($number == 0) {
            echo "Data tidak ada...";
            return null;
        }
        while ($row = mysqli_fetch_array($sql, MYSQLI_ASSOC)) {
            $hasil[] = $row;
        }
        return $hasil;
    }

    function tahun_bayar()
    {
        $sql = mysqli_query($this->koneksi, "SELECT year(tgl_bayar) AS tahun_bayar FROM tbl_pembayaran
         GROUP BY year(tgl_bayar)");
        $number = mysqli_num_rows($sql);
        if ($number == 0) {
            echo "Data tidak ada...";
            return null;
        }
        while ($row = mysqli_fetch_array($sql, MYSQLI_ASSOC)) {
            $hasil[] = $row;
        }
        return $hasil;
    }
}
```

```php
function kelas()
{
    $sql = mysqli_query($this->koneksi, "SELECT kelas, tbl_pembayaran.nis FROM tbl_siswa,tbl_pembayaran
        where tbl_siswa.nis=tbl_pembayaran.nis
     GROUP BY kelas");
    $number = mysqli_num_rows($sql);
    if ($number == 0) {
        echo "Data tidak ada...";
        return null;
    }
    while ($row = mysqli_fetch_array($sql, MYSQLI_ASSOC)) {
        $hasil[] = $row;
    }
    return $hasil;
}

function tampil_data_bulan($bulan_bayar,$tahun_bayar)
{
    $sql = mysqli_query($this->koneksi, "SELECT tbl_pembayaran.*,tbl_siswa.nama,tbl_siswa.kelas,
        tbl_petugas.nama_petugas
    FROM tbl_pembayaran,tbl_siswa,tbl_petugas
    WHERE tbl_pembayaran.nis=tbl_siswa.nis AND MONTH(tbl_pembayaran.tgl_bayar) ='$bulan_bayar' AND
    YEAR(tbl_pembayaran.tgl_bayar)='$tahun_bayar'
    GROUP BY id_pembayaran
    ");

    $number = mysqli_num_rows($sql);
    if ($number == 0) {
        echo "Data tidak ada...";
    }
    while ($row = mysqli_fetch_array($sql, MYSQLI_ASSOC)) {
        $hasil[] = $row;
    }
    return $hasil;
}
```

```php
    function tampil_data_tahun($tahun_bayar)
    {
        $sql = mysqli_query($this->koneksi, "SELECT tbl_pembayaran.*,tbl_siswa.nama,tbl_siswa.kelas,
            tbl_petugas.nama_petugas
        FROM tbl_pembayaran,tbl_siswa,tbl_petugas
        WHERE tbl_pembayaran.nis=tbl_siswa.nis AND YEAR(tbl_pembayaran.tgl_bayar)='$tahun_bayar'
        GROUP BY id_pembayaran
        ");
        $number = mysqli_num_rows($sql);
        if ($number == 0) {
            echo "Data tidak ada...";
        }
        while ($row = mysqli_fetch_array($sql, MYSQLI_ASSOC)) {
            $hasil[] = $row;
        }
        return $hasil;
    }

    function tampil_data_kelas($kelas)
    {
        $sql = mysqli_query($this->koneksi, "SELECT tbl_pembayaran.*,tbl_siswa.nama,tbl_siswa.kelas,
            tbl_petugas.nama_petugas
        FROM tbl_pembayaran,tbl_siswa,tbl_petugas
        WHERE tbl_pembayaran.nis=tbl_siswa.nis AND tbl_siswa.kelas='$kelas'
        ");
        $number = mysqli_num_rows($sql);
        if ($number == 0) {
            echo "Data tidak ada...";
            return null;
        }
        while ($row = mysqli_fetch_array($sql, MYSQLI_ASSOC)) {
            $hasil[] = $row;
        }
        return $hasil;
    }
}
?>
```

vpembayaran_lap.php (untuk laporan bulanan)

```php
<div class="col-12">
    <div class="card recent-sales overflow-auto">
     <div class="card-body">
       <h5 class="card-title">Laporan Pembayaran SPP Per-Bulan</h5>
       <!-- Horizontal Form -->
       <form class="form-horizontal" action="?aksi=Laporan&xaksi=Laporan%20Pembayaran&yaksi=3"
method="post" enctype="multipart/form-data">
         <div class="row mb-3">
           <label for="bulan_bayar" class="col-sm-2 col-form-label">Bulan Bayar</label>
           <div class="col-sm-10">
            <select class="form-control" id="bulan_bayar" name="bulan_bayar">
          <?php
          $kelas = $fpembayaran_lap->bulan_bayar();
          foreach($kelas as $rowx)
          {
          ?>
<option value='<?php  echo $rowx['bulan_bayar']; ?>'><?php  echo $rowx['bulan_bayar']; ?></option>
          <?php
          } ?>
          </select>
          </div>
         </div>
        <div class="row mb-3">
          <label for="tahun_bayar" class="col-sm-2 col-form-label">Tahun Bayar</label>
          <div class="col-sm-10">
           <select class="form-control" id="tahun_bayar" name="tahun_bayar">
          <?php
          $kelas = $fpembayaran_lap->tahun_bayar();
          foreach($kelas as $rowx)
          {
          ?>
<option value='<?php  echo $rowx['tahun_bayar']; ?>'><?php  echo $rowx['tahun_bayar']; ?></option>
          <?php
          } ?>
          </select>
          </div>
         </div>
       <div class="text-center">
        <button type="submit" id="cetak" name="cetak" class="btn btn-primary">Cetak Data</button>
         <button type="reset" class="btn btn-secondary">Clear</button>
        </div>
      </form>
     </div>
    </div>
   </div>
```

vpembayaran_print_bulan.php (cetak laporan perbulan)

```
<!DOCTYPE HTML>
<html>

<head>
 <meta http-equiv="content-type" content="text/html" />
 <title>Cetak Pembayaran</title>

 <script type="text/javascript">
  function printDiv(divName) {
   var printContents = document.getElementById(divName).innerHTML;
   var originalContents = document.body.innerHTML;
   document.body.innerHTML = printContents;
   window.print();

   document.body.innerHTML = originalContents;
  }
  printDiv('printableArea');
 </script>

</head>

<body style="background: white">
 <a href="#" onclick="printDiv('printableArea');"> Print </a>

 <div id="printableArea">

  <td align="center">
  <h5 class="card-title" align="center">Data Pembayaran Perbulan</span></h5>
  <h2 class="card-title" align="center">Bulan : <?php echo $bulan_bayar ?></span></h2>
  <h2 class="card-title" align="center">Tahun : <?php echo $tahun_bayar ?></span></h2>
  </td>
  <p>
  <table class="table table-bordered">
  <thead>
     <tr>
      <th scope="col">ID Pembayaran</th>
      <th scope="col">NIS </th>
      <th scope="col">Nama Siswa </th>
      <th scope="col">Kelas </th>
      <th scope="col">Tanggal Bayar </th>
      <th scope="col">Bulan Bayar</th>
      <th scope="col">Tahun Bayar</th>
      <th scope="col">SPP</th>
      <th scope="col">Nama Petugas</th>
     </tr>
```

```php
        </thead>
        <tbody>
         <?php
           $no = 1;
           foreach ($dataku as $row) {
         ?>
         <tr>
          <td><?php echo $no++; ?></td>
          <td><?php echo $row['nis'];?></td>
          <td><?php echo $row['nama'];?></td>
          <td><?php echo $row['kelas'];?></td>
          <td><?php echo $row['tgl_bayar'];?></td>
          <td><?php echo $row['bulan_bayar'];?></td>
          <td><?php echo $row['tahun_bayar'];?></td>
          <td><?php echo $row['spp'];?></td>
          <td><?php echo $row['nama_petugas'];?></td>
         </tr>
         <?php } ?>
        </tbody>
     </table>
   </div>
</body>

</html>
```

vpembayaran_lap_tahun.php(untuk laporan tahunan)

```php
<div class="col-12">
    <div class="card recent-sales overflow-auto">
        <div class="card-body">
            <h5 class="card-title">Laporan Pembayaran SPP Pertahun</h5>

            <!-- Horizontal Form -->
            <form class="form-horizontal" action="?aksi=Laporan&xaksi=Laporan%20Pembayaran&yaksi=4" method="post"
            enctype="multipart/form-data">
                <div class="row mb-3">
                    <label for="tahun_bayar" class="col-sm-2 col-form-label">Tahun Bayar</label>
                    <div class="col-sm-10">
                        <select class="form-control" id="tahun_bayar" name="tahun_bayar">
                    <?php
                        $kelas = $fpembayaran_lap->tahun_bayar();
                        foreach($kelas as $rowx)
                        {
                    ?>
                        <option value='<?php  echo $rowx['tahun_bayar']; ?>'><?php  echo $rowx['tahun_bayar']; ?></option>
                        <?php
                        } ?>
                        </select>
                    </div>
                </div>

            <div class="text-center">
                <button type="submit" id="cetak" name="cetak" class="btn btn-primary">Cetak Data</button>
                    <button type="reset" class="btn btn-secondary">Clear</button>
                </div>
            </form>

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

vpembayaran_print_tahun.php (cetak laporan pertahun)

```
<!DOCTYPE HTML>
<html>

<head>
 <meta http-equiv="content-type" content="text/html" />
 <title>Cetak Pembayaran SPP</title>

 <script type="text/javascript">
  function printDiv(divName) {
    var printContents = document.getElementById(divName).innerHTML;
    var originalContents = document.body.innerHTML;
    document.body.innerHTML = printContents;
    window.print();

    document.body.innerHTML = originalContents;
   }
   printDiv('printableArea');
 </script>

</head>

<body style="background: white">
 <a href="#" onclick="printDiv('printableArea');"> Print </a>

 <div id="printableArea">

  <td align="center">
  <h5 class="card-title" align="center">Data Pembayaran Pertahun</span></h5>
  <h2 class="card-title" align="center">Tahun Bayar: <?php echo $tahun_bayar
?></span></h2>
  </td>
  <p>
  <table class="table table-bordered">
  <thead>
     <tr>
      <th scope="col">ID Pembayaran</th>
      <th scope="col">NIS </th>
      <th scope="col">Nama Siswa </th>
      <th scope="col">Kelas </th>
      <th scope="col">Tanggal Bayar </th>
      <th scope="col">Bulan Bayar</th>
      <th scope="col">Tahun Bayar</th>
      <th scope="col">SPP</th>
      <th scope="col">Nama Petugas</th>
     </tr>
    </thead>
```

```php
    <tbody>
     <?php
       $no = 1;
       foreach ($dataku as $row) {
     ?>
     <tr>
      <td><?php echo $no++; ?></td>
      <td><?php echo $row['nis'];?></td>
      <td><?php echo $row['nama'];?></td>
      <td><?php echo $row['kelas'];?></td>
      <td><?php echo $row['tgl_bayar'];?></td>
      <td><?php echo $row['bulan_bayar'];?></td>
      <td><?php echo $row['tahun_bayar'];?></td>
      <td><?php echo $row['spp'];?></td>
      <td><?php echo $row['nama_petugas'];?></td>
     </tr>
     <?php } ?>
    </tbody>
  </table>
 </div>
</body>

</html>
```

vpembayaran_lap_kelas.php (laporan perkelas)

```php
<div class="col-12">
    <div class="card recent-sales overflow-auto">
        <div class="card-body">
            <h5 class="card-title">Laporan Pembayaran SPP Per Kelas</h5>

            <!-- Horizontal Form -->
            <form class="form-horizontal" action="?aksi=Laporan&xaksi=Laporan%20Pembayaran&yaksi=6" method="post"
            enctype="multipart/form-data">
                <div class="row mb-3">
                    <label for="kelas" class="col-sm-2 col-form-label">Kelas</label>
                    <div class="col-sm-10">
                        <select class="form-control" id="kelas" name="kelas">
                <?php
                $kelas = $fpembayaran_lap->kelas();
                foreach($kelas as $rowx)
                {
                ?>
                <option value='<?php  echo $rowx['kelas']; ?>'><?php  echo $rowx['kelas']; ?></option>
                <?php
                } ?>
                </select>
                </div>
            </div>

        <div class="text-center">
            <button type="submit" id="cetak" name="cetak" class="btn btn-primary">Cetak Data</button>
            <button type="reset" class="btn btn-secondary">Clear</button>
        </div>
    </form>
    </div>
    </div>
</div>
```

vpembayaran_print_kelas.php (cetak laporan perkelas)

```
<!DOCTYPE HTML>
<html>

<head>
 <meta http-equiv="content-type" content="text/html" />
 <title>Cetak Pembayaran SPP</title>

 <script type="text/javascript">
  function printDiv(divName) {
    var printContents = document.getElementById(divName).innerHTML;
    var originalContents = document.body.innerHTML;
    document.body.innerHTML = printContents;
    window.print();

    document.body.innerHTML = originalContents;
  }
  printDiv('printableArea');
 </script>

</head>

<body style="background: white">
 <a href="#" onclick="printDiv('printableArea');"> Print </a>

 <div id="printableArea">

  <td align="center">
  <h5 class="card-title" align="center">Data Pembayaran Per Kelas</span></h5>
  <h2 class="card-title" align="center">Kelas: <?php echo $kelas ?></span></h2>
  </td>
  <p>
  <table class="table table-bordered">
  <thead>
     <tr>
      <th scope="col">ID Pembayaran</th>
      <th scope="col">NIS </th>
      <th scope="col">Nama Siswa </th>
      <th scope="col">Kelas </th>
      <th scope="col">Tanggal Bayar </th>
      <th scope="col">Bulan Bayar</th>
      <th scope="col">Tahun Bayar</th>
      <th scope="col">SPP</th>
      <th scope="col">Nama Petugas</th>
     </tr>
    </thead>
```

```php
    <tbody>
     <?php
      $no = 1;
      foreach ($dataku as $row) {
     ?>
     <tr>
      <td><?php echo $no++; ?></td>
      <td><?php echo $row['nis'];?></td>
      <td><?php echo $row['nama'];?></td>
      <td><?php echo $row['kelas'];?></td>
      <td><?php echo $row['tgl_bayar'];?></td>
      <td><?php echo $row['bulan_bayar'];?></td>
      <td><?php echo $row['tahun_bayar'];?></td>
      <td><?php echo $row['spp'];?></td>
      <td><?php echo $row['nama_petugas'];?></td>
     </tr>
     <?php } ?>
    </tbody>
  </table>
 </div>
</body>

</html
```

MANAJEMEN USER

cpetugas.php

```php
<?php

ini_set('display_errors','Off');

include('function/fpetugas.php');
$fpetugas = new fpetugas();

if(isset($_GET['xaksi']))
{

  $status=$_GET['yaksi'];

  if($status=='1')
  {
      $dataku = $fpetugas->tampil_data();
      include "./view/vpetugas.php";
  }

  if($status=='2')
  {
      include "./view/vpetugas_add.php";
  }

  if($status=='3')    // simpan tambah data petugas
    {
        if (isset($_POST['simpan']))
        {
            $username=$_POST['username'];
            $passw=$_POST['passw'];
            $nama_petugas=$_POST['nama_petugas'];
            $level=$_POST['level'];

            $result=$fpetugas->input_data($username,$passw,$nama_petugas,$level);
            if($result)
              {
                  echo'<div class="alert alert-success">Data Berhasil ditambah</div>';
              }
            else
              {
                echo'<div class="alert alert-danger">Data gagal ditambah</div>';
              }
          echo '<meta http-equiv="refresh"  content="1;url=?aksi=Master&xaksi=Petugas&yaksi=1">';
        }
    }
```

```php
    if($status=='4')
        {
                $id_petugas=$_GET['id_petugas'];
                $result=$fpetugas->hapus_data($id_petugas);
                    if($result)
                        {
                            echo'<div class="alert alert-success">Data Berhasil dihapus</div>';
                        }
                    else
                        {
                          echo'<div class="alert alert-danger">Data gagal dihapus</div>';
                        }
                          echo '<meta http-equiv="refresh"  content="1;url=?aksi=Master&xaksi=Petugas&yaksi=1">';


        }


    if($status=='5')
    {
        $id_petugas=$_GET['id_petugas'];
        $dataku = $fpetugas->cari_data($id_petugas);
        include "./view/vpetugas_ubah.php";
    }

if($status=='6')   // ubah data petugas
    {
        if (isset($_POST['update']))
        {
                $id_petugas=$_POST['id_petugas'];
                $username=$_POST['username'];
                $passw=$_POST['passw'];
                $nama_petugas=$_POST['nama_petugas'];
                $level=$_POST['level'];

                $result=$fpetugas->ubah_data($id_petugas,$username,$passw,$nama_petugas,$level);
                if($result)
                    {
                        echo'<div class="alert alert-success">Data Berhasil diubah</div>';
                    }
                else
                    {
                      echo'<div class="alert alert-danger">Data gagal diubah</div>';
                    }
            echo '<meta http-equiv="refresh"  content="1;url=?aksi=Master&xaksi=Petugas&yaksi=1">';
        }
    }
}
?>
```

fpetugas.php

```php
<?php

include('database.php');

class fpetugas extends  database {

function tampil_data()
    {
        $sql = mysqli_query($this->koneksi,"select * from tbl_petugas");
        $number = mysqli_num_rows($sql);
        if ($number==0) {  echo "Data tidak ada...";
        //exit;
    }
        while($row = mysqli_fetch_array($sql,MYSQLI_ASSOC)){
            $hasil[] = $row;
    } |
        return $hasil;
    }


function input_data($username,$passw,$nama_petugas,$level){
$result = mysqli_query($this->koneksi,"insert into tbl_petugas (username,passw,nama_petugas,level) values ('$
    username',md5('$passw'),'$nama_petugas','$level')");
        if($result){
            return true;
        }else{
            return false;
        }
        $this->koneksi->close();
    }

function hapus_data($id_petugas){
        $result = mysqli_query($this->koneksi,"delete from tbl_petugas where id_petugas='$id_petugas'");
        if($result){
            return true;
        }else{
            return false;
        }
    }

function ubah_data($id_petugas,$username,$passw,$nama_petugas,$level){
$result = mysqli_query($this->koneksi,"update  tbl_petugas
    set  username='$username', passw=md5('$passw'), nama_petugas='$nama_petugas', level='$level'  where
        id_petugas='$id_petugas'");
        if($result){
            return true;
        }else{
            return false;
        }
        $this->koneksi->close();
    }


public function cari_data ($id_petugas){
        $sql = mysqli_query($this->koneksi,"select * from tbl_petugas where id_petugas='$id_petugas'");
        $number = mysqli_num_rows($sql);
        if ($number==0) {  echo "Data tidak ditemukan..."; exit; }
        while ($d = mysqli_fetch_array($sql,MYSQLI_ASSOC))
        {
            $result[] = $d;
        }
        return $result;
    } |
}
?>
```

vpetugas.php

```php
<div class="col-12">
   <div class="card recent-sales overflow-auto">
     <div class="card-body">


     <table width="100%" border="0" cellpadding="0" cellspacing="0">
        <tr>
          <td><h5 class="card-title">Data petugas</span></h5></td>
          <td><div align="right"><a href="./index.php?aksi=Master&xaksi=Petugas&yaksi=2" class="btn btn-success btn-sm"><span
class="glyphicon glyphicon-print"></span>Tambah</a></div></td>
        </tr>
     </table>

     <table class="table table-borderless datatable">
        <thead>
          <tr>
            <th scope="col">ID Petugas</th>
            <th scope="col">Username</th>
            <th scope="col">Password</th>
            <th scope="col">Nama Petugas</th>
            <th scope="col">Level</th>
          </tr>
        </thead>

        <tbody>
          <?php
          foreach($dataku as $row)
          {
          ?>

          <tr>
            <td><?php echo $row['id_petugas']; ?> </td>
            <td><?php echo $row['username']; ?> </td>
            <td><?php echo $row['passw']; ?> </td>
            <td><?php echo $row['nama_petugas']; ?> </td>
            <td><?php echo $row['level']; ?> </td>
            <td> <a href="./index.php?aksi=Master&xaksi=Petugas&yaksi=4&id_petugas=<?php echo  $row['id_petugas'];?>" class="text-
primary"><span id="btnConfirm"  class="bi bi-trash"></span></a>
             <td><a href="./index.php?aksi=Master&xaksi=Petugas&yaksi=5&id_petugas=<?php echo  $row['id_petugas'];?>" class="text-
primary"><span id="btnConfirm"  class="bi bi-eyedropper"></span></a>
             </td>
          </tr>

          <?php } ?>

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

vpetugas_add.php

```html
<div class="col-12">
  <div class="card recent-sales overflow-auto">
    <div class="card-body">
      <h5 class="card-title">Tambah Data petugas</h5>

      <form class="form-horizontal" action="./index.php?aksi=Master&xaksi=Petugas&yaksi=3" method="post" enctype="multipart/form-data">
        <div class="row mb-3">
          <label for="username" class="col-sm-2 col-form-label">Username</label>
          <div class="col-sm-10">
            <input type="text" class="form-control" name="username" id="username">
          </div>
        </div>
        <div class="row mb-3">
          <label for="passw" class="col-sm-2 col-form-label">Password</label>
          <div class="col-sm-10">
            <input type="password" class="form-control" name="passw" id="passw">
          </div>
        </div>
        <div class="row mb-3">
          <label for="nama_petugas" class="col-sm-2 col-form-label">Nama Petugas</label>
          <div class="col-sm-10">
            <input type="text" class="form-control" name="nama_petugas" id="nama_petugas">
          </div>
        </div>
        <div class="row mb-3">
          <label for="tingkat" class="col-sm-2 col-form-label">Level</label>
          <div class="col-sm-10">
            <select class="form-control" name="level" id="level">
              <option value="admin">admin</option>
              <option value="petugas">petugas</option>
            </select>
          </div>
        </div>

        <div class="text-center">
          <button type="submit" id="simpan" name="simpan" class="btn btn-primary">Simpan</button>
          <button type="reset" class="btn btn-secondary">Clear</button>
        </div>
      </form>
    </div>
  </div>
</div>
```

vpetugas_ubah.php

```
<div class="col-12">
  <div class="card recent-sales overflow-auto">
    <div class="card-body">
      <h5 class="card-title">Ubah Data petugas</h5>
      <form class="form-horizontal" action="./index.php?aksi=Master&xaksi=Petugas&yaksi=6" method="post" enctype="multipart/form-data">
        <?php
        foreach($dataku as $row)
        {
        ?>
        <div class="row mb-3">
          <label for="id_petugas" class="col-sm-2 col-form-label">ID petugas</label>
          <div class="col-sm-10">
            <input type="text" class="form-control" readonly="true" value="<?php echo $row['id_petugas']; ?>" name="id_petugas" id="id_petugas">
          </div>
        </div>

        <div class="row mb-3">
          <label for="username" class="col-sm-2 col-form-label">Username</label>
          <div class="col-sm-10">
            <input type="text" class="form-control" value="<?php echo $row['username']; ?>" name="username" id="username">
          </div>
        </div>

        <div class="row mb-3">
          <label for="passw" class="col-sm-2 col-form-label">Password</label>
          <div class="col-sm-10">
            <input type="password" class="form-control" value="<?php echo $row['passw']; ?>" name="passw" id="passw">
          </div>
        </div>
        <div class="row mb-3">
          <label for="nama_petugas" class="col-sm-2 col-form-label">Nama Petugas</label>
          <div class="col-sm-10">
            <input type="text" class="form-control" value="<?php echo $row['nama_petugas']; ?>" name="nama_petugas" id="nama_petugas">
          </div>
        </div>
        <div class="row mb-3">
          <label for="tingkat" class="col-sm-2 col-form-label">Level</label>
          <div class="col-sm-10">
            <select class="form-control" value="<?php echo $row['level']; ?>" name="level" id="level">
              <option value="admin">admin</option>
              <option value="petugas">petugas</option>
            </select>
          </div>
        </div>

        <?php } ?>

        <div class="text-center">
          <button type="submit" id="update" name="update" class="btn btn-primary">Update</button>
          <button type="reset" class="btn btn-secondary">Clear</button>
        </div>
      </form>
    </div>
  </div>
</div>
```

TAMBAHAN

cinformasi.php (didapat dari tengah.php)

```
<!-- Left side columns -->
<div class="col-lg-8">
 <div class="row">
   <!-- Reports -->
   <div class="col-12">
    <div class="card">

      <div class="filter">
       <a class="icon" href="#" data-bs-toggle="dropdown"><i class="bi bi-three-dots"></i></a>
       <ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow">
        <li class="dropdown-header text-start">
         <h6>Filter</h6>
        </li>

        <li><a class="dropdown-item" href="#">HARI INI</a></li>
        <li><a class="dropdown-item" href="#">BULAN INI</a></li>
        <li><a class="dropdown-item" href="#">TAHUN INI</a></li>
       </ul>
      </div>

      <div class="card-body">
       <h5 class="card-title">LAPORAN PENERIMAAN SPP <span>/HARI INI</span></h5>

       <!-- Line Chart -->
       <div id="reportsChart"></div>

       <script>
        document.addEventListener("DOMContentLoaded", () => {
         new ApexCharts(document.querySelector("#reportsChart"), {
          series: [{
           name: 'Kelas X',
           data: [31, 40, 28, 51, 42, 82, 56],
          }, {
           name: 'Kelas XI',
           data: [11, 32, 45, 32, 34, 52, 41]
          }, {
           name: 'Kelas XII',
           data: [15, 11, 32, 18, 9, 24, 11]
          }],
          chart: {
           height: 350,
           type: 'area',
           toolbar: {
            show: false
           },
          },
          markers: {
           size: 4
          },
          colors: ['#4154f1', '#2eca6a', '#ff771d'],
          fill: {
           type: "gradient",
           gradient: {
            shadeIntensity: 1,
            opacityFrom: 0.3,
            opacityTo: 0.4,
            stops: [0, 90, 100]
           }
          },
          dataLabels: {
           enabled: false
          },
          stroke: {
           curve: 'smooth',
```

```
          width: 2
        },
        xaxis: {
         type: 'string',
         categories: ["RPL", "TKJ", "FAR", "AKN", "TBG", "TBSM", "TKR"]
        },
        tooltip: {
         x: {
          format: 'dd/MM/yy HH:mm'
         },
        }
       }).render();
      });
     </script>
     <!-- End Line Chart -->

    </div>

   </div>
  </div><!-- End Reports -->
 </div>
</div><!-- End Left side columns -->
```