[SMS-1: Free School Management System Software Introduction in ASP.NET MVC](https://www.youtube.com/watch?v=v2jIzem7LQY&list=PLyYDGDUwrQY1KWVaCDA5WaIorweeqBK_n&index=1)

Projects

**Student Management System-(Playlist)**

Part1

WEB:------1-HTML,2-CSS

JAVASCRIPT-----1 JQUERY,ANGULARJS

TEMPLATE----BOOTSTRAP

**Framework/Tools:**

ASP.NET MVC

RAZOR

SQL SERVER

**Account & Permission**:

Admin

Students

And

Super Admin Panel

Students panel

**Master Setup:**

Batch Entry

Section Entry

Course Entry

Trimester Info Entry

**Student Profile:**

Student Basics Info

Student Essential info

Student Parents info

Edit Student info

**Result Manage:**

**Mark input Manage**

**Report Card**

**Batch Wise Marks**

**STUDENT NOTICE BOARD Dashboard for Super Admin**

**SMS2**

**Student Management System-(Playlist)**

**Database & Table analysys**

**Part 3 Create Database and Table in SQL**

**-- Create database**

**CREATE DATABASE dbStudentManagesystem;**

**GO**

**USE dbStudentManagesystem;**

**GO**

**-- Create tblBatch**

**CREATE TABLE tblBatch (**

**BatchId INT IDENTITY PRIMARY KEY,**

**BatchName NVARCHAR(MAX)**

**);**

**-- Create tblSection**

**CREATE TABLE tblSection (**

**SectionId INT IDENTITY PRIMARY KEY,**

**SectionName NVARCHAR(MAX),**

**BatchId INT,**

**FOREIGN KEY (BatchId) REFERENCES tblBatch(BatchId)**

**);**

**-- Create tblCourse**

**CREATE TABLE tblCourse (**

**CourseId INT IDENTITY PRIMARY KEY,**

**CourseName NVARCHAR(MAX),**

**BatchId INT,**

**SectionId INT,**

**FOREIGN KEY (BatchId) REFERENCES tblBatch(BatchId),**

**FOREIGN KEY (SectionId) REFERENCES tblSection(SectionId)**

**);**

**-- Create tblTrimesterinfo**

**CREATE TABLE tblTrimesterinfo (**

**TrimesterInfoId INT IDENTITY PRIMARY KEY,**

**TrimesterInfoName NVARCHAR(MAX)**

**);**

**-- Create tblStudent**

**CREATE TABLE tblStudent (**

**StudentId INT IDENTITY PRIMARY KEY,**

**StudentIdNo NVARCHAR(MAX),**

**BatchId INT,**

**SectionId INT,**

**DOB DATETIME,**

**Age DECIMAL(18,2),**

**Gender NVARCHAR(MAX),**

**Religion NVARCHAR(MAX),**

**Image NVARCHAR(MAX),**

**FatherName NVARCHAR(MAX),**

**MotherName NVARCHAR(MAX),**

**PresentAddress NVARCHAR(MAX),**

**PermanantAddress NVARCHAR(MAX),**

**AdmittedDate DATETIME,**

**Status BIT,**

**FOREIGN KEY (BatchId) REFERENCES tblBatch(BatchId),**

**FOREIGN KEY (SectionId) REFERENCES tblSection(SectionId)**

**);**

**-- Create tblStudentCourseOffer**

**CREATE TABLE tblStudentCourseOffer (**

**StudentCourseOfferId INT IDENTITY PRIMARY KEY,**

**CourseId INT,**

**TrimesterInfoId INT,**

**StudentId INT,**

**CourseOfferDate DATETIME,**

**FOREIGN KEY (CourseId) REFERENCES tblCourse(CourseId),**

**FOREIGN KEY (TrimesterInfoId) REFERENCES tblTrimesterinfo(TrimesterInfoId),**

**FOREIGN KEY (StudentId) REFERENCES tblStudent(StudentId)**

**);**

**-- Create tblStudentMarksEntry**

**CREATE TABLE tblStudentMarksEntry (**

**StudentMarksEntryId INT IDENTITY PRIMARY KEY,**

**CourseId INT,**

**TrimesterInfoId INT,**

**StudentId INT,**

**Marks DECIMAL(18,2),**

**MarksOutOf DECIMAL(18,2),**

**FOREIGN KEY (CourseId) REFERENCES tblCourse(CourseId),**

**FOREIGN KEY (TrimesterInfoId) REFERENCES tblTrimesterinfo(TrimesterInfoId),**

**FOREIGN KEY (StudentId) REFERENCES tblStudent(StudentId)**

**);**

**-- Create tblNoticeBoard**

**CREATE TABLE tblNoticeBoard (**

**NoticeBoardId INT IDENTITY PRIMARY KEY,**

**NoticeBoardSubject NVARCHAR(MAX),**

**Description NVARCHAR(MAX),**

**CreatedDate DATETIME**

**);**

**-- Create tblUser**

**CREATE TABLE tblUser (**

**UserId INT IDENTITY PRIMARY KEY,**

**UserName NVARCHAR(MAX),**

**LoginName NVARCHAR(MAX),**

**Password NVARCHAR(MAX),**

**UserType NVARCHAR(MAX)**

**);**

**Part 4 Admin dashboard template**

**Step 1 go to google search admin lte bootstrap download**

**FROM URL**

[Find out more about AdminLTE | SourceForge.net](https://sourceforge.net/projects/adminlte.mirror/postdownload)(download) and design Master page layout

Step 2-Now Open Visual studio 2022

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>@ViewBag.Title - My ASP.NET Application</title>

@\*@Styles.Render("~/Content/css")\*@

@Scripts.Render("~/bundles/modernizr")

<!-- Font Awesome -->

<link rel="stylesheet" href="plugins/fontawesome-free/css/all.min.css">

<!-- Ionicons -->

<link rel="stylesheet" href="https://code.ionicframework.com/ionicons/2.0.1/css/ionicons.min.css">

<!-- Tempusdominus Bootstrap 4 -->

<link rel="stylesheet" href="~/Content/plugins/tempusdominus-bootstrap-4/css/tempusdominus-bootstrap-4.min.css">

<!-- iCheck -->

<link rel="stylesheet" href="~/Content/plugins/icheck-bootstrap/icheck-bootstrap.min.css">

<!-- JQVMap -->

<link rel="stylesheet" href="~/Content/plugins/jqvmap/jqvmap.min.css">

<!-- Theme style -->

<link rel="stylesheet" href="~/Content/dist/css/adminlte.min.css">

<!-- overlayScrollbars -->

<link rel="stylesheet" href="~/Content/plugins/overlayScrollbars/css/OverlayScrollbars.min.css">

<!-- Daterange picker -->

<link rel="stylesheet" href="~/Content/plugins/daterangepicker/daterangepicker.css">

<!-- summernote -->

<link rel="stylesheet" href="~/Content/plugins/summernote/summernote-bs4.min.css">

</head>

<body class="hold-transition sidebar-mini layout-fixed">

<div class="wrapper">

<!-- Preloader -->

<div class="preloader flex-column justify-content-center align-items-center">

<img class="animation\_\_shake" src="dist/img/AdminLTELogo.png" alt="AdminLTELogo" height="60" width="60">

</div>

<!-- Navbar -->

<nav class="main-header navbar navbar-expand navbar-white navbar-light">

<!-- Left navbar links -->

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link" data-widget="pushmenu" href="#" role="button"><i class="fas fa-bars"></i></a>

</li>

<li class="nav-item d-none d-sm-inline-block">

<a href="index3.html" class="nav-link">Home</a>

</li>

<li class="nav-item d-none d-sm-inline-block">

<a href="#" class="nav-link">Contact</a>

</li>

</ul>

<ul class="navbar-nav ml-auto">

<li class="nav-item">

<form class="form-inline ml-3">

<div class="input-group input-group-sm">

<input class="form-control form-control-navbar" type="search" placeholder="Search" aria-label="Search">

<div class="input-group-append">

<button class="btn btn-navbar" type="submit">

<i class="fas fa-search"></i>

</button>

</div>

</div>

</form>

</li>

</ul>

<!-- Right navbar links -->

</nav>

<!-- /.navbar -->

<!-- Main Sidebar Container -->

<aside class="main-sidebar sidebar-dark-primary elevation-4">

<!-- Brand Logo -->

<a href="index3.html" class="brand-link">

<img src="dist/img/AdminLTELogo.png" alt="AdminLTE Logo" class="brand-image img-circle elevation-3" style="opacity: .8">

<span class="brand-text font-weight-light">AdminLTE 3</span>

</a>

<!-- Sidebar -->

<div class="sidebar">

<!-- Sidebar user panel (optional) -->

<div class="user-panel mt-3 pb-3 mb-3 d-flex">

<div class="image">

<img src="dist/img/user2-160x160.jpg" class="img-circle elevation-2" alt="User Image">

</div>

<div class="info">

<a href="#" class="d-block">Alexander Pierce</a>

</div>

</div>

<!-- SidebarSearch Form -->

<div class="form-inline">

<div class="input-group" data-widget="sidebar-search">

<input class="form-control form-control-sidebar" type="search" placeholder="Search" aria-label="Search">

<div class="input-group-append">

<button class="btn btn-sidebar">

<i class="fas fa-search fa-fw"></i>

</button>

</div>

</div>

</div>

<!-- Sidebar Menu -->

<nav class="mt-2">

<ul class="nav nav-pills nav-sidebar flex-column" data-widget="treeview" role="menu" data-accordion="false">

<!-- Add icons to the links using the .nav-icon class

with font-awesome or any other icon font library -->

<li class="nav-item menu-open">

<a href="#" class="nav-link active">

<i class="nav-icon fas fa-tachometer-alt"></i>

<p>

Dashboard

<i class="right fas fa-angle-left"></i>

</p>

</a>

<ul class="nav nav-treeview">

<li class="nav-item">

<a href="./index.html" class="nav-link active">

<i class="far fa-circle nav-icon"></i>

<p>Dashboard v1</p>

</a>

</li>

<li class="nav-item">

<a href="./index2.html" class="nav-link">

<i class="far fa-circle nav-icon"></i>

<p>Dashboard v2</p>

</a>

</li>

<li class="nav-item">

<a href="./index3.html" class="nav-link">

<i class="far fa-circle nav-icon"></i>

<p>Dashboard v3</p>

</a>

</li>

</ul>

</li>

</ul>

</nav>

@\*<li class="nav-item">

<a href="pages/widgets.html" class="nav-link">

<i class="nav-icon fas fa-th"></i>

<p>

Widgets

<span class="right badge badge-danger">New</span>

</p>

</a>

</li>\*@

@\*<li class="nav-item">

<a href="#" class="nav-link">

<i class="nav-icon fas fa-copy"></i>

<p>

Layout Options

<i class="fas fa-angle-left right"></i>

<span class="badge badge-info right">6</span>

</p>

</a>

<ul class="nav nav-treeview">

<li class="nav-item">

<a href="pages/layout/top-nav.html" class="nav-link">

<i class="far fa-circle nav-icon"></i>

<p>Top Navigation</p>

</a>

</li>

<li class="nav-item">

<a href="pages/layout/top-nav-sidebar.html" class="nav-link">

<i class="far fa-circle nav-icon"></i>

<p>Top Navigation + Sidebar</p>

</a>

</li>

<li class="nav-item">

<a href="pages/layout/boxed.html" class="nav-link">

<i class="far fa-circle nav-icon"></i>

<p>Boxed</p>

</a>

</li>

<li class="nav-item">

<a href="pages/layout/fixed-sidebar.html" class="nav-link">

<i class="far fa-circle nav-icon"></i>

<p>Fixed Sidebar</p>

</a>

</li>\*@

@\*<li class="nav-item">

<a href="pages/layout/fixed-sidebar-custom.html" class="nav-link">

<i class="far fa-circle nav-icon"></i>

<p>Fixed Sidebar <small>+ Custom Area</small></p>

</a>

</li>

<li class="nav-item">

<a href="pages/layout/fixed-topnav.html" class="nav-link">

<i class="far fa-circle nav-icon"></i>

<p>Fixed Navbar</p>

</a>

</li>

<li class="nav-item">

<a href="pages/layout/fixed-footer.html" class="nav-link">

<i class="far fa-circle nav-icon"></i>

<p>Fixed Footer</p>

</a>

</li>\*@

</aside>

</div>

<div class="content-wrapper">

<!-- Content Header (Page header) -->

<div class="content-header">

<div class="container-fluid">

<div class="row mb-2">

<div class="col-sm-6">

<h1 class="m-0">Dashboard</h1>

</div><!-- /.col -->

<div class="col-sm-6">

<ol class="breadcrumb float-sm-right">

<li class="breadcrumb-item"><a href="#">Home</a></li>

<li class="breadcrumb-item active">Dashboard v1</li>

</ol>

</div><!-- /.col -->

</div><!-- /.row -->

</div><!-- /.container-fluid -->

</div>

<!-- /.content-header -->

<!-- Main content -->

<section class="content">

<div class="container-fluid">

<!-- Small boxes (Stat box) -->

<div class="row">

@RenderBody()

</div>

</div>

</section>

@\*@Scripts.Render("~/bundles/jquery")

@Scripts.Render("~/bundles/bootstrap")\*@

@RenderSection("scripts", required: false)

<script src="~/Content/plugins/jquery/jquery.min.js"></script>

<!-- jQuery UI 1.11.4 -->

<script src="~/Content//jquery-ui/jquery-ui.min.js"></script>

<!-- Resolve conflict in jQuery UI tooltip with Bootstrap tooltip -->

<script>

$.widget.bridge('uibutton', $.ui.button)

</script>

<!-- Bootstrap 4 -->

<script src="~/Content/plugins/bootstrap/js/bootstrap.bundle.min.js"></script>

<!-- ChartJS -->

<script src="~/Content/plugins/chart.js/Chart.min.js"></script>

<!-- Sparkline -->

<script src="~/Content/plugins/sparklines/sparkline.js"></script>

<!-- JQVMap -->

<script src="~/Content/plugins/jqvmap/jquery.vmap.min.js"></script>

<script src="~/Content/plugins/jqvmap/maps/jquery.vmap.usa.js"></script>

<!-- jQuery Knob Chart -->

<script src="~/Content/plugins/jquery-knob/jquery.knob.min.js"></script>

<!-- daterangepicker -->

<script src="~/Content/plugins/moment/moment.min.js"></script>

<script src="~/Content/plugins/daterangepicker/daterangepicker.js"></script>

<!-- Tempusdominus Bootstrap 4 -->

<script src="~/Content/plugins/tempusdominus-bootstrap-4/js/tempusdominus-bootstrap-4.min.js"></script>

<!-- Summernote -->

<script src="~/Content/plugins/summernote/summernote-bs4.min.js"></script>

<!-- overlayScrollbars -->

<script src="~/Content/plugins/overlayScrollbars/js/jquery.overlayScrollbars.min.js"></script>

<!-- AdminLTE App -->

<script src="~/Content/dist/js/adminlte.js"></script>

<!-- AdminLTE for demo purposes -->

<script src="~/Content/dist/js/demo.js"></script>

<!-- AdminLTE dashboard demo (This is only for demo purposes) -->

<script src="~/Content/dist/js/pages/dashboard.js"></script>

</body>

</html>

SMS-Part 5-**Configure Angularjs in Asp.net MVC**

Step 1-View Folder Expand-Index.html

ViewBag.Title = "Home Page";

}

@\*//Part5//\*@

<div class="row">

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

<input type="text" ng-model="txtMessage" class="form-control" />

</div>

</div>

<div class="row">

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

<input type="button" ng-model="txtMessage" ng-click="showData()" class="btn btn-primary" />

</div>

</div>

<script src="~/Scripts/angular.min.js"></script>

After That add new Folder AngularController in script folder-Right Click Add new JavaScript File-TestAngularController.js

TestAngularController.js

var MyApp = angular.module("MyApp", []);

MyApp.controller("TestAngularController", function ($scope) {

$scope.showData = function () {

var mes = "";

mes = $scope.txtMessage;

alert(mes);

};

});

Index.cshtml

@{

ViewBag.Title = "Home Page";

}

@\*//Part5//\*@

<div ng-app="MyApp" ng-controller="TestAngularController">

<div class="row">

<div class="col-md-12">

<div class="form-group">

<input type="text" ng-model="txtMessage" class="form-control" />

</div>

</div>

</div>

<div class="row">

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

<input type="button" ng-click="showData()" class="btn btn-primary" value="Show Message" />

</div>

</div>

</div>

<script src="~/Scripts/angular.min.js"></script>

<script src="~/Scripts/AngularController/TestAngularController.js"></script>

Part6 Crud OPERATION Asp.net mvc with angularjs

Step1- first go to database expand-Table dbStudentManagesystem

DataBase diagram-right click-Add- close

Step 2-Add new controller-right click controller folder-Add new BatchController

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

namespace smsschoolmanagementAngularjsproject.Controllers

{

public class BatchController : Controller

{

// GET: Batch

public ActionResult Index()

{

return View();

}

public ActionResult AddNewInfo()

{

return View();

}

}

}

AddNewInfo.cshtml

@{

ViewBag.Title = "AddNewInfo";

}

<h2>AddNewInfo</h2>

<div ng-app="MyApp" ng-controller="BatchController">

<div class="content-wrapper">

<div class="content-header">

<div class="container-fluid">

<div class="row mb-2">

<div class="col-sm-6">

<h1 class="m-0 text-dark">Batch</h1>

</div>

@\*<div class="col-sm-6">

<ol class="breadcrumb float-sm-right">

<li class="breadcrumb-item"><a href="#">Home</a></li>

<li class="breadcrumb-item active">Dashboard v1</li>

</ol>

</div>\*@

</div>

</div>

</div>

<section class="content">

<div class="container-fluid">

<div class="row">

<div class="col-sm-12">

<div class="form-group">

<input type="text" ng-model="BatchDAO.BatchName" class="form-control" />

</div>

</div>

</div>

<div class="row">

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

<input type="button" ng-click="SaveData()" class="btn btn-primary" value="**{{**btnSaveText**}}**" />

</div>

</div>

</div>

</section>

</div>

</div>

<script src="~/Scripts/angular.min.js"></script>

<script src="~/Scripts/AngularController/BatchController.js"></script>After that Add class folder –DAL-right click –Add new class-BatchDAL

using System;

using System.Collections.Generic;

using System.Configuration;

using System.Data.SqlClient;

using System.Linq;

using System.Web;

namespace smsschoolmanagementAngularjsproject.DAL

{

public class BatchDAL

{

SqlConnection \_connection = new SqlConnection(ConfigurationManager.ConnectionStrings["MyConstr"].ConnectionString)

public void AddNewInfoDAL(BatchDAO batchDAO)

{

SqlCommand com = new SqlCommand(cmdText: "sp\_Insert\_Batch", \_connection);

com.CommandType = CommandType.StoredProcedure;

com.Parameters.AddWithValue(parameterName: "@BatchName", batchDAO.BatchName);

\_connection.Open();

com.ExecuteNonQuery();

\_connection.Close();

} }

}

After that BatchController

public JsonResult AddNewInfo(BatchDAO adoa)

{

string Mes = "";

try

{

batchDAL.AddNewInfoDAL(adoa);

Mes = "Operation is sucessfully";

}

catch (Exception ex)

{

Mes = "Operation failed";

}

return Json(Mes, JsonRequestBehavior.AllowGet);

}

}

<connectionstring>

<add name="MyConstr" connectionString="Server=DESKTOP-FCKA22E\SQLEXPRESS;Database=dbStudentManagesystem;Integrated Security=True;"

providerName="System.Data.SqlClient" />

</connectionstring>

//Part 7 how to load data from Database sing AngularjS Asp.net MVC

Step first open projects ListView.cshtml

@{

ViewBag.Title = "ListView";

}

<h2>List View Detail</h2>

<div ng-app="MyApp" ng-controller="BatchController">

<div class="content-wrapper">

<div class="content-header">

<div class="container-fluid">

<div class="row mb-2">

@\*<div class="col-sm-6">

<h1 class="m-0 text-dark"></h1>

</div>\*@

<div class="col-sm-6">

<ol class="breadcrumb float-sm-right">

<li class="breadcrumb-item"><a href="../Batch/ListView">Add new info</a></li>

</ol>

</div>

</div>

</div>

</div>

<section class="content">

<div class="container-fluid">

<div class="row">

<div class="col-sm-12">

<div class="table-responsive">

<table class="table table-bordered table-striped">

<thead class="thead-dark">

<tr>

<th>SL#</th>

<th>Batch Name</th>

<th>Edit</th>

<th>Delete</th>

</tr>

</thead>

<tbody>

<tr ng-repeat="d **in** BatchDAO">

<td>**{{**d.SL**}}**</td>

<td>**{{**d.BatchName**}}**</td>

<td><button class="btn btn-warning btn-sm" ng-click="EditData(d)">Edit</button></td>

<td><button class="btn btn-danger btn-sm" ng-click="DeleteData(d.SL)">Delete</button></td>

</tr>

</tbody>

</table>

</div>

</div>

</div>

</div>

</section>

</div>

</div>

<script src="~/Scripts/angular.min.js"></script>

<script src="~/Scripts/AngularController/BatchController.js"></script>

Layout.cstml

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>@ViewBag.Title - My ASP.NET Application</title>

@\*@Styles.Render("~/Content/css")\*@

@Scripts.Render("~/bundles/modernizr")

<!-- Font Awesome -->

<link rel="stylesheet" href="plugins/fontawesome-free/css/all.min.css">

<!-- Ionicons -->

<link rel="stylesheet" href="https://code.ionicframework.com/ionicons/2.0.1/css/ionicons.min.css">

<!-- Tempusdominus Bootstrap 4 -->

<link rel="stylesheet" href="~/Content/plugins/tempusdominus-bootstrap-4/css/tempusdominus-bootstrap-4.min.css">

<!-- iCheck -->

<link rel="stylesheet" href="~/Content/plugins/icheck-bootstrap/icheck-bootstrap.min.css">

<!-- JQVMap -->

<link rel="stylesheet" href="~/Content/plugins/jqvmap/jqvmap.min.css">

<!-- Theme style -->

<link rel="stylesheet" href="~/Content/dist/css/adminlte.min.css">

<!-- overlayScrollbars -->

<link rel="stylesheet" href="~/Content/plugins/overlayScrollbars/css/OverlayScrollbars.min.css">

<!-- Daterange picker -->

<link rel="stylesheet" href="~/Content/plugins/daterangepicker/daterangepicker.css">

<!-- summernote -->

<link rel="stylesheet" href="~/Content/plugins/summernote/summernote-bs4.min.css">

</head>

<body class="hold-transition sidebar-mini layout-fixed">

<div class="wrapper">

<!-- Preloader -->

<div class="preloader flex-column justify-content-center align-items-center">

<img class="animation\_\_shake" src="dist/img/AdminLTELogo.png" alt="AdminLTELogo" height="60" width="60">

</div>

<!-- Navbar -->

<nav class="main-header navbar navbar-expand navbar-white navbar-light">

<!-- Left navbar links -->

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link" data-widget="pushmenu" href="#" role="button"><i class="fas fa-bars"></i></a>

</li>

<li class="nav-item d-none d-sm-inline-block">

<a href="index3.html" class="nav-link">Home</a>

</li>

<li class="nav-item d-none d-sm-inline-block">

<a href="#" class="nav-link">Contact</a>

</li>

</ul>

<ul class="navbar-nav ml-auto">

<li class="nav-item">

<form class="form-inline ml-3">

<div class="input-group input-group-sm">

<input class="form-control form-control-navbar" type="search" placeholder="Search" aria-label="Search">

<div class="input-group-append">

<button class="btn btn-navbar" type="submit">

<i class="fas fa-search"></i>

</button>

</div>

</div>

</form>

</li>

</ul>

<!-- Right navbar links -->

</nav>

<!-- /.navbar -->

<!-- Main Sidebar Container -->

<aside class="main-sidebar sidebar-dark-primary elevation-4">

<!-- Brand Logo -->

<a href="index3.html" class="brand-link">

<img src="dist/img/AdminLTELogo.png" alt="AdminLTE Logo" class="brand-image img-circle elevation-3" style="opacity: .8">

<span class="brand-text font-weight-light">AdminLTE 3</span>

</a>

<!-- Sidebar -->

<div class="sidebar">

<!-- Sidebar user panel (optional) -->

<div class="user-panel mt-3 pb-3 mb-3 d-flex">

<div class="image">

<img src="dist/img/user2-160x160.jpg" class="img-circle elevation-2" alt="User Image">

</div>

<div class="info">

<a href="#" class="d-block">Alexander Pierce</a>

</div>

</div>

<!-- SidebarSearch Form -->

<div class="form-inline">

<div class="input-group" data-widget="sidebar-search">

<input class="form-control form-control-sidebar" type="search" placeholder="Search" aria-label="Search">

<div class="input-group-append">

<button class="btn btn-sidebar">

<i class="fas fa-search fa-fw"></i>

</button>

</div>

</div>

</div>

<!-- Sidebar Menu -->

<nav class="mt-2">

<ul class="nav nav-pills nav-sidebar flex-column" data-widget="treeview" role="menu" data-accordion="false">

<!-- Add icons to the links using the .nav-icon class

with font-awesome or any other icon font library -->

<li class="nav-item menu-open">

<a href="#" class="nav-link active">

<i class="nav-icon fas fa-tachometer-alt"></i>

<p>

Master Setup

<i class="right fas fa-angle-left"></i>

</p>

</a>

<ul class="nav nav-treeview">

<li class="nav-item">

<a href="./Batch/ListView" class="nav-link active">

<i class="far fa-circle nav-icon"></i>

<p>Batch Name</p>

</a>

</li>

</ul>

</li>

</ul>

</nav>

</aside>

</div>

<div class="content-wrapper">

<!-- Content Header (Page header) -->

<div class="content-header">

<div class="container-fluid">

<div class="row mb-2">

<div class="col-sm-6">

<h1 class="m-0">Dashboard</h1>

</div><!-- /.col -->

<div class="col-sm-6">

@\*<ol class="breadcrumb float-sm-right">

<li class="breadcrumb-item"><a href="#">Home</a></li>

<li class="breadcrumb-item active">Dashboard v1</li>

</ol>\*@

</div><!-- /.col -->

</div><!-- /.row -->

</div><!-- /.container-fluid -->

</div>

<!-- /.content-header -->

<!-- Main content -->

<section class="content">

<div class="container-fluid">

<!-- Small boxes (Stat box) -->

<div class="row">

@RenderBody()

</div>

</div>

</section>

@\*@Scripts.Render("~/bundles/jquery")

@Scripts.Render("~/bundles/bootstrap")\*@

@RenderSection("scripts", required: false)

<script src="~/Content/plugins/jquery/jquery.min.js"></script>

<!-- jQuery UI 1.11.4 -->

<script src="~/Content//jquery-ui/jquery-ui.min.js"></script>

<!-- Resolve conflict in jQuery UI tooltip with Bootstrap tooltip -->

<script>

$.widget.bridge('uibutton', $.ui.button)

</script>

<!-- Bootstrap 4 -->

<script src="~/Content/plugins/bootstrap/js/bootstrap.bundle.min.js"></script>

<!-- ChartJS -->

<script src="~/Content/plugins/chart.js/Chart.min.js"></script>

<!-- Sparkline -->

<script src="~/Content/plugins/sparklines/sparkline.js"></script>

<!-- JQVMap -->

<script src="~/Content/plugins/jqvmap/jquery.vmap.min.js"></script>

<script src="~/Content/plugins/jqvmap/maps/jquery.vmap.usa.js"></script>

<!-- jQuery Knob Chart -->

<script src="~/Content/plugins/jquery-knob/jquery.knob.min.js"></script>

<!-- daterangepicker -->

<script src="~/Content/plugins/moment/moment.min.js"></script>

<script src="~/Content/plugins/daterangepicker/daterangepicker.js"></script>

<!-- Tempusdominus Bootstrap 4 -->

<script src="~/Content/plugins/tempusdominus-bootstrap-4/js/tempusdominus-bootstrap-4.min.js"></script>

<!-- Summernote -->

<script src="~/Content/plugins/summernote/summernote-bs4.min.js"></script>

<!-- overlayScrollbars -->

<script src="~/Content/plugins/overlayScrollbars/js/jquery.overlayScrollbars.min.js"></script>

<!-- AdminLTE App -->

<script src="~/Content/dist/js/adminlte.js"></script>

<!-- AdminLTE for demo purposes -->

<script src="~/Content/dist/js/demo.js"></script>

<!-- AdminLTE dashboard demo (This is only for demo purposes) -->

<script src="~/Content/dist/js/pages/dashboard.js"></script>

</body>

</html>

//Part 8 Crud create Retrive Edit Delete using Angularjs ASP.NET MVC//

public JsonResult GetDataById(int Masterid)

{

try

{

DataSet ds = batchDAL.LoadDataByMasterIdDOA(Masterid);

List<BatchDAO> list = new List<BatchDAO>();

foreach (DataRow dr in ds.Tables[0].Rows)

{

list.Add(new BatchDAO

{

BatchId = Convert.ToInt32(dr["BatchId"]),

//SL = dr["SL"].ToString(),

BatchName = dr["BatchName"].ToString(),

});

}

return Json(list, JsonRequestBehavior.AllowGet);

}

catch (Exception ex)

{

throw;

}

}

AddNewInfo.cshtml

@{

ViewBag.Title = "AddNewInfo";

}

<h2 class="text-center mb-4">Add New Batch</h2>

<div ng-app="MyApp" ng-controller="BatchController"

data-ng-init='GetOneRecord(@Convert.ToInt32(Request.QueryString["MasterId"]))'>

<div class="content-wrapper">

<section class="content">

<div class="container-fluid">

<!-- Breadcrumb -->

<div class="row mb-3">

<div class="col-sm-6">

<a href="../Batch/ListView" class="btn btn-outline-primary breadcrumb float-sm-right">Batch List</a>

</div>

</div>

<!-- Form Card -->

<div class="card shadow p-4">

<div class="form-group">

<label for="batchName">Batch Name</label>

<input type="text" id="batchName" ng-model="BatchDAO.BatchName" class="form-control border-primary" placeholder="Enter batch name" />

</div>

<div class="text-right mt-3">

<input type="button" ng-click="SaveData()" class="btn btn-success" value="**{{**btnSaveText**}}**" />

</div>

</div>

</div>

</section>

</div>

</div>

<script src="~/Scripts/angular.min.js"></script>

<script src="~/Scripts/AngularController/BatchController.js"></script>

public ActionResult AddNewInfo(int? MasterId)

{

return View();

}

// part 9 insert section data using Asp.net MVC AngularJS//

Step 1 Create NEW Controoler Section

public class SectionController : Controller

{

// GET: Section

public ActionResult SectionList()==Create View

{

return View();

}

public ActionResult SectionData\_Save()== Create View

{

return View();

}

public JsonResult LoadDataDOA( )

{

try

{

DataSet ds = SectionDAL.AddSectionInfoData();

List<SectionDAO> list = new List<SectionDAO>();

foreach (DataRow dr in ds.Tables[0].Rows)

{

list.Add(new SectionDAO

{

BatchId = Convert.ToInt32(dr["BatchId"]),

BatchName = dr["BatchName"].ToString(),

});

}

return Json(list, JsonRequestBehavior.AllowGet);

}

catch (Exception ex)

{

throw;

}

}

}

@{

ViewBag.Title = "SectionList";

}

<h2>SectionList</h2>

@{

ViewBag.Title = "SectionData\_Save";

}

@\*data-ng-init='GetOneRecord(@Convert.ToInt32(Request.QueryString["MasterId"]))'\*@

<div ng-app="MyApp" ng-controller="SectionController">

<div class="content-wrapper">

<div class="content-header">

<div class="container-fluid">

<div class="row mb-2">

<div class="col-sm-6">

<h1 class="m-0 text-dark">Add New Section</h1>

</div>

<div class="col-sm-12">

<ol class="breadcrumb float-sm-right">

<li class="breadcrumb-item"><a href="../Section/SectionList">Section List Data</a></li>

</ol>

</div>

</div>

</div>

</div>

<section class="content">

<div class="container-fluid">

<div class="row">

<div class="col-md-12">

<div class="form-group">

<label>Batch Name</label>

<select class="form-control">

<option ng-repeat="e **in** SectionDAO" value="**{{**e.BatchId**}}**">**{{**e.BatchName**}}**</option>

</select>

</div>

</div>

</div>

<div class="row">

<div class="col-md-12">

<div class="form-group">

<label>Section Name</label>

<input type="text" ng-model="SectionDAO.SectionName" class="form-control border-primary" placeholder="Enter batch name" />

</div>

</div>

</div>

</div>

<div class="row">

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

<input type="button" ng-click="SaveData()" class="btn btn-success" value="**{{**btnSaveText**}}**" />

</div>

</div>

</section>

</div>

</div>

<script src="~/Scripts/angular.min.js"></script>

<script src="~/Scripts/AngularController/SectionController.js"></script>

DAL FOLDER

public class SectionDAL

{

SqlConnection \_connection = new SqlConnection(ConfigurationManager.ConnectionStrings["MyConstr"].ConnectionString);

public DataSet AddSectionInfoData()

{

SqlCommand command = new SqlCommand("Sp\_LoadAllData\_Section", \_connection);

command.CommandType = CommandType.StoredProcedure;

SqlDataAdapter adapter = new SqlDataAdapter(command);

DataSet dataSet = new DataSet();

adapter.Fill(dataSet);

return dataSet;

}

}

DAO

public class SectionDAO

{

public int SectionId { get; set; }

public string SectionName { get; set; }

public string BatchName { get; set; }

public int BatchId { get; set; }

}

using smsschoolmanagementAngularjsproject.DAO;

using System;

using System.Collections.Generic;

using System.Configuration;

using System.Data;

using System.Data.SqlClient;

using System.Linq;

using System.Web;

namespace smsschoolmanagementAngularjsproject.DAL

{

public class SectionDAL

{

SqlConnection \_connection = new SqlConnection(ConfigurationManager.ConnectionStrings["MyConstr"].ConnectionString);

public void AddNewsectionInfoDAL(SectionDAO sectionDAO)

{

SqlCommand com = new SqlCommand("sp\_Insert\_Section", \_connection);

com.CommandType = CommandType.StoredProcedure;

com.Parameters.AddWithValue("@SectionName", sectionDAO.SectionName);

com.Parameters.AddWithValue("@BatchId", sectionDAO.BatchId);

\_connection.Open();

com.ExecuteNonQuery();

\_connection.Close();

}

public DataSet AddSectionInfoData()

{

SqlCommand command = new SqlCommand("Sp\_LoadAllData\_Section", \_connection);

command.CommandType = CommandType.StoredProcedure;

SqlDataAdapter adapter = new SqlDataAdapter(command);

DataSet dataSet = new DataSet();

adapter.Fill(dataSet);

return dataSet;

}

}

}

}

var app = angular.module("MyApp", []);

app.controller("SectionController", function ($scope, $http) {

$scope.btnSaveText = "Save";

$scope.SectionDAO = {};

// Load dropdown batch list or initial data

$http.get("/Section/LoadDataDOA").then(function (d) {

$scope.SectionDAO = d.data; // Assuming batch list

}, function () {

alert("Failed to load batch data.");

});

// Save section data

$scope.SaveData = function () {

if ($scope.btnSaveText === "Save") {

$scope.btnSaveText = "Saving...";

console.log($scope.SectionDAO); // ✅ debug value before sending

$http({

method: "POST",

url: '/Section/SectionData\_Save',

data: $scope.SectionDAO

}).then(function (response) {

alert(response.data);

$scope.SectionDAO = {};

$scope.btnSaveText = "Save";

}, function () {

alert("Failed to save data.");

$scope.btnSaveText = "Save";

});

}

};

});

using smsschoolmanagementAngularjsproject.DAL;

using smsschoolmanagementAngularjsproject.DAO;

using System;

using System.Collections.Generic;

using System.Data;

using System.Linq;

using System.Web;

using System.Web.Mvc;

namespace smsschoolmanagementAngularjsproject.Controllers

{

public class SectionController : Controller

{

// GET: Section

SectionDAL SectionDAL=new SectionDAL();

public ActionResult SectionList()

{

return View();

}

public ActionResult SectionData\_Save()

{

return View();

}

public JsonResult LoadDataDOA( )

{

try

{

DataSet ds = SectionDAL.AddSectionInfoData();

List<SectionDAO> list = new List<SectionDAO>();

foreach (DataRow dr in ds.Tables[0].Rows)

{

list.Add(new SectionDAO

{

BatchId = Convert.ToInt32(dr["BatchId"]),

BatchName = dr["BatchName"].ToString(),

});

}

return Json(list, JsonRequestBehavior.AllowGet);

}

catch (Exception ex)

{

throw;

}

}

public JsonResult SectionData\_Save(SectionDAO adoa)

{

string Mes = "";

try

{

SectionDAL.AddNewsectionInfoDAL(adoa);

Mes = "Operation is sucessfully";

}

catch (Exception ex)

{

Mes = "Operation failed";

}

return Json(Mes, JsonRequestBehavior.AllowGet);

}

}

}

Part 10 edit and delete information using Angularjs/Asp.net MVC