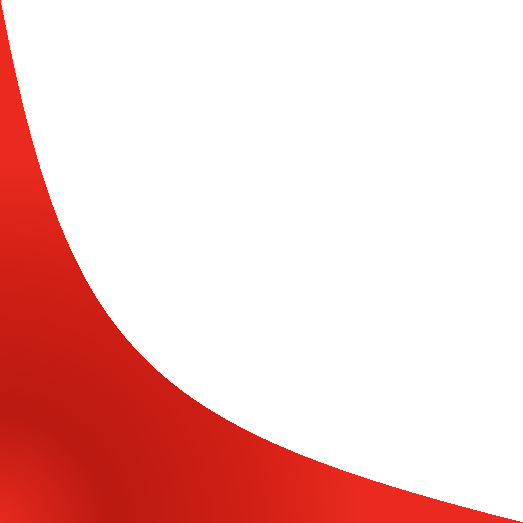


# Alpha Dev Spartans

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# Final Code

Advanced Software Engineering

# - Dr. Reshmi Mitra, Ph.D.

Assignment Due Date June 16th , 2023

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**Final Code**

# School Management System

School Management System (SMS) - SaaS based application

This School Management System (SMS) is an Open Source project. It is a complete web based portal application to manage all school related activities. It has features to automate all the process and functions of any school. It is Easy to use.

# Technologies:

Front-end: HTML, CSS, Javascript, JQuery, AJAX Server-side: PHP CodeIgniter Framework Database: MySQL

# Modules :

* Login Module
* Student Module
* Staff Module
* Admission Module
* Attendance Module
* Fees Module
* Examination Module
* Library Module
* Books Module
* Hostel Module
* Admin Module
* Expenditure Module
* Reports Module

School management system built using PHP and MySQL:

Popular computer language PHP/JavaScript is used to create dynamic online applications, such as school management systems.

A relational database management system called MySQL is employed by a school management system to store and manage data.

* CRUD operations, which let users interact with data in a database, stand for Create, Read, Update, and Delete actions.
* Session management is the process of controlling user sessions, which includes session timeouts, authentication, and authorization.
* Data validation is the process of confirming the validity, accuracy, and consistency of data entered into a school administration system.
* The process of making a school administration system more search engine-friendly, including the use of keywords, meta descriptions, and other techniques.
* A design strategy known as responsive design makes ensuring that a school administration system is designed for use on a variety of platforms, including as desktop computers, tablets, and smartphones.
* Scalability: A school management system's capacity to accommodate growing traffic and data volumes as the school expands.
* The practice of backing up data from the school management system and making sure it can be recovered in the event of data loss or system failure.

Source-Code:

Index.php:

<?php ob\_start(); include('class/School.php'); if(!empty($\_SESSION["adminUserid"])) { header("location: dashboard.php");

}

$school = new School();

$errorMessage = $school->adminLogin(); include('inc/header.php');

?>

<title>School Management System</title>

<?php include('include\_files.php');?>

<?php include('inc/container.php');?>

<div class="container">

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

<div class="panel panel-info">

<div class="panel-heading" style="background:#000;color:white;">

<div class="panel-title">Admin Login</div>

</div>

<div style="padding-top:30px" class="panel-body" >

<?php if ($errorMessage != '') { ?>

<div id="login-alert" class="alert alert-danger col-sm-

12"><?php echo $errorMessage; ?></div> <?php } ?>

<form id="loginform" class="form-horizontal" role="form" method="POST" action="">

<div style="margin-bottom: 25px" class="input-group"> <span class="input-group-addon"><i class="glyphicon glyphicon-user"></i></span>

<input type="text" class="form-control" id="email" name="email" placeholder="email" required>

</div>

<div style="margin-bottom: 25px" class="input-group"> <span class="input-group-addon"><i class="glyphicon glyphicon-lock"></i></span>

<input type="password" class="form-control" id="password" name="password" placeholder="password" required>

</div>

<div style="margin-top:10px" class="formgroup">

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

<input type="submit" name="login" value="Login" class="btn btn-success">

</div>

</div>

<div style="margin-top:10px" class="formgroup">

<div class="col-sm-12 controls"> Admin: [eediga@sms.com](mailto:eediga@sms.com)<br> password:123 <br><br>

</div>

</div>

</form>

</div>

</div>

</div>

</div>

<?php include('inc/footer.php');?>

Logout.php:

<?php session\_start(); unset($\_SESSION['adminUserid']); unset($\_SESSION['admin']); header("Location:index.php"); ?>

SQL connect:

<?php

// Opens a connection to the database

// Since it is a php file it won't open in a browser

// It should be saved outside of the main web documents folder

// and imported when needed

// Defined as constants so that they can't be changed DEFINE ('DB\_HOST', 'localhost');

DEFINE ('DB\_USER', 'root');

DEFINE ('DB\_PASSWORD', '');

DEFINE ('DB\_NAME', 'school\_management\_system');

// $dbc will contain a resource link to the database

// @ keeps the error from showing in the browser

$dbc = @mysqli\_connect(DB\_HOST, DB\_USER, DB\_PASSWORD, DB\_NAME) OR die('Could not connect to MySQL: ' . mysqli\_connect\_error());

?>