

**A Project Report
on
SCHOOL MANAGEMENT SYSTEM**

**submitted in partial fulfillment of the requirements for the award of the degree
of
BACHELOR OF TECHNOLOGY
in
COMPUTER SCIENCE AND ENGINEERING**

by

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**Department of Computer Science and Engineering
BVRIT HYDERABAD
College of Engineering for Women
(NBA Accredited – EEE, ECE, CSE and IT)
(Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad)
Bachupally, Hyderabad – 500090**

May, 2021

DECLARATION

We hereby declare that the work presented in this project entitled “**SCHOOL MANAGEMENT SYSTEM**” submitted towards completion of Project Work in IV year of B.Tech., CSE at ‘BVRIT HYDERABAD College of Engineering For Women’, Hyderabad is an authentic record of our original work carried out under the guidance of Ms Suparna Das, Assistant Professor, Department of CSE.

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Department of Computer Science and Engineering



Certificate

This is to certify that the Project Work report on “**SCHOOL MANAGEMENT SYSTEM**” is a bonafide work carried out by Ms. K.SIRI SATWIKHA (17WH1A05B3) ; Ms. A.SRI NITHYA (17WH1A0578) ; Ms. S.SAHARSHA (17WH1A0572) in the partial fulfillment for the award of B.Tech. degree in **Computer Science and Engineering, BVRIT HYDERABAD College of Engineering for Women, Bachupally, Hyderabad**, affiliated to Jawaharlal Nehru Technological University Hyderabad, Hyderabad under my guidance and supervision.

The results embodied in the project work have not been submitted to any other University or Institute for the award of any degree or diploma.

Head of the Department
Dr. K.Srinivasa Reddy
Professor and HOD,
Department of CSE

Guide
Ms Suparna Das
Assistant Professor

External Examiner

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Finally, we would also like to thank our Project Coordinator, all the faculty and staff of **CSE Department** who helped us directly or indirectly, parents and friends for their cooperation in completing the project work.

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ABSTRACT

Education plays a great role in the development of any country. Many education organizations try to increase education quality. One of the aspects of this improvement is managing school resources.

This project contains the admin, teacher, parent and student side. Admin can manage students, Fees, teachers, classes, subjects, academic calendars. Teachers' role is to mark attendance, upload the marks, worksheets, teaching content, class recordings and give feedback of students to their parents. Student role is to view their marks, attendance, view teaching content, academic calendar, and write blogs. Parent role is to view their child's performance, give feedback about the school, and view the child fee structure.

School management system is a web enabled application developed in PHP and a powerful MYSQL database backend. To implement a School management system application, it does not need expensive hardware and software, they just need an internet connection and desktops. Our system works as a centralized database and application that schools can easily access the system from anywhere based on the login credentials.

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1. INTRODUCTION

Our Project is a major tool through which we will be able to manage the process by making a continuous communication between headmaster, teacher, parents and student. So in order to achieve that goal, we need a Website that covers the needs of all users at the same time. For Students, they can view their subject's grades, contact the headmaster and teachers for any complaint, recommendation or an absence permission. For Teachers, they can add student's grades or edit it for their own subjects only, and they have a direct connection with students and their parents. For Parents, they have an access for their wards grades without any possibility to edit on it, and they can directly contact teachers and headmasters. All the system users can publish whatever they need within the educational process on the last updates section, and these posts are visible for all the users.

1.1 Objectives

To build a responsive website to manage the different student activities to track student's grades from their parents. To facilitate the distribution process of courses and classes for teachers. To facilitate the grades entry process for students by teachers. To make a virtual community between the members of the educational process.

1.2 Organization of Project

We had four modules in our project.

- Admin
- Teacher
- Student
- Parent

2. THEORETICAL ANALYSIS OF THE PROPOSED PROJECT

2.1 Requirements Gathering

2.1.1 Software Requirements

Operating system : Windows 10
Server side scripting tool : PHP
Client side scripting tool : Html, JavaScript, CSS
Server : XAMPP
Database connection : Mysql
Web browser : Google chrome

2.1.2 Hardware Requirements

Processor : Intel Core i5 @ 1.60 GHz
Memory : 8 GB (RAM)
Hard disk : 240 GB

2.2 Technologies Description

PHP

Is an open source server-side language which is used for creating dynamic web pages. It can be embedded into HTML. PHP is usually used in conjunction with a MySQL database on Linux/UNIX web servers. It is probably the most popular scripting language. And it is a widely-used general-purpose scripting language and interpreter that is freely available. A full explanation of all the PHP tags.

Features of PHP:-

- Open source and free to download and use.
- Used to create dynamic web pages.
- Freedom to choose any operating system and a web server.

Not constrained to output only HTML. PHP's abilities include outputting images, PDF files etc. Support for a wide range of databases. Eg: dBase, MySQL, Oracle etc
Support for talking to other services using protocols such as IMAP, POP3, HTTP.

HTML

HTML stands for Hypertext Markup Language, and it is the most widely used language to write Web Pages.

- Hypertext refers to the way in which Web pages (HTML documents) are linked together. Thus, the link available on a webpage is called Hypertext.
- As its name suggests, HTML is a Markup Language which means you use HTML to simple "mark-up" a text document with tags that tell a Web browser how to structure it to display.

Originally, HTML was developed with the intent of defining the structure of documents like headings, paragraphs, lists, and so forth to facilitate the sharing of scientific information between researchers.

Now, HTML is being widely used to format web pages with the help of different tags available in HTML language.

CSS

Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable.

CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs, and variations in display for different devices and screen sizes as well as a variety of other effects.

CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML or XHTML.

JavaScript

JavaScript is a dynamic computer programming language. It is lightweight and most commonly used as a part of web pages, whose implementations allow client-side script to interact with the user and make dynamic pages. It is an interpreted programming language with object-oriented capabilities.

JavaScript was first known as LiveScript, but Netscape changed its name to JavaScript, possibly because of the excitement being generated by Java. JavaScript made its first appearance in Netscape 2.0 in 1995 with the name LiveScript. The general-purpose core of the language has been embedded in Netscape, Internet Explorer, and other web browsers.

The ECMA-262 Specification defined a standard version of the core JavaScript language.

- JavaScript is a lightweight, interpreted programming language.
- Designed for creating network-centric applications.
- Complementary to and integrated with Java.
- Complementary to and integrated with HTML.
- Open and cross-platform.

XAMPP SERVER

XAMPP stands for Cross-Platform (X), Apache (A), MySQL (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing purposes. Everything you need to set up a web server server application(Apache), database (MySQL), and scripting language (PHP) is included in a simple extractable file.XAMPP is also cross-platform, which means it works equally well on Linux, Mac and Windows.Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server is extremely easy as well.

Web development using XAMPP is especially beginner friendly. XAMPP is a small and light Apache distribution containing the most common web development technologies in a single package.

MYSQL

MySQL is the most popular open source database server. With MySQL, we can query a database for specific information and have a recordset returned. A database defines a structure for storing information. MySQL is ideal for both small and large applications. It supports standard SQL. MySQL compiles on a number of platforms. It is free to download and use. PHP combined with MySQL are cross-platform (means that you can develop in Windows and serve on a Unix platform). MySQL is a relational database system. It can store bits of information in separate tables and link those tables together. Each table consists of separate fields, which represent each bit of information.

SQL

Structured Query Language (SQL) is a standard computer language for relational database management and data manipulation. SQL is used to query, insert, update and modify data. Most relational databases support SQL, which is an added benefit for database administrators (DBAs), as they are often required to support databases across several different platforms. SQL code is divided into four main categories:

- Queries are performed using the ubiquitous yet familiar SELECT statement, which is further divided into clauses, including SELECT, FROM, WHERE and ORDER BY.
- Data Manipulation Language (DML) is used to add, update or delete data and is actually a SELECT statement subset and is comprised of the INSERT, DELETE and UPDATE statements, as well as control statements, e.g., BEGIN TRANSACTION, SAVEPOINT, COMMIT and ROLLBACK.
- Data Definition Language (DDL) is used for managing tables and index structures. Examples Of DDL statements include CREATE, ALTER, TRUNCATE and DROP.
- Data Control Language (DCL) is used to assign and revoke database rights and permissions. Its main statements are GRANT and REVOKE

3. DESIGN

3.1 Introduction

Software design sits at the technical kernel of the software engineering process and is applied regardless of the development paradigm and area of application. Design is the first step in the development phase for any engineered product or system. The designer's goal is to produce a model or representation of an entity that will later be built. Beginning, once system requirements have been specified and analyzed, system design is the first of the three technical activities -design, code and test that is required to build and verify software.

The importance can be stated with a single word "Quality". Design is the place where quality is fostered in software development. Design provides us with representations of software that can assess quality. Design is the only way that we can accurately translate a customer's view into a finished software product or system. Software design serves as a foundation for all the software engineering steps that follow. Without a strong design we risk building an unstable system – one that will be difficult to test, one whose quality cannot be assessed until the last stage.

During design, progressive refinement of data structure, program structure, and procedural details are developed, reviewed and documented. System design can be viewed from either technical or project management perspective. From the technical point of view, design is comprised of four activities – architectural design, data structure design, interface design and procedural design.

3.2 Architecture Diagram:

Architecture diagram is a graphical representation of a set of concepts that are part of an architecture, including their principles, elements and components..

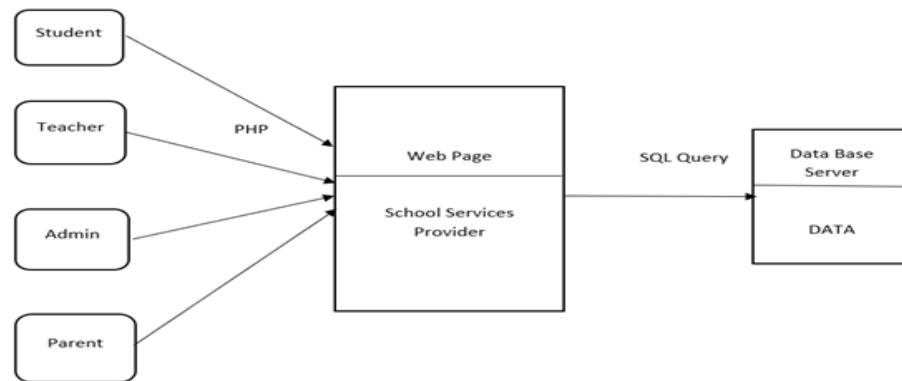


Figure 1. Architecture Diagram

3.3 UML Diagrams

UML, short for Unified Modeling Language, is a standardized modeling language consisting of an integrated set of diagrams, developed to help system and software developers for specifying, visualizing, constructing, and documenting the artifacts of software systems, as well as for business modeling and other non-software systems. For example use case diagrams, activity diagrams, ER diagrams, Sequence diagrams, class diagrams etc.

3.3.1 Use Case Diagram

Use case diagrams consist of actors, use cases and their relationships. The diagram is used to model the system/subsystem of an application. A single use case diagram captures a particular functionality of a system.

Use case diagram of Admin

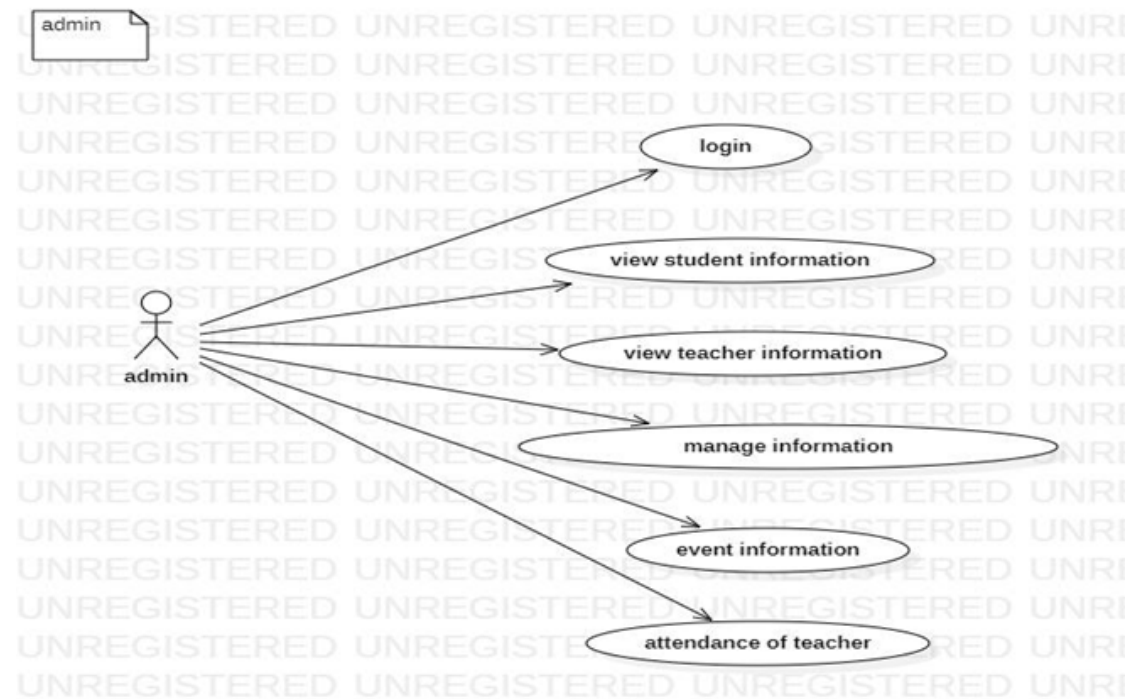


Figure 2. Use case diagram of Admin

Use case diagram of Teacher

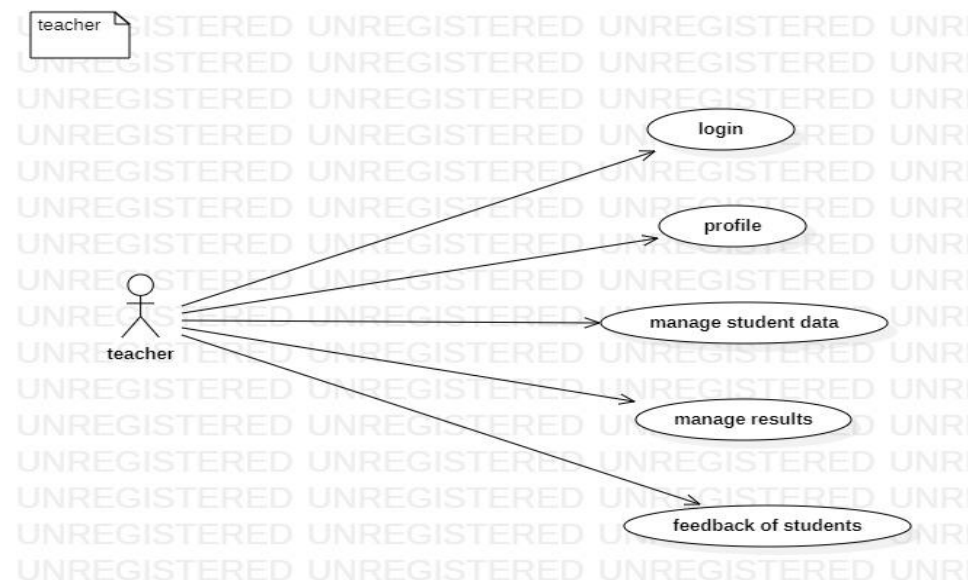


Figure 3. Use case diagram of Teacher

Use case diagram of Student

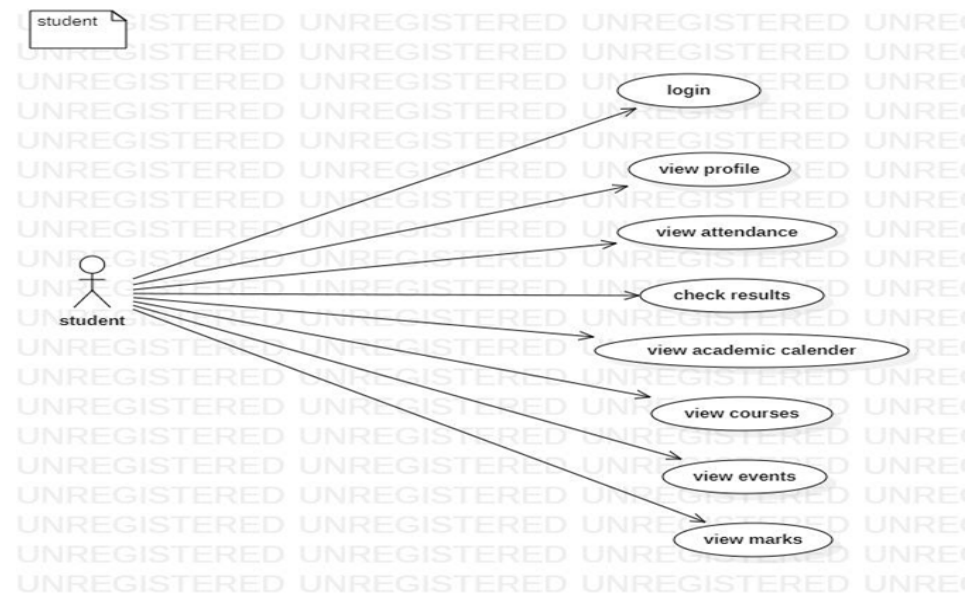


Figure 4. Use case diagram of Student

Use case diagram of Parent

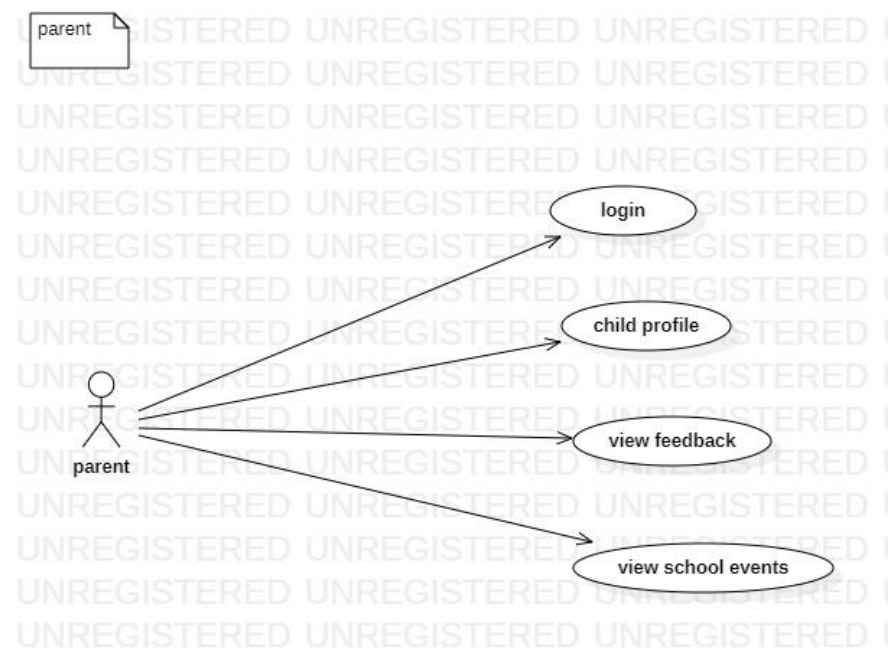


Figure 5. Use case diagram of Parent

3.3.2 Sequence Diagram

Sequence Diagram is an interaction diagram that details how operations are carried out and what messages are sent.

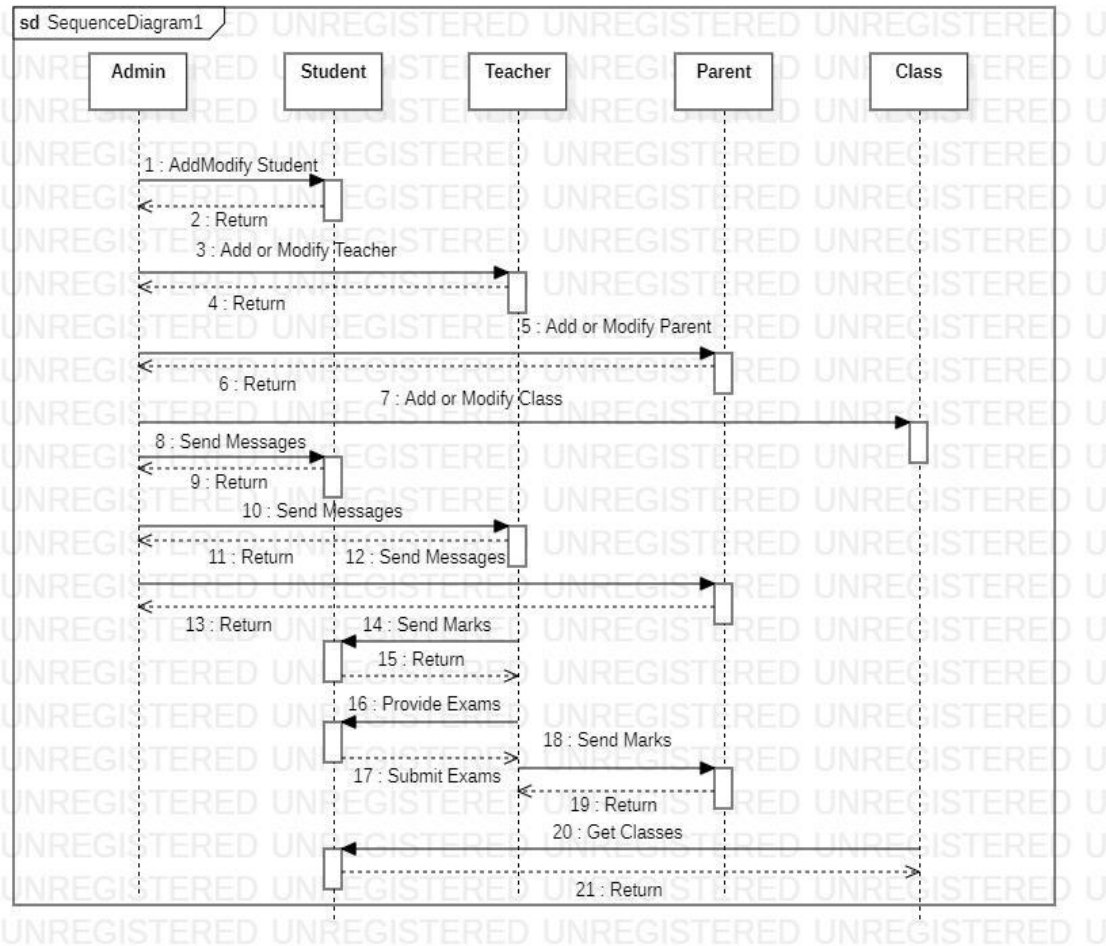


Figure 6. Sequence diagram

3.3.3 Activity Diagram

Activity diagrams are graphical representations of Workflows of stepwise activities and actions with support for choice, iteration and concurrency. In the Unified Modeling Language, activity diagrams can be used to describe the business and operational step-by-step workflows of components in a system. An activity diagram shows the overall flow of control.

Activity Diagram for admin

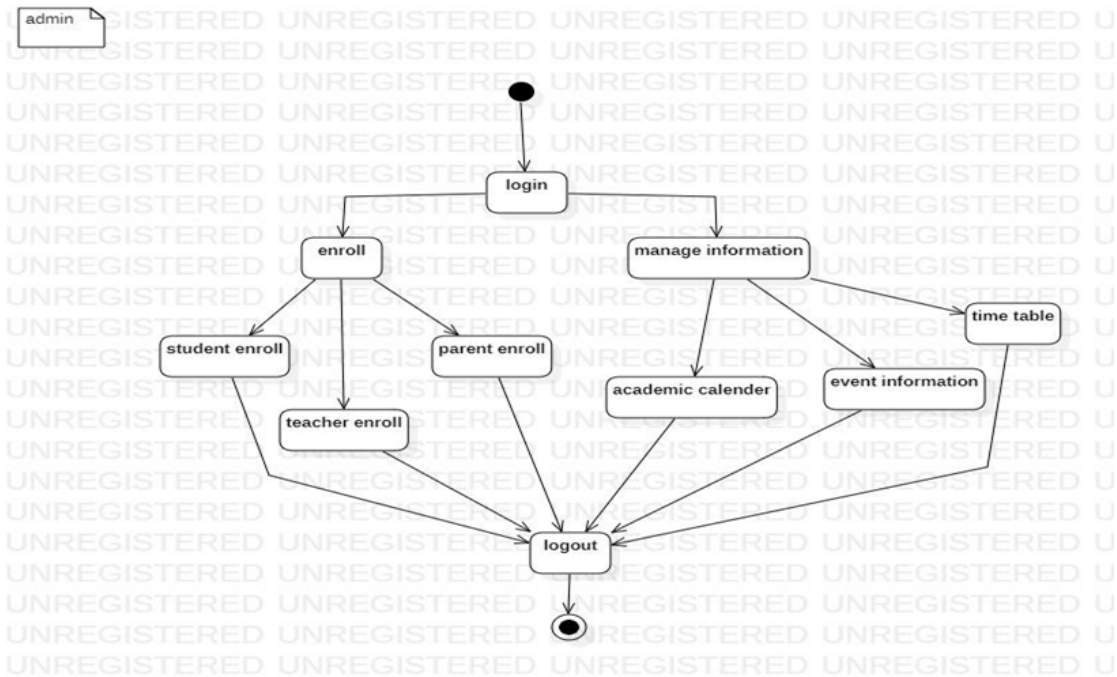


Figure 7. Activity diagram of Admin

Activity Diagram for Teacher

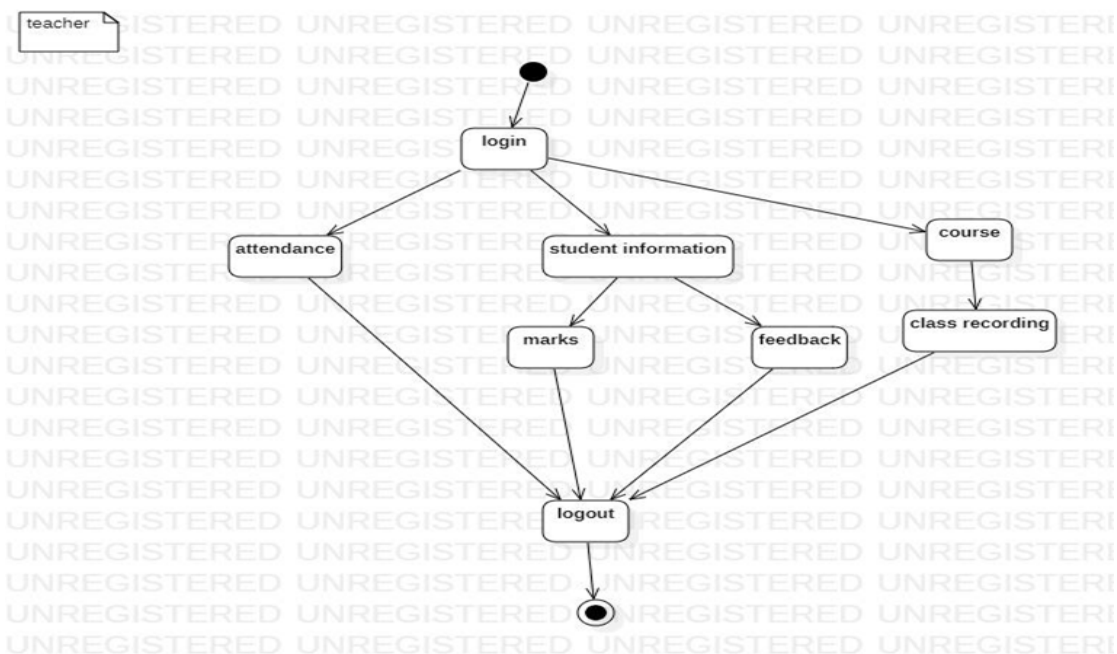


Figure 8. Activity diagram of Teacher

Activity Diagram for Student

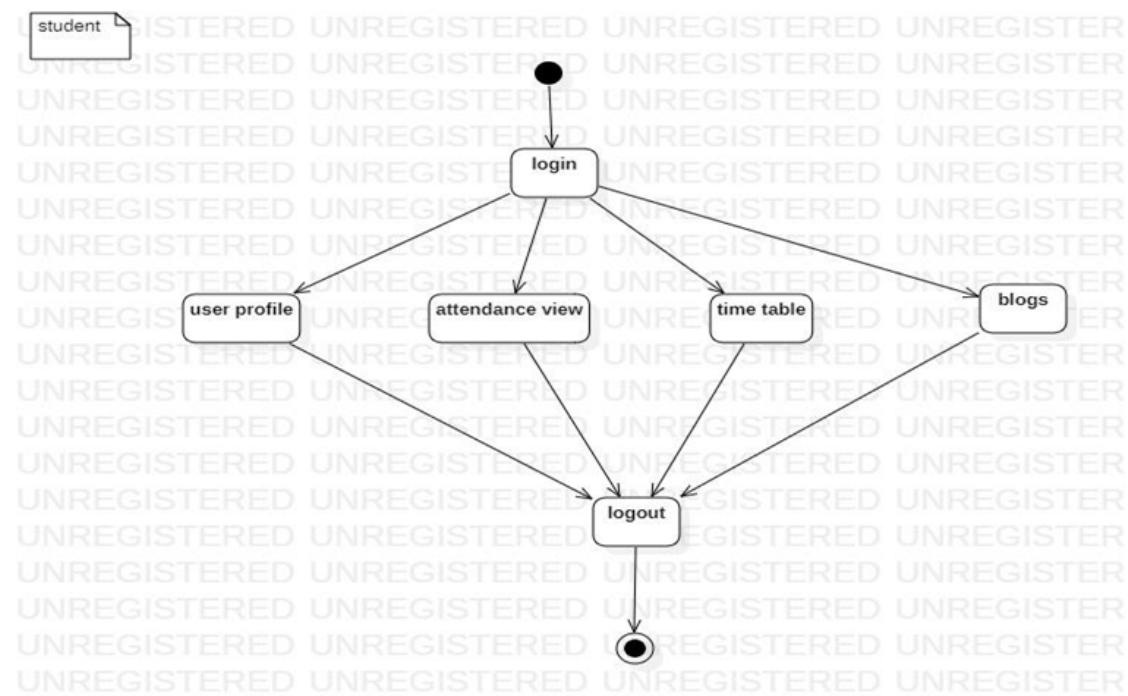


Figure 9. Activity Diagram for Student

Activity Diagram for Parent

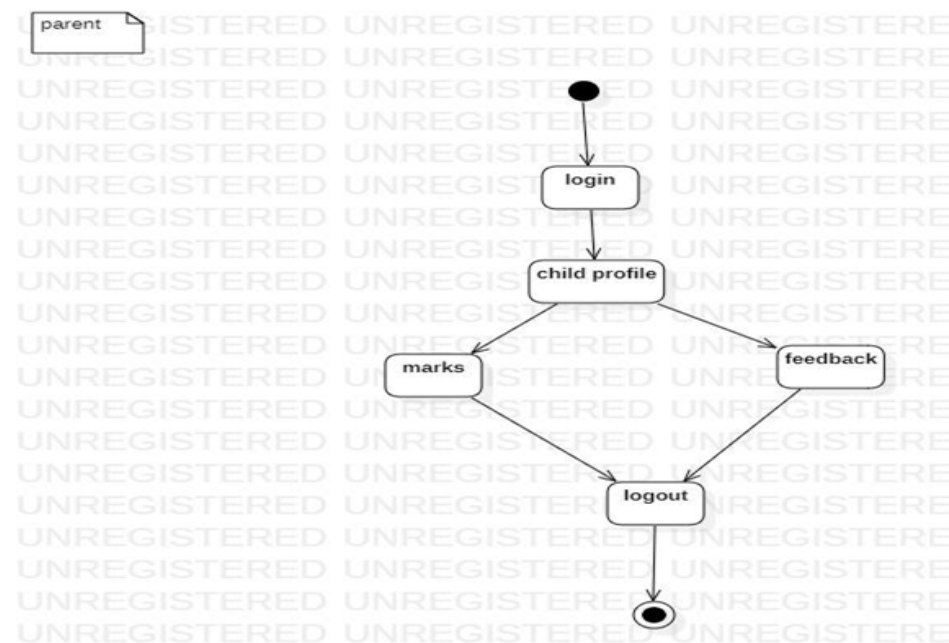


Figure 10. Activity diagram for Parent

3.3.4 ER Diagram

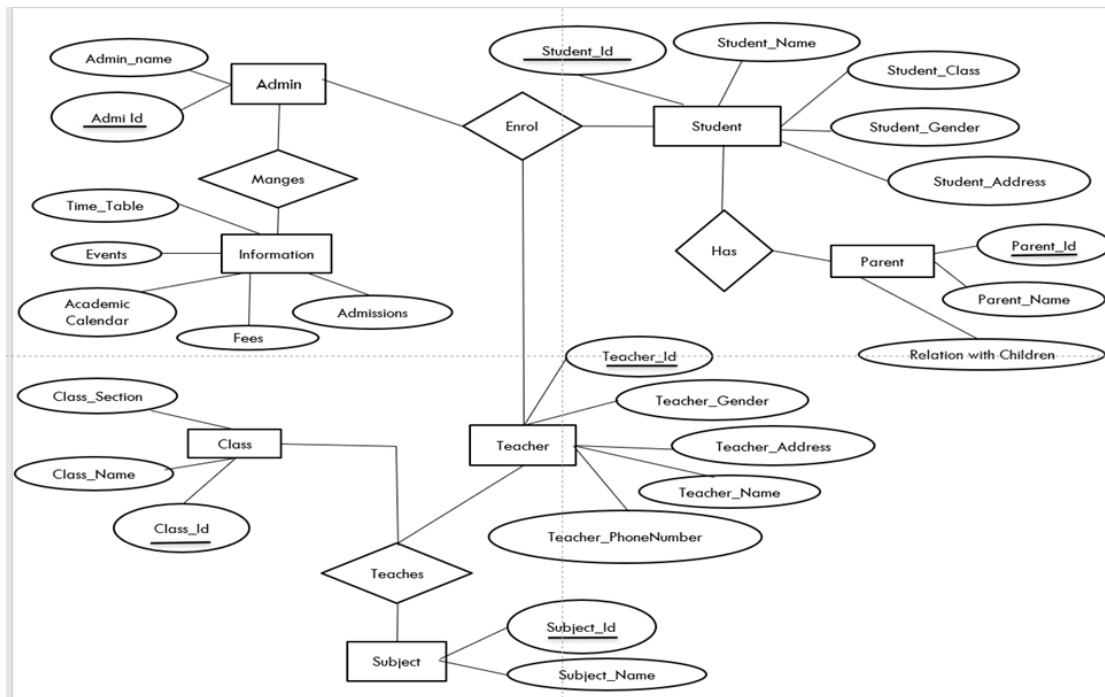


Figure 11. ER Diagram

4. IMPLEMENTATION

4.1 Coding

Index.php

```
<?php
$school_title = $this->frontend_model->get_frontend_general_settings('school_title');
$theme      = $this->frontend_model->get_frontend_general_settings('theme');?>
<!doctype html>
<html class="no-js" lang="">
<head>
<title>
    <?php echo $page_title; ?> | <?php echo $school_title;?>
</title>
    <?php include 'metas.php'; ?>
```

```

<?php include 'stylesheets.php'; ?>
</head>
<body>
    <?php include 'navigation.php'; ?>
    <?php include $page_name . '.php'; ?>
    <?php include 'footer.php'; ?>
    <?php include 'javascripts.php'; ?>
</body>
</html>

```

Home.php

```

<?php
    $slider = $this->frontend_model->get_frontend_general_settings('slider_images');
    $slider_images = json_decode($slider);
    $upcoming_events = $this->frontend_model->get_frontend_upcoming_events();
?>
<div class="slider-area">
    <div id="main-slider" class="owl-carousel main-slider">
        <?php for ($i=0; $i < count($slider_images); $i++) { ?>
            <div class="single-slide d-flex" style="background-image:url(<?php echo
base_url(); ?>uploads/frontend/slider/<?php echo $slider_images[$i]->image;?>)">
                <div class="slide-content align-self-end">
                    <div class="container">
                        <div class="row">
                            <div class="col">
                                <div class="slide-text">
                                    <h2><?php echo $slider_images[$i]->title; ?></h2>
                                    <p><?php echo $slider_images[$i]->description; ?></p>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

</div>
    </div>
</div>
<?php } ?>
</div>
</div>
<div class="main-msg-area">
    <div class="container">
        <div class="row align-items-center">
            <div class="col-lg-7 col-md-12">
                <div class="intro-msg text-center">
                    <h3 class="welcome-title">
                        <?php echo
$this->frontend_model->get_frontend_general_settings('homepage_note_title'); ?>
                    </h3>
                    <p class="welcome-desc">
<?php
echo
$this->frontend_model->get_frontend_general_settings('homepage_note_description')
; ?>
                </p>
            </div>
        </div>
        <div class="col-lg-4 col-md-12 ml-lg-auto align-self-stretch">
            <div class="home-event-widget">
                <div class="widget-title text-center">
                    <h4>Upcoming Events</h4>
                </div>
                <div class="widgets-content">
                    <ul>
                        <?php foreach ($upcoming_events as $row) { ?>

```

```

<li class="clearfix">
    <div class="event-date pull-left">
        <h6 class="date">
            <?php echo date('d', $row['timestamp']); ?>
        <span class="month"><?php echo date('M', $row['timestamp']); ?></span>
        </h6>
    </div>
    <h5 class="event-title"><?php echo $row['title']; ?></h5>
</li>
<?php } ?>
</ul>
</div>
<div class="widget-link text-center">
    <a href="<?php echo site_url('home/events');?>" class="btn
btn-primary">
        <?php echo get_phrase('view_all'); ?>
    </a>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>

```

Navigation.php

```

<?php
$header_logo =
$this->frontend_model->get_frontend_general_settings('header_logo');
?>
<header>
    <div class="logo-area">
        <div class="container">

```

```

<div class="row justify-content-md-center">
  <div class="col">
    <div class="logo-container text-center">
      <a href="<?php echo site_url('home');?>">
        
      <h2><?php echo $school_title; ?></h2>
    </a>
  </div>
</div>
</div>
</div>
</div>
<div class="menu-area">
  <div class="container">
    <nav class="navbar navbar-expand-lg">
      <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent"
aria-expanded="false" aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>

      <div class="collapse navbar-collapse justify-content-md-center"
id="navbarSupportedContent">
        <ul class="navbar-nav ">
          <li class="nav-item <?php if($page_name == 'home') echo
'active';?>">
            <a class="nav-link" href="<?php echo site_url('home');?>">
              <?php echo get_phrase('home'); ?>
            </a>
          </li>

          <li class="nav-item <?php if($page_name == 'noticeboard' ||
$page_name == 'notice_details') echo 'active';?>">

```



```

<a class="nav-link" href="<?php echo
site_url('home/noticeboard');?>">
    <?php echo get_phrase('noticeboard'); ?>
</a>
</li-->
<li class="nav-item <?php if($page_name == 'gallery' || $page_name
== 'gallery_view') echo 'active';?>">
    <a class="nav-link" href="<?php echo site_url('home/gallery');?>">
        <?php echo get_phrase('gallery'); ?>
    </a>
</li>
<li class="nav-item <?php if($page_name == 'admission') echo
'active';?>">
    <a class="nav-link" href="<?php echo
site_url('home/admission');?>">
        <?php echo get_phrase('admission'); ?>
    </a>
</li>
<li class="nav-item <?php if($page_name == 'about') echo
'active';?>">
    <a class="nav-link" href="<?php echo site_url('home/about');?>">
        <?php echo get_phrase('about us'); ?>
    </a>
</li>
<li class="nav-item <?php if($page_name == 'contact') echo
'active';?>">
    <a class="nav-link" href="<?php echo site_url('home/contact');?>">
        <?php echo get_phrase('contact'); ?>
    </a>
</li>
<li class="nav-item <?php if($page_name == 'Login') echo
'active';?>">
    <a class="nav-link" href="<?php echo site_url('login');?>">

```

```

        <?php echo get_phrase('Login'); ?>
    </a>
</li>
</ul>
</div>
</nav>
</div>
</div>
</header>

```

admin_nav.php

```

<div class="sidebar-menu">
    <header class="logo-env" >
        <!-- logo collapse icon -->
        <div class="sidebar-collapse" style="margin-top: 0px;">
            <a href="#" class="sidebar-collapse-icon" onclick="hide_brand()">
                <i class="entypo-menu"></i>
            </a>
        </div>
        <script type="text/javascript">
            function hide_brand() {
                $('#branding_element').toggle();
            }
        </script>

        <!-- open/close menu icon (do not remove if you want to enable menu on mobile
devices) -->
        <div class="sidebar-mobile-menu visible-xs">
            <a href="#" class="with-animation">
                <i class="entypo-menu"></i>
            </a>
        </div>
    </header>

```

```

<div style=""></div>
<ul id="main-menu" class="">

    <div style="text-align: -webkit-center;" id="branding_element">
        
        <h4 style="color: #a2a3b7;text-align: -webkit-center;margin-bottom:
25px;font-weight: 300;margin-top: 10px;">
            <?php echo $system_name;?>
        </h4>
    </div>

    <!-- Home -->
        <li class="<?php if ($page_name == 'dashboard') echo 'active'; ?> "
style="border-top:1px solid #232540;">
            <a href="<?php echo site_url('admin/dashboard'); ?>">
                <i class="flaticon-home-2"></i>
                <span><?php echo get_phrase('admin_home'); ?></span>
            </a>
        </li>

    <!-- Manage Students -->
    <li class="<?php if ($page_name == 'student_add' ||
        $page_name == 'student_bulk_add' ||
        $page_name == 'student_information' ||
        $page_name == 'student_marksheet' ||
        $page_name == 'student_promotion' ||
        $page_name == 'student_profile')
        echo 'opened active has-sub';
    ?> ">
        <a href="#">
            <i class="fa flaticon-avatar"></i>

```

```

        <span><?php echo get_phrase('manage_students'); ?></span>
    </a>
</ul>

<!-- STUDENT ADMISSION -->
<li class="<?php if ($page_name == 'student_add') echo 'active'; ?> ">
    <a href="<?php echo site_url('admin/student_add'); ?>">
        <span><i class="entypo-dot"></i> <?php echo
get_phrase('admit_student'); ?></span>
    </a>
</li>

<!-- STUDENT BULK ADMISSION -->
<li class="<?php if ($page_name == 'student_bulk_add') echo 'active'; ?>
">
    <a href="<?php echo site_url('admin/student_bulk_add'); ?>">
        <span><i class="entypo-dot"></i> <?php echo
get_phrase('admit_bulk_student'); ?></span>
    </a>
</li>

<!-- STUDENT INFORMATION -->
<li class="<?php if ($page_name == 'student_information' || $page_name
== 'student_marksheet') echo 'opened active'; ?> ">
    <a href="#">
        <span><i class="entypo-dot"></i> <?php echo
get_phrase('student_information'); ?></span>
    </a>
</ul>
<?php
$classes = $this->db->get('class')->result_array();
foreach ($classes as $row):
    ?>

```

```

        <li class="<?php if ($page_name == 'student_information' &&
$class_id == $row['class_id'] || $page_name == 'student_marksheet' && $class_id ==
$row['class_id']) echo 'active'; ?>">

            <!--<li class="<?php if ($page_name == 'student_information' &&
$page_name == 'student_marksheet' && $class_id == $row['class_id']) echo 'active';
?>">-->

                <a href="<?php echo site_url('admin/student_information/' .
$row['class_id']); ?>">

                    <span><?php echo get_phrase('class'); ?> <?php echo
$row['name']; ?></span>

                        </a>

                    </li>

                <?php endforeach; ?>

            </ul>

        </li>

    <!-- STUDENT PROMOTION -->

    <li class="<?php if ($page_name == 'student_promotion') echo 'active'; ?>
">

        <a href="<?php echo site_url('admin/student_promotion'); ?>">

            <span><i class="entypo-dot"></i> <?php echo
get_phrase('student_promotion'); ?></span>

                </a>

            </li>

        </ul>

    </li>

    <!-- Manage Users -->

    <li class="<?php if ( $page_name == 'admin' ||
        $page_name == 'teacher' ||
        $page_name == 'parent' ||
        $page_name == 'librarian' ||

```

```

        $page_name == 'accountant')
        echo 'opened active has-sub';?>">
<a href="#">
    <i class="fa flaticon-users"></i>
    <span><?php echo get_phrase('manage_users'); ?></span>
</a>
<ul>
    <!-- manage admins -->
    <li class="<?php if ($page_name == 'admin') echo 'active'; ?> ">
        <a href="<?php echo site_url('admin/admin'); ?>">
            <i class="fa entypo-dot"></i>
            <span><?php echo get_phrase('admin'); ?></span>
        </a>
    </li>
    <!-- manage teachers -->
    <li class="<?php if ($page_name == 'teacher') echo 'active'; ?> ">
        <a href="<?php echo site_url('admin/teacher'); ?>">
            <i class="entypo-dot"></i>
            <span><?php echo get_phrase('teacher'); ?></span>
        </a>
    </li>
    <!-- manage parents -->
    <li class="<?php if ($page_name == 'parent') echo 'active'; ?> ">
        <a href="<?php echo site_url('admin/parent'); ?>">
            <i class="entypo-dot"></i>
            <span><?php echo get_phrase('parents'); ?></span>
        </a>
    </li>
</ul>
</li>

<!-- CLASS -->
<li class="<?php

```

```

if ($page_name == 'class' ||
    $page_name == 'section' ||
    $page_name == 'academic_syllabus' ||
    $page_name == 'study_material')
    echo 'opened active';
?> ">
<a href="#">
    <i class="flaticon-layers"></i>
    <span><?php echo get_phrase('academic_&_classes'); ?></span>
</a>
<ul>
    <li class="<?php if ($page_name == 'class') echo 'active'; ?> ">
        <a href="<?php echo site_url('admin/classes'); ?>">
            <span><i class="entypo-dot"></i> <?php echo
get_phrase('manage_classes'); ?></span>
            </a>
        </li>
        <li class="<?php if ($page_name == 'section') echo 'active'; ?> ">
            <a href="<?php echo site_url('admin/section'); ?>">
                <span><i class="entypo-dot"></i> <?php echo
get_phrase('manage_sections'); ?></span>
                </a>
            </li>
        </ul>
    </li>

<!-- SUBJECT -->
<li class="<?php if ($page_name == 'subject') echo 'opened active'; ?> ">
    <a href="#">
        <i class="flaticon-list-3"></i>
        <span><?php echo get_phrase('subject'); ?></span>
    </a>
    <ul>

```

```

<?php
$classes = $this->db->get('class')->result_array();
foreach ($classes as $row):
    ?>
        <li class="<?php if ($page_name == 'subject' && $class_id ==
$row['class_id']) echo 'active'; ?>">
            <a href="<?php echo site_url('admin/subject/' . $row['class_id']); ?>">
                <span><?php echo get_phrase('class'); ?> <?php echo $row['name'];
?></span>
            </a>
        </li>
    <?php endforeach; ?>
</ul>
</li>

<!-- CLASS ROUTINE -->
<li class="<?php if ($page_name == 'class_routine_view' ||
$page_name == 'class_routine_add')
echo 'opened active'; ?> ">
    <a href="#">
        <i class="flaticon-calendar-3"></i>
        <span><?php echo get_phrase('class_routine'); ?></span>
    </a>
    <ul>
        <li class="<?php if ($page_name == 'class_routine_add') echo 'active'; ?>
">
            <a href="<?php echo site_url('admin/class_routine_add'); ?>">
                <span><i class="entypo-dot"></i>
                <?php echo get_phrase('add_class_routine'); ?></span>
            </a>
        </li>
    <?php
$classes = $this->db->get('class')->result_array();

```



```

        foreach ($classes as $row):
            ?>
                <li class="<?php if ($page_name == 'class_routine_view' && $class_id
== $row['class_id']) echo 'active'; ?>">
                    <a href="<?php echo site_url('admin/class_routine_view/' .
$row['class_id']); ?>">
                        <span><i class="entypo-dot"></i>
                            <?php echo get_phrase('class'); ?>
                            <?php echo $row['name']; ?></span>
                        </a>
                    </li>
                <?php endforeach; ?>
            </ul>
        </li>

<!-- DAILY ATTENDANCE -->
<li class="<?php if ($page_name == 'manage_attendance' ||
$page_name == 'manage_attendance_view' || $page_name ==
'attendance_report' || $page_name == 'attendance_report_view')
echo 'opened active'; ?> ">
    <a href="#">
        <i class="flaticon-clipboard"></i>
        <span><?php echo get_phrase('daily_attendance'); ?></span>
    </a>
    <ul>

    </ul>
    <ul>

        <li class="<?php if (( $page_name == 'attendance_report' || $page_name
== 'attendance_report_view')) echo 'active'; ?>">
            <a href="<?php echo site_url('admin/attendance_report'); ?>">

```

```

        <span><i class="entypo-dot"></i><?php echo
get_phrase('attendance_report'); ?></span>
    </a>
</li>

```

```

</ul>
</li>

```

```

<!-- Manage back office -->
<li class="<?php if ( $page_name == 'book' ||
    $page_name == 'transport' ||
    $page_name == 'dormitory' ||
    $page_name == 'noticeboard' ||
    $page_name == 'noticeboard_edit' ||
    $page_name == 'message' ||
    $page_name == 'group_message')
    echo 'opened active has-sub';?>">
    <a href="#">
        <i class="flaticon-imac"></i>
        <span><?php echo get_phrase('manage_office'); ?></span>
    </a>
</li>

```

```

<!-- NOTICEBOARD -->
    <li class="<?php if ($page_name == 'noticeboard' || $page_name ==
'noticeboard_edit') echo 'active'; ?> ">
        <a href="<?php echo site_url('admin/noticeboard'); ?>">
            <i class="entypo-dot"></i>
            <span><?php echo get_phrase('noticeboard'); ?></span>
        </a>
    </li>

```

```

<!-- MESSAGE -->
    <li class="<?php if ($page_name == 'message' || $page_name ==
'group_message') echo 'active'; ?> ">
        <a href="<?php echo site_url('admin/message'); ?>">
            <i class="entypo-dot"></i>
            <span><?php echo get_phrase('message'); ?></span>
        </a>
    </li>
</ul>
</li>

<!-- SETTINGS -->
<li class="<?php
if ($page_name == 'system_settings' ||
$page_name == 'frontend_pages' ||
$page_name == 'manage_language' ||
$page_name == 'sms_settings' ||
$page_name == 'payment_settings' ||
$page_name == 'smtp_settings')
    echo 'opened active';
?> ">
    <a href="#">
        <i class="flaticon-interface-7"></i>
        <span><?php echo get_phrase('settings'); ?></span>
    </a>
    <ul>
        <li class="<?php if ($page_name == 'system_settings') echo 'active'; ?> ">
            <a href="<?php echo site_url('admin/system_settings'); ?>">
                <span><i class="entypo-dot"></i> <?php echo
get_phrase('general_settings'); ?></span>
            </a>
        </li>
        <li class="<?php if ($page_name == 'frontend_pages') echo 'active'; ?> ">

```

```

        <a href="<?php echo site_url('admin/frontend_pages'); ?>">
            <span><i class="entypo-dot"></i> <?php echo
get_phrase('school_website'); ?></span>
        </a>
    </li>
</ul>
</li>

<!-- ACCOUNT -->
<li class="<?php if ($page_name == 'manage_profile') echo 'active'; ?> ">
    <a href="<?php echo site_url('admin/manage_profile'); ?>">
        <i class="entypo-lock"></i>
        <span><?php echo get_phrase('account'); ?></span>
    </a>
</li>

<!-- Session selector -->
<li class="root-level" style="border-top: 1px solid #262a44; padding: 10px
0px;text-align: -webkit-center;">
    <?php echo form_open(site_url('admin/change_session') , array('id' =>
'session_change'));>
    <li>

        <div class="form-group">
            <select name="running_year" class="form-control" onchange="submit()"
                style="width: 60%;background-color: #232640;border-color:
#242742;color: #a1a2b6;">
                <?php $running_year = $this->db->get_where('settings' ,
array('type'=>'running_year'))->row()->description;?>
                <?php for($i = 0; $i < 10; $i++):?>
                    <option value="<?php echo (2016+$i);?>-<?php echo
(2016+$i+1);?>"

```

```

        <?php if($running_year == (2016+$i).'.'(2016+$i+1)) echo
'selected';?>>
        Session : <?php echo (2016+$i);?>-<?php echo (2016+$i+1);?>
        </option>
        <?php endfor;?>
    </select>
</div>
</li>
<?php echo form_close();?>
</li>

</ul>

</div>

```

Teacher_nav.php

```

<div class="sidebar-menu">
    <header class="logo-env" >
        <!-- logo collapse icon -->
        <div class="sidebar-collapse" style="margin-top: 0px;">
            <a href="#" class="sidebar-collapse-icon" onclick="hide_brand()">
                <i class="entypo-menu"></i>
            </a>
        </div>
        <script type="text/javascript">
            function hide_brand() {
                $('#branding_element').toggle();
            }
        </script>

```

```

<div class="sidebar-mobile-menu visible-xs">
  <a href="#" class="with-animation">
    <i class="entypo-menu"></i>
  </a>
</div>
</header>
<ul id="main-menu" class="">
  <div style="text-align: -webkit-center;" id="branding_element">
    
    <h4 style="color: #a2a3b7;text-align: -webkit-center;margin-bottom:
25px;font-weight: 300;margin-top: 10px;">
      <?php echo $system_name;?>
    </h4>
  </div>

<!-- DASHBOARD -->
  <li class="<?php if ($page_name == 'dashboard') echo 'active'; ?> "
style="border-top:1px solid #232540;">
    <a href="<?php echo site_url($account_type.'/dashboard'); ?>">
      <i class="entypo-gauge"></i>
      <span><?php echo get_phrase('dashboard'); ?></span>
    </a>
  </li>

<!-- STUDENT -->
  <li class="<?php
if ($page_name == 'student_add' ||
$page_name == 'student_information' ||
$page_name == 'student_marksheet')
echo 'opened active has-sub';
?> ">

```

```

<a href="#">
    <i class="fa fa-group"></i>
    <span><?php echo get_phrase('student'); ?></span>
</a>
<ul>

<!-- STUDENT INFORMATION -->
    <li class="<?php if ($page_name == 'student_information' || $page_name
== 'student_marksheet' || $page_name == 'student_profile') echo 'opened active'; ?> ">
        <a href="#">
            <span><i class="entypo-dot"></i> <?php echo
get_phrase('student_information'); ?></span>
            </a>
            <ul>
                <?php
                $classes = $this->db->get('class')->result_array();
                foreach ($classes as $row):
                    ?>
                        <li class="<?php if ($page_name == 'student_information' &&
$class_id == $row['class_id']) echo 'active'; ?> ">
                            <a href="<?php echo
site_url($account_type.'/student_information/'.$row['class_id']); ?> ">
                                <span><?php echo get_phrase('class'); ?><?php echo
$row['name']; ?></span>
                                </a>
                            </li>
                        <?php endforeach; ?>
                    </ul>
                </li>
            </ul>
        </li>
    </ul>
</li>

```

```

<!-- TEACHER -->
<li class="<?php if ($page_name == 'teacher') echo 'active'; ?> ">
    <a href="<?php echo site_url($account_type.'/teacher_list'); ?>">
        <i class="entypo-users"></i>
        <span><?php echo get_phrase('teacher'); ?></span>
    </a>
</li>

<!-- SUBJECT -->
<li class="<?php if ($page_name == 'subject') echo 'opened active'; ?> ">
    <a href="#">
        <i class="entypo-docs"></i>
        <span><?php echo get_phrase('subject'); ?></span>
    </a>
    <ul>
        <?php $classes = $this->db->get('class')->result_array();
        foreach ($classes as $row):
            ?>
                <li class="<?php if ($page_name == 'subject' && $class_id ==
$row['class_id']) echo 'active'; ?>">
                    <a href="<?php echo
site_url($account_type.'/subject/'.$row['class_id']); ?>">
                        <span><?php echo get_phrase('class'); ?><?php echo $row['name'];
?></span>
                    </a>
                </li>
            <?php endforeach; ?>
        </ul>
    </li>

<!-- CLASS ROUTINE -->
<li class="<?php if ($page_name == 'class_routine' ||

```



```

$page_name == 'class_routine_print_view')
echo 'opened active'; ?> ">
<a href="#">
    <i class="entypo-target"></i>
    <span><?php echo get_phrase('class_routine'); ?></span>
</a>
<ul>
    <?php
    $classes = $this->db->get('class')->result_array();
    foreach ($classes as $row):
        ?>
            <li class="<?php if ($page_name == 'class_routine' && $class_id ==
$row['class_id']) echo 'active'; ?>">
                <a href="<?php echo
site_url($account_type.'/class_routine/'.$row['class_id']); ?>">
                    <span><?php echo get_phrase('class'); ?><?php echo $row['name'];
?></span>
                </a>
            </li>
        <?php endforeach; ?>
    </ul>
</li>

<!-- STUDY MATERIAL -->
<li class="<?php if ($page_name == 'study_material') echo 'active'; ?> ">
    <a href="<?php echo site_url($account_type.'/study_material'); ?>">
        <i class="entypo-book-open"></i>
        <span><?php echo get_phrase('study_material'); ?></span>
    </a>
</li>

<!-- ACADEMIC SYLLABUS -->
<li class="<?php if ($page_name == 'academic_syllabus') echo 'active'; ?> ">

```

```

<a href="<?php echo site_url($account_type.'/academic_syllabus'); ?>">
    <i class="entypo-doc"></i>
    <span><?php echo get_phrase('academic_syllabus'); ?></span>
</a>
</li>

<!-- DAILY ATTENDANCE -->
<li class="<?php if ($page_name == 'manage_attendance' ||
    $page_name == 'manage_attendance_view')
    echo 'opened active'; ?> ">
    <a href="#">
        <i class="entypo-chart-area"></i>
        <span><?php echo get_phrase('daily_attendance'); ?></span>
    </a>
    <ul>
        <?php
        $classes = $this->db->get('class')->result_array();
        foreach ($classes as $row):
            ?>
            <li class="<?php if (($page_name == 'manage_attendance' || $page_name
            == 'manage_attendance_view') && $class_id == $row['class_id']) echo 'active'; ?>">
                <a href="<?php echo
            site_url($account_type.'/manage_attendance/'.$row['class_id']); ?>">
                    <span><?php echo get_phrase('class'); ?><?php echo $row['name'];
            ?></span>
                </a>
            </li>
        <?php endforeach; ?>
    </ul>
</li>

<!-- EXAMS -->

```

```

<li class="<?php if ($page_name == 'marks_manage' || $page_name ==
'marks_manage_view' || $page_name == 'question_paper') echo 'opened active'; ?> ">
  <a href="#">
    <i class="entypo-graduation-cap"></i>
    <span><?php echo get_phrase('exam'); ?></span>
  </a>
  <ul>
    <li class="<?php if ($page_name == 'marks_manage' || $page_name ==
'marks_manage_view') echo 'active'; ?> ">
      <a href="<?php echo site_url($account_type.'/marks_manage'); ?>">
        <span><i class="entypo-dot"></i> <?php echo
get_phrase('manage_marks'); ?></span>
      </a>
    </li>
    <li class="<?php if ($page_name == 'question_paper') echo 'active'; ?> ">
      <a href="<?php echo site_url($account_type.'/question_paper'); ?>">
        <span><i class="entypo-dot"></i> <?php echo
get_phrase('question_paper'); ?></span>
      </a>
    </li>
  </ul>
</li>

```

```

<!-- NOTICEBOARD -->

```

```

<li class="<?php if ($page_name == 'noticeboard') echo 'active'; ?> ">
  <a href="<?php echo site_url($account_type.'/noticeboard'); ?>">
    <i class="entypo-doc-text-inv"></i>
    <span><?php echo get_phrase('noticeboard'); ?></span>
  </a>
</li>

```

```

<!-- MESSAGE -->

```

```

        <li class="<?php if ($page_name == 'message' || $page_name ==
'group_message') echo 'active'; ?> ">
        <a href="<?php echo site_url($account_type.'/message'); ?>">
        <i class="entypo-mail"></i>
        <span><?php echo get_phrase('message'); ?></span>
        </a>
    </li>

```

```

<!-- ACCOUNT -->
<li class="<?php if ($page_name == 'manage_profile') echo 'active'; ?> ">
    <a href="<?php echo site_url($account_type.'/manage_profile'); ?>">
    <i class="entypo-lock"></i>
    <span><?php echo get_phrase('account'); ?></span>
    </a>
</li>
</ul>
</div>

```

student_nav.php

```

<div class="sidebar-menu">
    <header class="logo-env" >
        <!-- logo collapse icon -->
        <div class="sidebar-collapse" style="margin-top: 0px;">
            <a href="#" class="sidebar-collapse-icon" onclick="hide_brand()">
                <i class="entypo-menu"></i>
            </a>
        </div>
        <script type="text/javascript">
            function hide_brand() {
                $('#branding_element').toggle();
            }
        </script>

```

```
<!-- open/close menu icon (do not remove if you want to enable menu on mobile devices) -->
```

```
<div class="sidebar-mobile-menu visible-xs">
```

```
<a href="#" class="with-animation">
```

```
<i class="entypo-menu"></i>
```

```
</a>
```

```
</div>
```

```
</header>
```

```
<ul id="main-menu" class="">
```

```
<!-- add class "multiple-expanded" to allow multiple submenus to open -->
```

```
<!-- class "auto-inherit-active-class" will automatically add "active" class for parent elements who are marked already with class "active" -->
```

```
<div style="text-align: -webkit-center;" id="branding_element">
```

```

```

```
<h4 style="color: #a2a3b7;text-align: -webkit-center;margin-bottom: 25px;font-weight: 300;margin-top: 10px;">
```

```
<?php echo $system_name;?>
```

```
</h4>
```

```
</div>
```

```
<!-- DASHBOARD -->
```

```
<li class="<?php if ($page_name == 'dashboard') echo 'active'; ?> " style="border-top:1px solid #232540;">
```

```
<a href="<?php echo site_url($account_type.'/dashboard'); ?>">
```

```
<i class="entypo-gauge"></i>
```

```
<span><?php echo get_phrase('dashboard'); ?></span>
```

```
</a>
```

```
</li>
```

```
<!-- TEACHER -->
```

```
<li class="<?php if ($page_name == 'teacher') echo 'active'; ?> ">
  <a href="<?php echo site_url($account_type.'/teacher_list'); ?>">
    <i class="entypo-users"></i>
    <span><?php echo get_phrase('teacher'); ?></span>
  </a>
</li>
```

```
<!-- SUBJECT -->
```

```
<li class="<?php if ($page_name == 'subject') echo ' active'; ?> ">
  <a href="<?php echo site_url($account_type.'/subject'); ?>">
    <i class="entypo-docs"></i>
    <span><?php echo get_phrase('subject'); ?></span>
  </a>
</li>
```

```
<!-- CLASS ROUTINE -->
```

```
<li class="<?php if ($page_name == 'class_routine') echo 'active'; ?> ">
  <a href="<?php echo site_url($account_type.'/class_routine'); ?>">
    <i class="entypo-target"></i>
    <span><?php echo get_phrase('class_routine'); ?></span>
  </a>
</li>
```

```
<!-- Attendance -->
```

```
<li class="<?php if ($page_name == 'manage_attendace') echo 'active'; ?> ">
  <a href="<?php echo site_url($account_type.'/manage_attendace'); ?>">
    <i class="fa fa-line-chart"></i>
    <span><?php echo get_phrase('attendance'); ?></span>
  </a>
```

```
</li>
```

```
<!-- STUDY MATERIAL -->
```

```
<li class="<?php if ($page_name == 'study_material') echo 'active'; ?> ">
```

```
<a href="<?php echo site_url($account_type.'/study_material'); ?>">
```

```
<i class="entypo-book-open"></i>
```

```
<span><?php echo get_phrase('study_material'); ?></span>
```

```
</a>
```

```
</li>
```

```
<!-- ACADEMIC SYLLABUS -->
```

```
<li class="<?php if ($page_name == 'academic_syllabus') echo 'active'; ?> ">
```

```
<a href="<?php echo site_url($account_type.'/academic_syllabus/'.$this->session->userdata('login_user_id'))); ?>">
```

```
<i class="entypo-doc"></i>
```

```
<span><?php echo get_phrase('academic_syllabus'); ?></span>
```

```
</a>
```

```
</li>
```

```
<!-- Exam marks -->
```

```
<li class="<?php if ($page_name == 'student_marksheet') echo 'active'; ?> ">
```

```
<a href="<?php echo site_url($account_type.'/student_marksheet/'.$this->session->userdata('login_user_id'))); ?>">
```

```
<i class="entypo-graduation-cap"></i>
```

```
<span><?php echo get_phrase('exam_marks'); ?></span>
```

```
</a>
```

```
</li>
```

```
<!-- NOTICEBOARD -->
```

```
<li class="<?php if ($page_name == 'noticeboard') echo 'active'; ?> ">
```

```
<a href="<?php echo site_url($account_type.'/noticeboard'); ?>">
```

```

        <i class="entypo-doc-text-inv"></i>
        <span><?php echo get_phrase('noticeboard'); ?></span>
    </a>
</li>

<!-- MESSAGE -->
    <li class="<?php if ($page_name == 'message' || $page_name ==
'group_message') echo 'active'; ?> ">
        <a href="<?php echo site_url($account_type.'/message'); ?>">
            <i class="entypo-mail"></i>
            <span><?php echo get_phrase('message'); ?></span>
        </a>
    </li>

<!-- ACCOUNT -->
<li class="<?php if ($page_name == 'manage_profile') echo 'active'; ?> ">
    <a href="<?php echo site_url($account_type.'/manage_profile'); ?>">
        <i class="entypo-lock"></i>
        <span><?php echo get_phrase('account'); ?></span>
    </a>
</li>
</ul>
</div>

```

Parent_nav.php

```

<div class="sidebar-menu">
    <header class="logo-env" >
        <!-- logo collapse icon -->
        <div class="sidebar-collapse" style="margin-top: 0px;">
            <a href="#" class="sidebar-collapse-icon" onclick="hide_brand()">
                <i class="entypo-menu"></i>
            </a>
        </div>
        <script type="text/javascript">

```



```

function hide_brand() {
    $('#branding_element').toggle();
}
</script>

<!-- open/close menu icon (do not remove if you want to enable menu on mobile
devices) -->
<div class="sidebar-mobile-menu visible-xs">
    <a href="#" class="with-animation">
        <i class="entypo-menu"></i>
    </a>
</div>
</header>

<ul id="main-menu" class="">
    <!-- add class "multiple-expanded" to allow multiple submenus to open -->
    <!-- class "auto-inherit-active-class" will automatically add "active" class for
parent elements who are marked already with class "active" -->

    <div style="text-align: -webkit-center;" id="branding_element">
        
        <h4 style="color: #a2a3b7;text-align: -webkit-center;margin-bottom:
25px;font-weight: 300;margin-top: 10px;">
            <?php echo $system_name;?>
        </h4>
    </div>

    <!-- DASHBOARD -->
    <li class="<?php if ($page_name == 'dashboard') echo 'active'; ?> "
style="border-top:1px solid #232540;">
        <a href="<?php echo site_url('parents/dashboard'); ?>">
            <i class="entypo-gauge"></i>

```

```

        <span><?php echo get_phrase('dashboard'); ?></span>
    </a>
</li>

<!-- TEACHER -->
<li class="<?php if ($page_name == 'teacher') echo 'active'; ?> ">
    <a href="<?php echo site_url('parents/teacher_list'); ?>">
        <i class="entypo-users"></i>
        <span><?php echo get_phrase('teacher'); ?></span>
    </a>
</li>

<!-- ACADEMIC SYLLABUS -->
    <li class="<?php if ($page_name == 'academic_syllabus') echo 'opened
active';?> ">
        <a href="#">
            <i class="entypo-doc"></i>
            <span><?php echo get_phrase('academic_syllabus'); ?></span>
        </a>
        <ul>
            <?php
                $children_of_parent = $this->db->get_where('student' , array(
                    'parent_id' => $this->session->userdata('parent_id')
                ))->result_array();
                foreach ($children_of_parent as $row):
            ?>
                <li class="<?php if ($page_name == 'academic_syllabus') echo 'active'; ?>
">
                    <a href="<?php echo
site_url('parents/academic_syllabus/'.$row['student_id']); ?>">

```

```

        <span><i class="entypo-dot"></i> <?php echo
$row['name'];?></span>
        </a>
    </li>
<?php endforeach;?>
</ul>
</li>

<!-- CLASS ROUTINE -->
<li class="<?php if ($page_name == 'class_routine') echo 'opened active';?> ">
    <a href="#">
        <i class="entypo-target"></i>
        <span><?php echo get_phrase('class_routine'); ?></span>
    </a>
    <ul>
        <?php
            $children_of_parent = $this->db->get_where('student' , array(
                'parent_id' => $this->session->userdata('parent_id')
            ))->result_array();
            foreach ($children_of_parent as $row):
                ?>
                <li class="<?php if ($page_name == 'class_routine') echo 'active'; ?> ">
                    <a href="<?php echo site_url('parents/class_routine/'.$row['student_id']);
?>">
                        <span><i class="entypo-dot"></i> <?php echo
$row['name'];?></span>
                        </a>
                    </li>
                <?php endforeach;?>
            </ul>
        </li>

<!-- ATTENDANCE VIEW FOR CHILDREN -->

```

```

        <li class="<?php if ($page_name == 'attendance_report' || $page_name ==
'attendance_report_view') echo 'opened active';?> ">
        <a href="#">
            <i class="entypo-chart-area"></i>
            <span><?php echo get_phrase('student_attendance'); ?></span>
        </a>
        <ul>
        <?php
            $children_of_parent = $this->db->get_where('student' , array(
                'parent_id' => $this->session->userdata('parent_id')
            ))->result_array();
            foreach ($children_of_parent as $row):
        ?>
            <li class="<?php if ($page_name == 'attendance_report') echo 'active'; ?>
">
                <a href="<?php echo
site_url('parents/attendance_report/'.$row['student_id']); ?>">
                    <span><i class="entypo-dot"></i> <?php echo
$row['name'];?></span>
                </a>
            </li>
        <?php endforeach;?>
        </ul>
    </li>

    <!-- EXAMS -->
    <li class="<?php
if ($page_name == 'marks') echo 'opened active';?> ">
        <a href="#">
            <i class="entypo-graduation-cap"></i>
            <span><?php echo get_phrase('exam_marks'); ?></span>
        </a>
        <ul>

```

```

<?php
    foreach ($children_of_parent as $row):
?>
        <li class="<?php if ($page_name == 'marks' && $student_id ==
$row['student_id']) echo 'active'; ?> ">
            <a href="<?php echo site_url('parents/marks/'.$row['student_id']); ?>">
                <span><i class="entypo-dot"></i> <?php echo
$row['name'];?></span>
            </a>
        </li>
    <?php endforeach;?>
</ul>
</li>

<!-- NOTICEBOARD -->
<li class="<?php if ($page_name == 'noticeboard') echo 'active'; ?> ">
    <a href="<?php echo site_url('parents/noticeboard'); ?>">
        <i class="entypo-doc-text-inv"></i>
        <span><?php echo get_phrase('noticeboard'); ?></span>
    </a>
</li>

<!-- ACCOUNT -->
<li class="<?php if ($page_name == 'manage_profile') echo 'active'; ?> ">
    <a href="<?php echo site_url('parents/manage_profile'); ?>">
        <i class="entypo-lock"></i>
        <span><?php echo get_phrase('account'); ?></span>
    </a>
</li>

</ul>

```

</div>

4.2 TEST CASES

Test Case no	Test Scenario	Expected Result	Actual Result	Out put
TCO1	Check whether the home page is working.	O/p as expected	as expected	pass
TCO2	Check whether all logins are valid.	Login is validated	as expected	pass
TCO3	check whether admin is able to handle all features.	able to handle like add, edit, view and delete.	as expected	pass
TCO4	Check whether teacher is able to handle all features like add study material, give attendance, enter marks.	able to upload the mentioned features.	as expected	pass
TCO5	Check whether student is able to handle all features like view study material, check attendance. events etc.	able to view the mentioned features.	as expected	pass
TCO6	Check whether parent is able to handle all features like view their child's performance.	able to view the mentioned features.	as expected	pass
TCO7	Check whether the excepted output is achieved	O/p as expected	as expected	pass

Figure 12. Test Cases

4.3 Output Screenshots

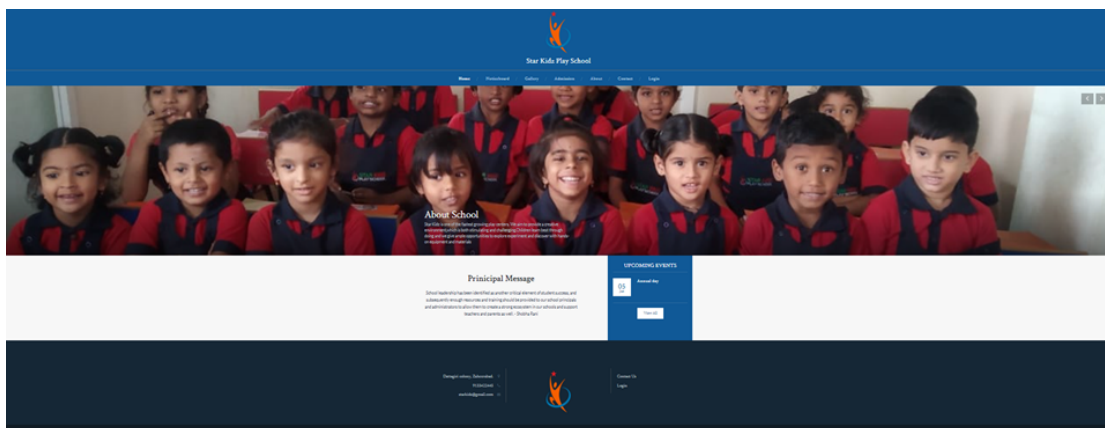


Figure 13. Homepage

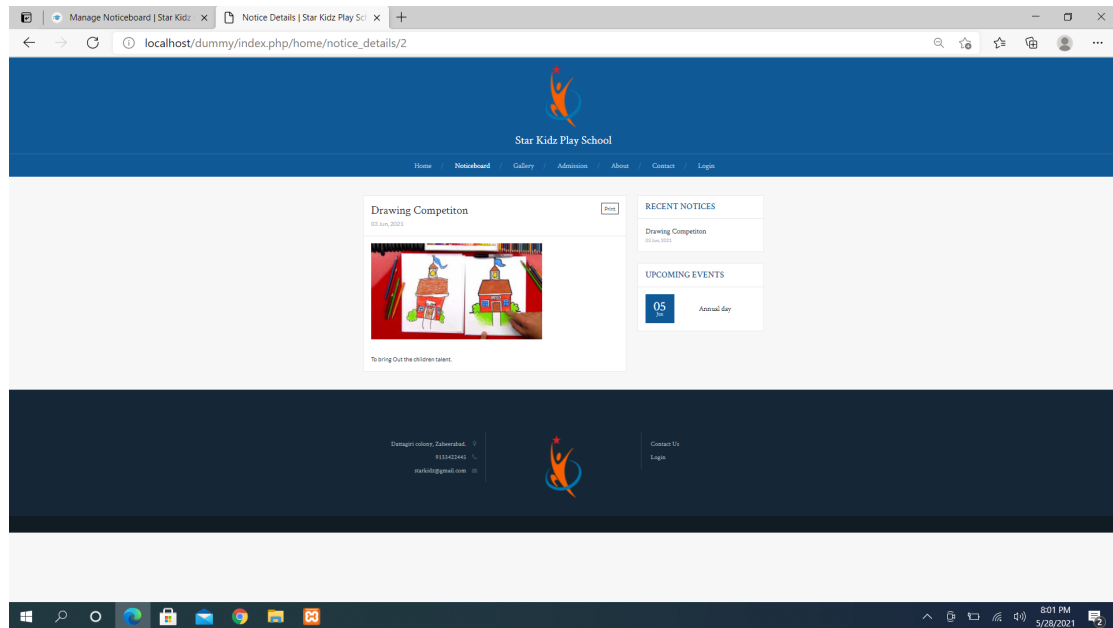


Figure 14. Noticeboard

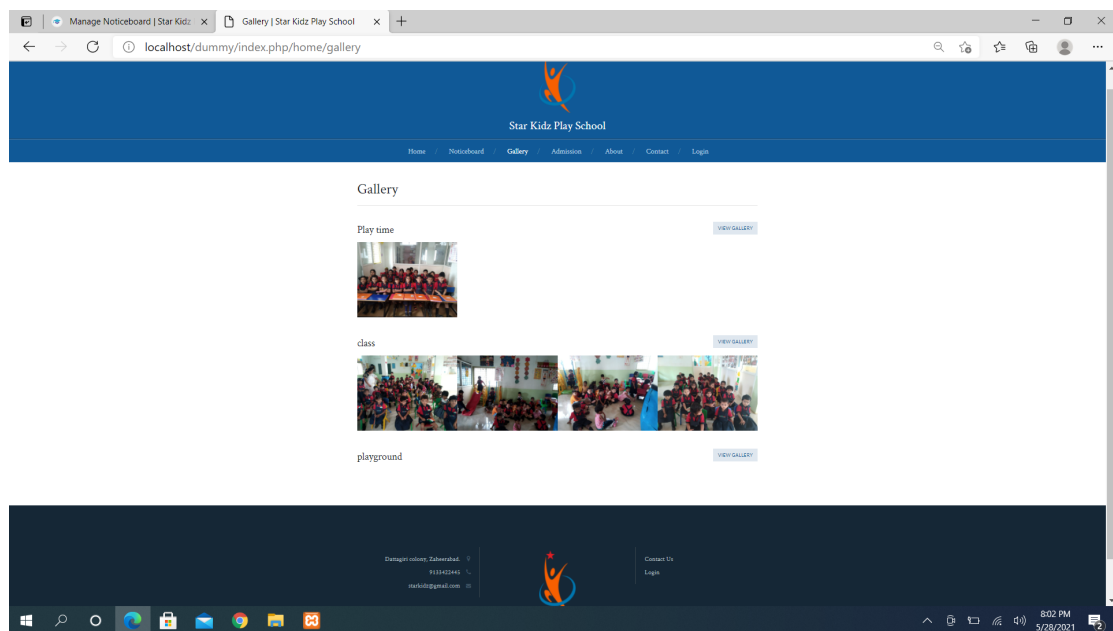


Figure 15. Gallery

School Management System

The screenshot shows a web browser window with the URL `localhost/dummy/index.php/home/admission`. The page features a blue header with the school's logo and navigation links: Home, Noticeboard, Gallery, Admission, About, Contact, and Login. The main content area is titled "Star Kidz Play School" and "Admission Form". It includes a "Student Information" form with fields for Student Name, Home Address, Gender, Birthday, Father Name, Mother Name, Religion, Educational Background, Mobile Num, and Nationality. A "Student Photo" upload box is also present. The footer contains contact information: "Dattagiri colony, Zaherabad", "9113422445", "star.kidz@gmail.com", and links for "Contact Us" and "Login". The Windows taskbar at the bottom shows the time as 8:02 PM on 5/28/2021.

Figure 16. Admission Form

The screenshot shows a web browser window with the URL `localhost/dummy/index.php/home/contact`. The page features a blue header with the school's logo and navigation links: Home, Noticeboard, Gallery, Admission, About, Contact, and Login. The main content area is titled "Contact Us" and includes a "CONTACT INFO" box with the following details: Address: Dattagiri colony, Zaherabad, Email: star.kidz@gmail.com, and Phone: 9113422445. The footer contains contact information: "Dattagiri colony, Zaherabad", "9113422445", "star.kidz@gmail.com", and links for "Contact Us" and "Login". The Windows taskbar at the bottom shows the time as 8:02 PM on 5/28/2021.

Figure 17. Contact Us

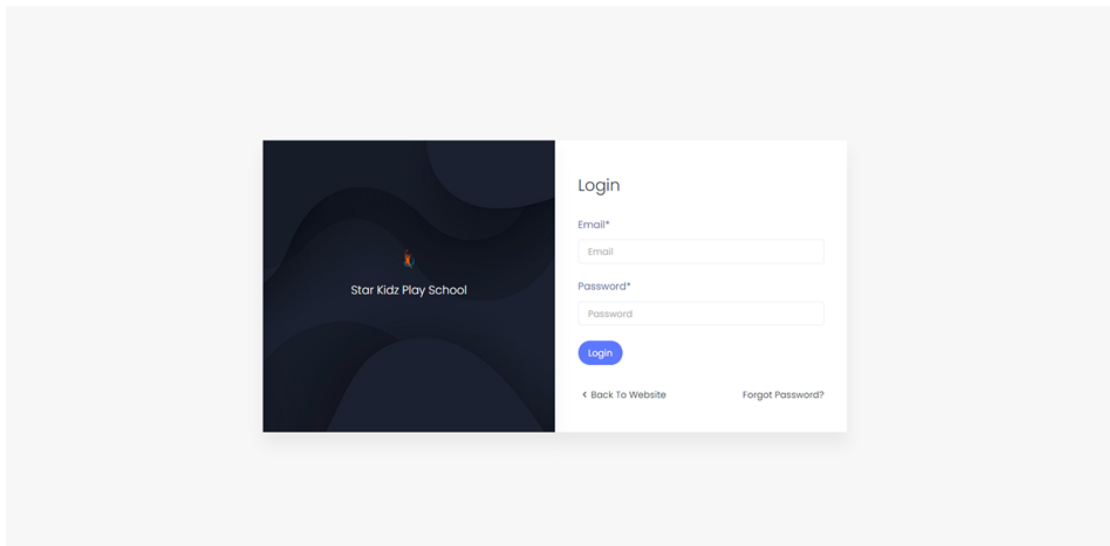


Figure 18. Login Page

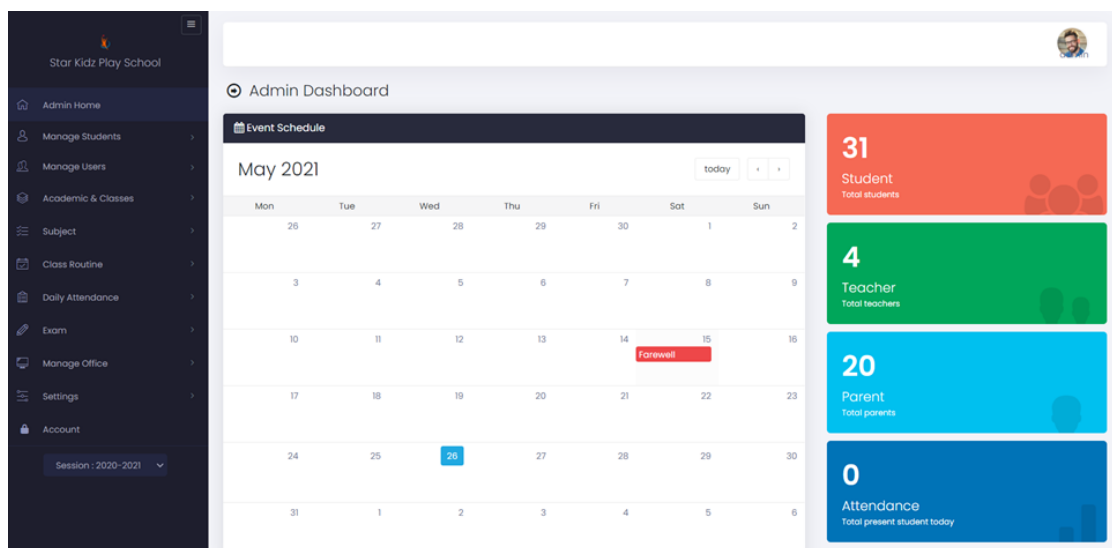


Figure 19. Admin Dashboard

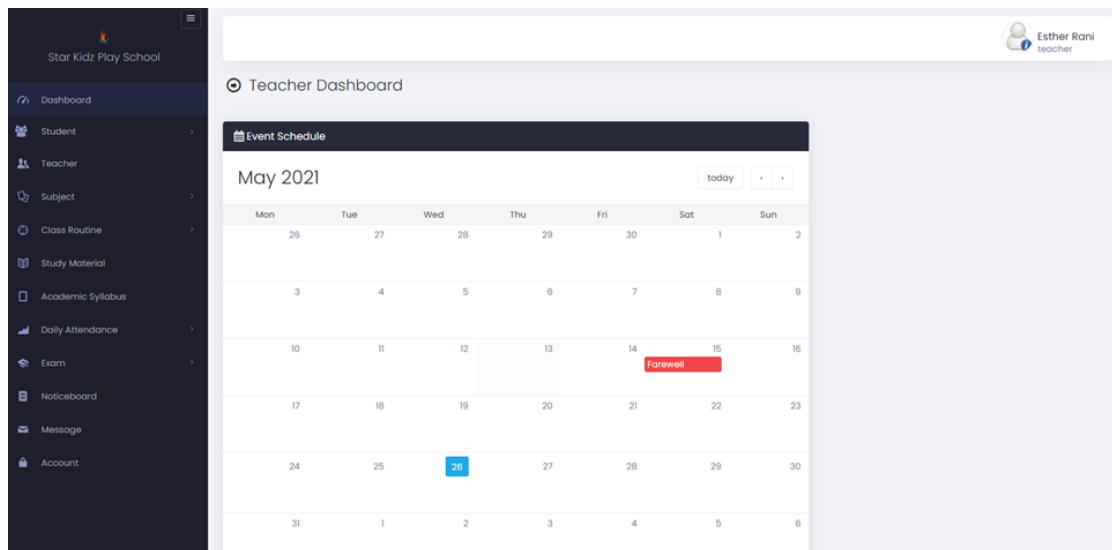


Figure 20. Teacher Dashboard

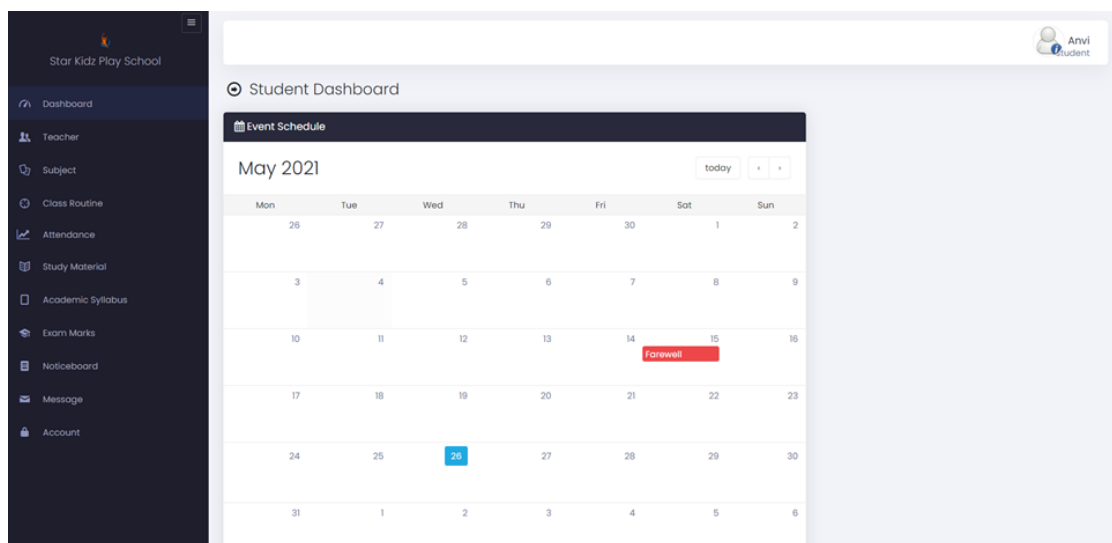


Figure 21. Student Dashboard

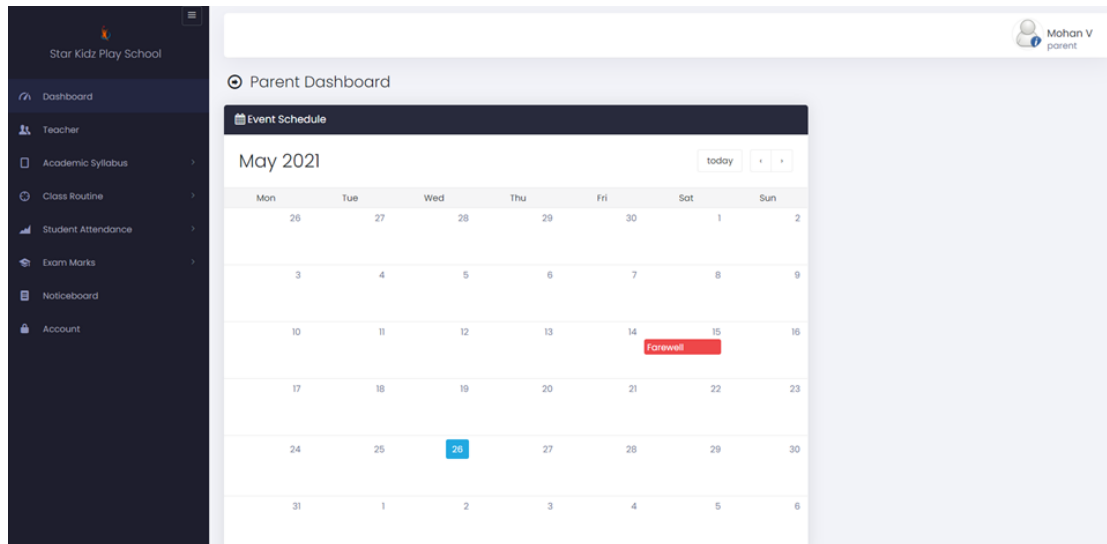


Figure 22. Parent Dashboard

5. CONCLUSION AND FUTURE SCOPE

In recent years, with the pace of technological development, people have become more and more demanding in terms of quality of life, and the students in recent years look to improve the performance of their students to get the highest rate of knowledge and experience in their students. School management systems lead to a better organization structure since the School management of the students is well structured and also leads to better as well as efficient utilization of resources.

The School Management System can be used by education institutes to maintain the records of students easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using this project

Future Work

Some ideas and features can be considered as a future work for this project. These features can be summarized in the following points:

- Library management system can be added.
- Payment of fee can be done through the portal.
- Sending marks via SMS.

6. REFERENCES

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- [4] M.A.Norasiah and A.Norhayti “Intelligent student information system.”, 4th International conference on telecommunication technology proceedings. Shah Alam, Malaysia, 0-7803-7773-7/03 2013 IEEE
- [5] CAI Chang-an, WaNG Qi, “Design and implementation of student information management system based on B/S model”, computer engineering and design, Beijing, 2012.