



**A PROJECT REPORT
ON**

“E Learning Platform”

**SUBMITTED
TO**

SHIVAJI UNIVERSITY, KOLHAPUR

IN PARTIAL FULFILLMENT FOR THE AWARD

**FOR THE DEGREE OF
MASTER OF COMPUTER APPLICATION
MCAII SEMISTER-IV**

SUBMITTED BY

MR. SUSHANT MADHUKAR GANDALWAR.

MISS. PRAJAKTA MAHENDRA GHADGE.

UNDER THE GUIDANCE OF

PROF. S.S. JADHAV

THROUGH

THE HOD

YSPM'S YASHODA TECHNICAL CAMPUS, SATARA

2022-2023



YashodaShikshanPrasarakMandal's
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Mumbai)

Affiliated to Shivaji University, Kolhapur/MSBTE, Mumbai.
NAAC Accredited Institute

Ref.No:-

Date:

CERTIFICATE

This is to certify that the project report entitled- E Learning Platform submitted by -Mr. Sushant Madhukar Gandalwar. MCA II Exam Seat No: —_____in partial fulfillment of the award of Master of Computer Application (M.C.A.) course submitted to Shivaji University, Kolhapur for the year 2022-2023 and this is a genuine and work prepared under my supervision and guidance.

To the best of knowledge and belief the matter presented in this project report has not been submitted earlier to any university for similar purpose.

Place: Satara

Date:

Guide

Examiner

HOD



YashodaShikshanPrasarakMandal's
YASHODATECHNICALCAMPUS,SATARA

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Ref.No:-

Date:

CERTIFICATE

This is to certify that the project report entitled- E Learning Platform submitted by -Miss.Prajakta Mahendra Ghadge. MCA II Exam Seat No: —_____in partial fulfillment of the award of Master of Computer Application (M.C.A.) course submitted to Shivaji University, Kolhapur for the year 2022-2023 and this is a genuine and work prepared under my supervision and guidance._

To the best of knowledge and belief the matter presented in this project report has not been submitted earlier to any university for similar purpose.

Place: Satara

Date:

Guide

Examiner

HOD

YSPM

DECLARATION

To,
The HOD,
Faculty of MCA,
YTC, Satara

Respected Sir/Madam,

I undersigned hereby declare that the project entitled “E Learning Platform” developed under the guidance of Prof.S.S.Jadhav is my original work. The information generated in this project work is based on the data collected by me.

I have not copied from any other project report submitted to Shivaji University, Kolhapur earlier.

Place:Satara

Date:

Mr. Gandalwar Sushant Madhkar.
Miss. Ghadge Prajкта Mahendra.

ACKNOWLEDGEMENT

I express my sincere gratitude to my guide Prof.S.S.Jadhav for her valuable guidance and help during the course. Without her advice and co-operation, I would not have succeeded in my endeavor. Her thoughtfulness and understanding were vast and thoroughly helpful in successful completion of the project.

I am thankful to HOD of MCA Department Dr. S. P. Jadhav for making available all the required resources and very valued constructive criticism that has driven to complete the project successfully.

I am especially thankful to those who helped me directly-indirectly in completion of this work successfully.

Place:Satara

Date:

Thank You

Mr.Sushant Madhukar Gandalwar.

Miss.Prajakta Mahendra Ghadge.

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1. Introduction to project

- **Introduction:**

Project Title: E Learning Platform

In this new era of electronics, we know the concept of e-learning which does not include the use of paper and pen. There are many advantages of e-learning system. In this e-learning system we can assign projects to students and can share documents and more easily. This system has three modules including student, faculties and Admin. Students can login, they have access to main menu, calendar, projects, documentation, to upload, view the things uploaded by the faculties, knowledge books, also send messages to faculties. Faculties can login and have access for viewing, uploading documents and projects. Admin can login and manage the faculties and student details and also view projects. This is how the new concept of e-learning came into existence, which is an easier and smarter system for colleges.

Project Guide: Prof.S.S.Jadhav

TeamMember: Two

1. Mr. Sushant Madhukar Gandalwar.
2. Miss. Prajka Mahendra Ghadge.

Existing System:

Existing System is totally manual. Storing the record of student and staff is totally File base. It is not secure. Searching a student taking more times and needs to search all old files. Tracking all student is become very complexity. As for an education year there is not process so it becomes complex for staff, admin to record.

1. More Man Power.
 2. Paper work is done
 3. Time Consuming Problem
 4. Searching Data is too difficult
- It is difficult to maintain important information in books.
 - More manual hours need to generate required reports.
 - It is tedious to manage historical data which needs much space to keep all the previous years ledgers, books etc.
 - Daily sales and purchases details must be entered into books are very difficult to maintain.

Need and Scope of Computer System:

Need:

- To E-Learning Process Work Is Fast.
- Paper work to be Remove.
- Information stored in the database, which provides data security.
- Reduce the Time Period for E-Learning System.

Scope :

- Manual work reduced.
- Proper data maintaining.
- Maintain data security.
- Unique username and password authorized to student.
- Be easy to operate.
- Be easy to understand the user and operator.
- Have a good user interface.

2. PROPOSED SYSTEM

Objectives of Proposed System:

The process of studying through electronic devices is called e-learning or electronic learning. This e-learning is also said to be online education. Computers and internet connections are the major components of e-learning. In this digital era where the technology develops rapidly, the usage rate of online education is also pretty high. Now-a-days most of the people across the globe are very familiar with the usage of smart phones, tablets, laptops. These electronic inventions made them get connected to various social networking platforms. Social media is one of the finest way of communication that enables us to share knowledge, information. latest news across the world. Online education also offers the capacity to save and share materials, e-notes in all types of formats consisting of films, slideshows, phrase files, and pdfs. Undertaking seminars (live sessions) and peaking with professors via chat and message forums is another feature provided to users.

Objectives

- Quick & streamlined flow of Information.
- Improved existing processes.
- Increased transparency & flexibility.
- Improved Decision-Making Capability.
- Improved utilization of resources.
- Reduced Business Process Cycle Time.
- Centralized database.

Requirement Engineering:

Requirement Gathering:

This is the first important phase for the project development. In that we note down what are expectations and information about the project and on this basis of the requirements we have made a list of requirements.

This is the first important phase for the project development. In the We note down what are expectations and information about the project and on this Basic of the requirement we have made a list of requirements. The Software Requirement Specification is produced at the culmination of the analysis task. The function and performance allocated to software as part of system engineering are refined by establishing a complete information description a detailed functional and behavioral description, an indication of performance requirement and design constraints, appropriate validation criteria, and other data pertinent to requirements.

Software Requirements:

To develop this website following software configuration is used.

- FrontEnd: PHP
- Back End: MySQL
- WebServer: XAMPP
- Operating System: Windows 7 and above

Hardware Requirements:

Processor	:PIV and above
RAM	: 1GB or More
HardDisk	: Minimum 80GB

3. SYSTEM ANALYSIS

3.1.1 Data Flow diagram (DFD):

➤ 0th level DFD:

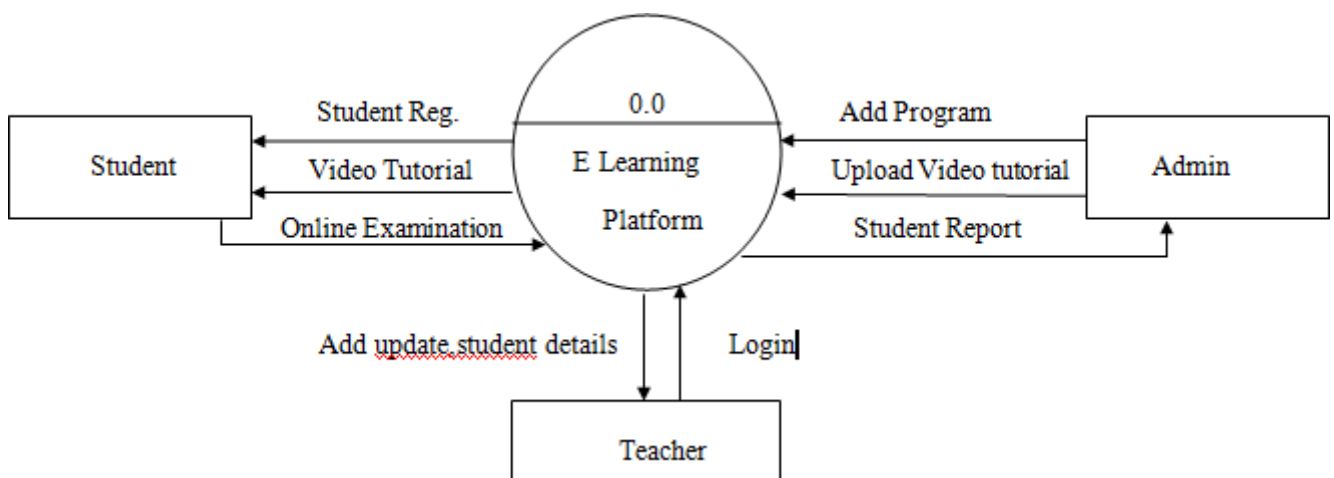


Fig.1. 0th level DFD

➤ 1stLevel DFD:

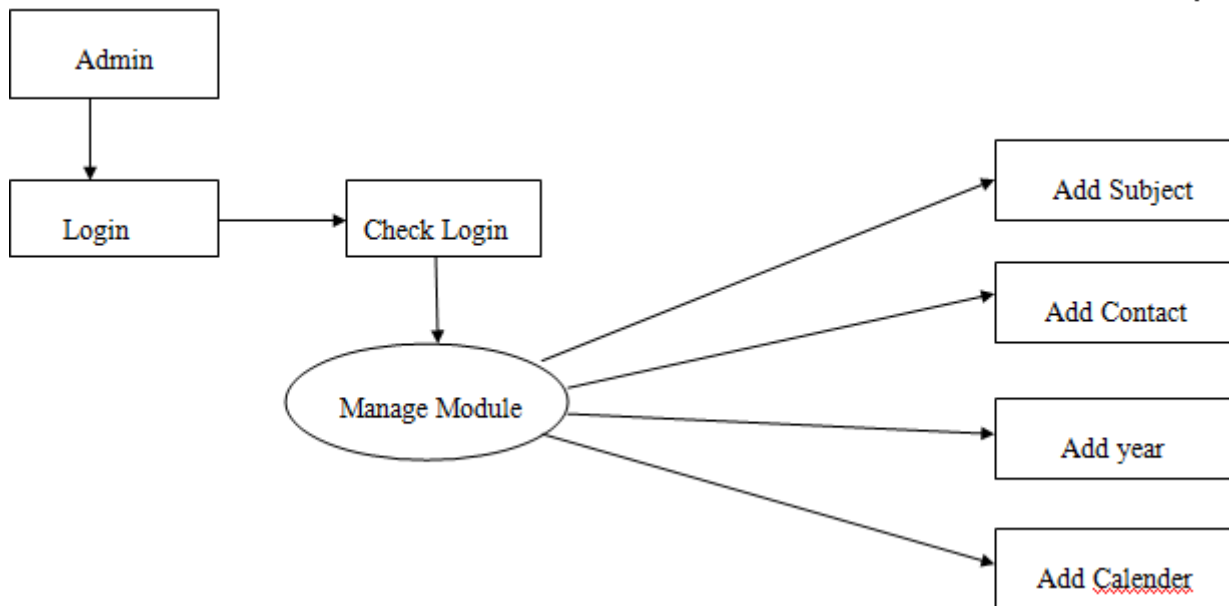


Fig.2. 1stLevel DFD

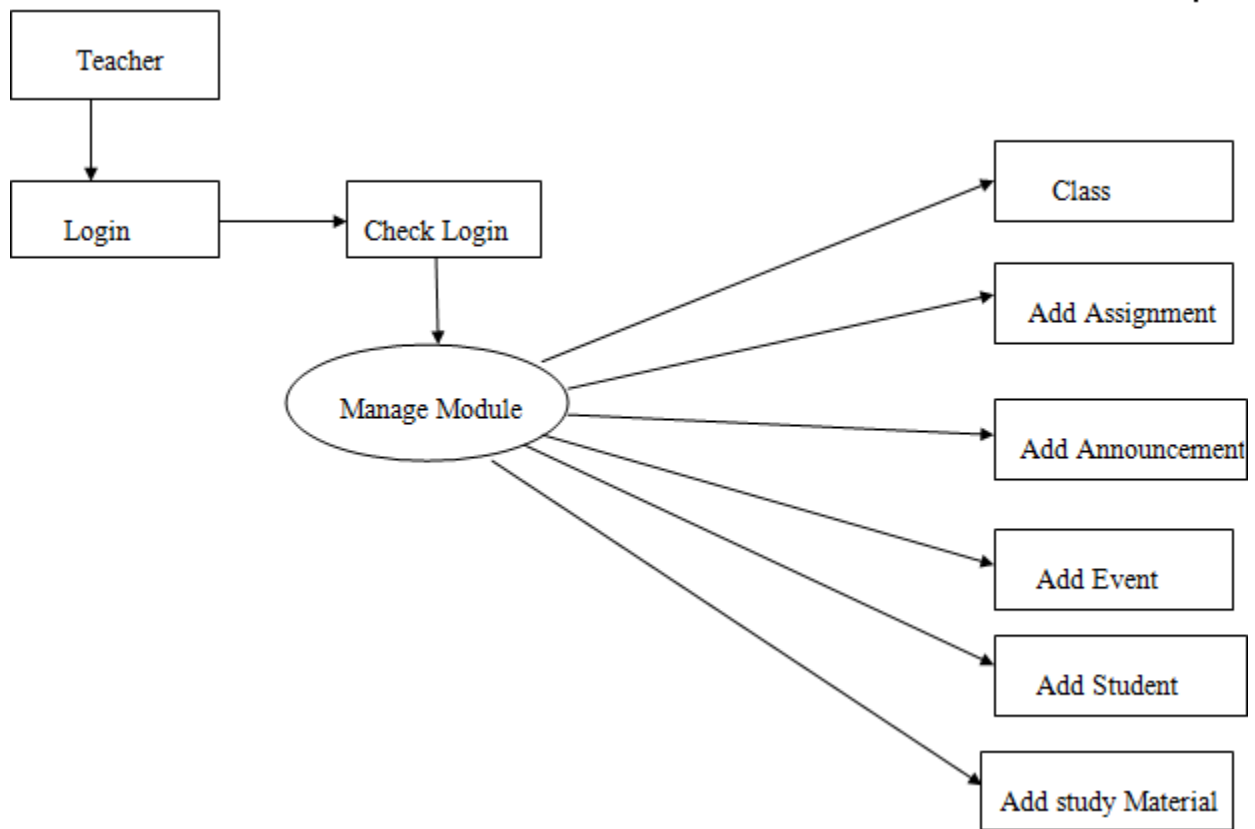
➤ 2ndLevel DFD:

Fig.3. Context Level DFD

E-R Diagram:

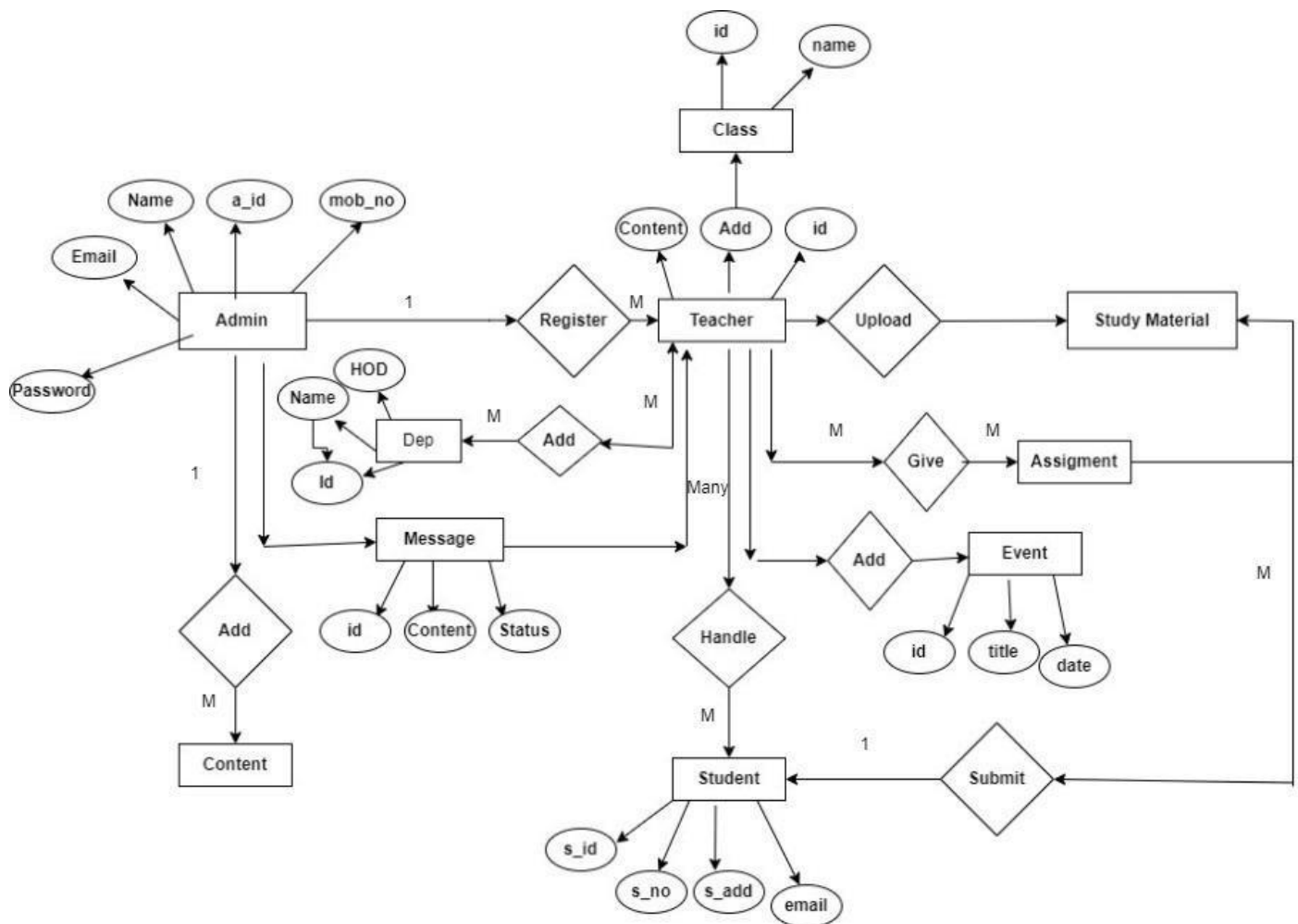
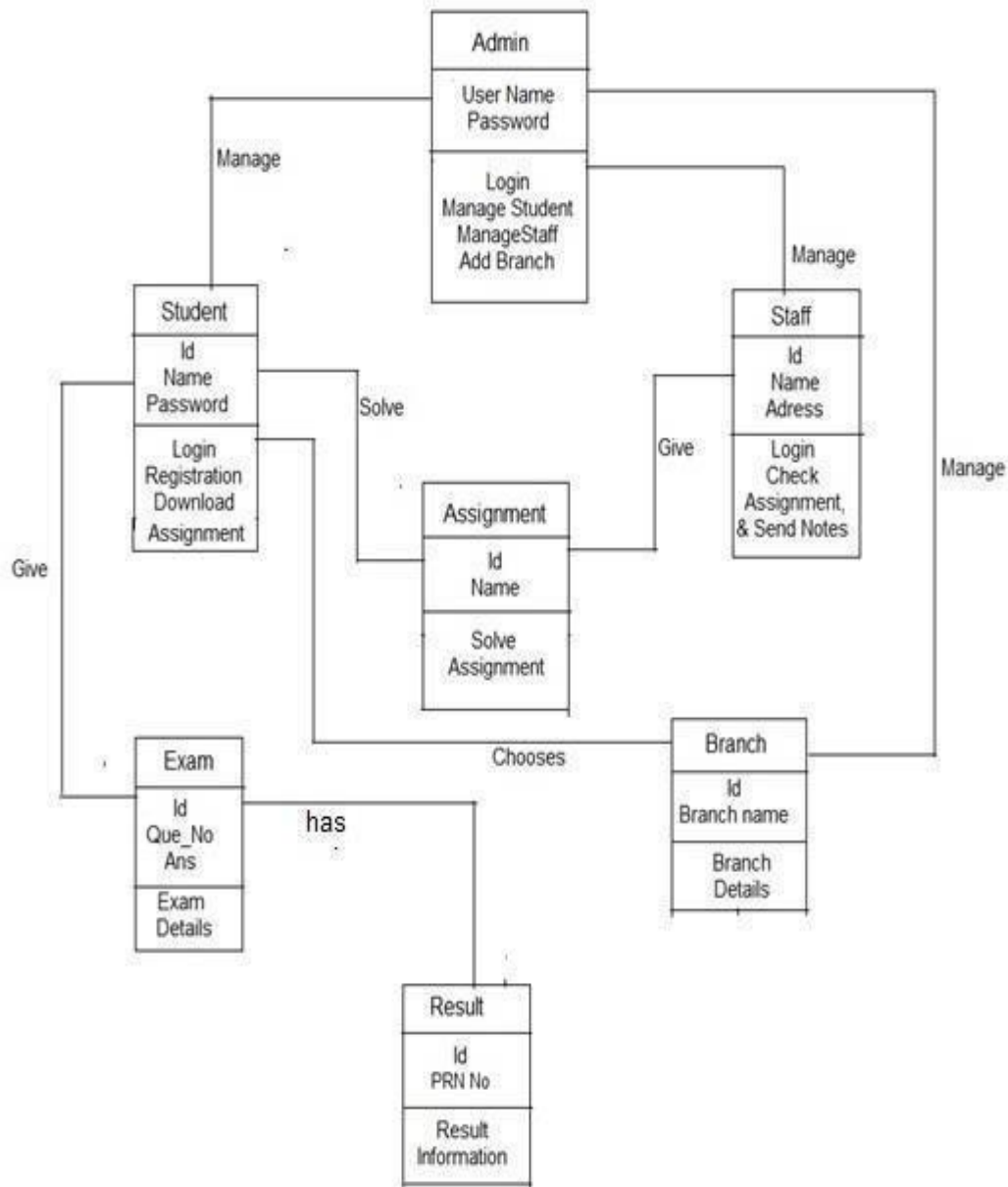


Fig.4 Entity Relationship Diagram

Class Diagram:**Fig.5 Class Diagram**

Use Case Diagram

- Admin Use Case:

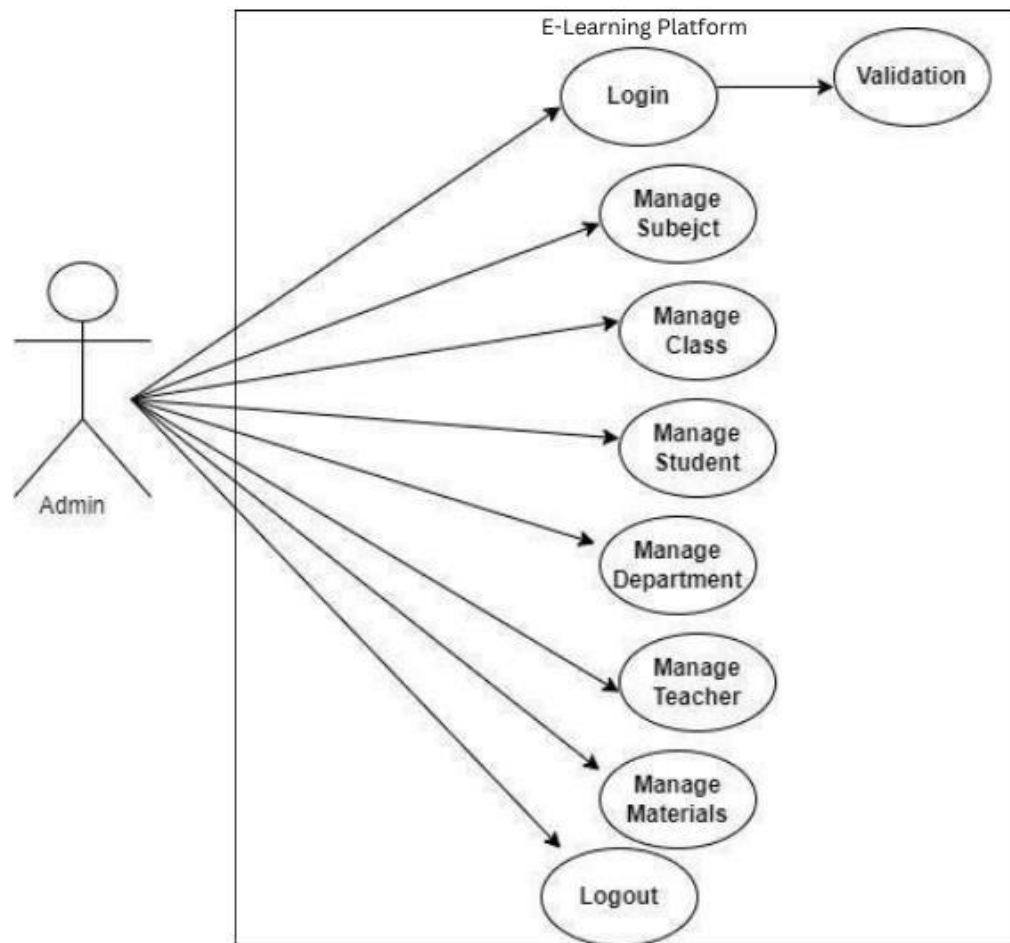


Fig.6 Admin Use Case Diagram

- **Teacher Use Case:**

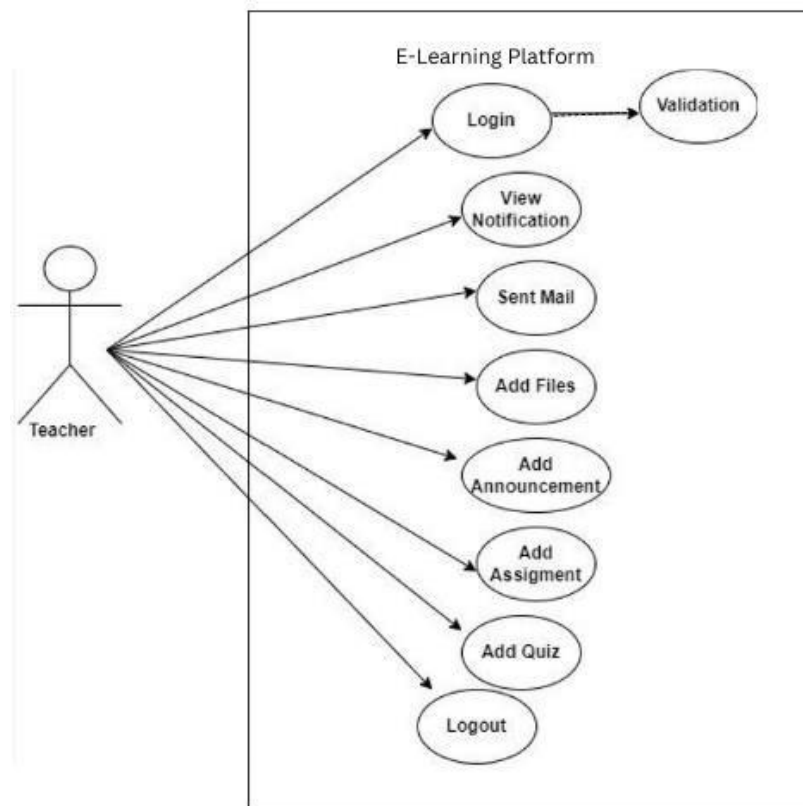
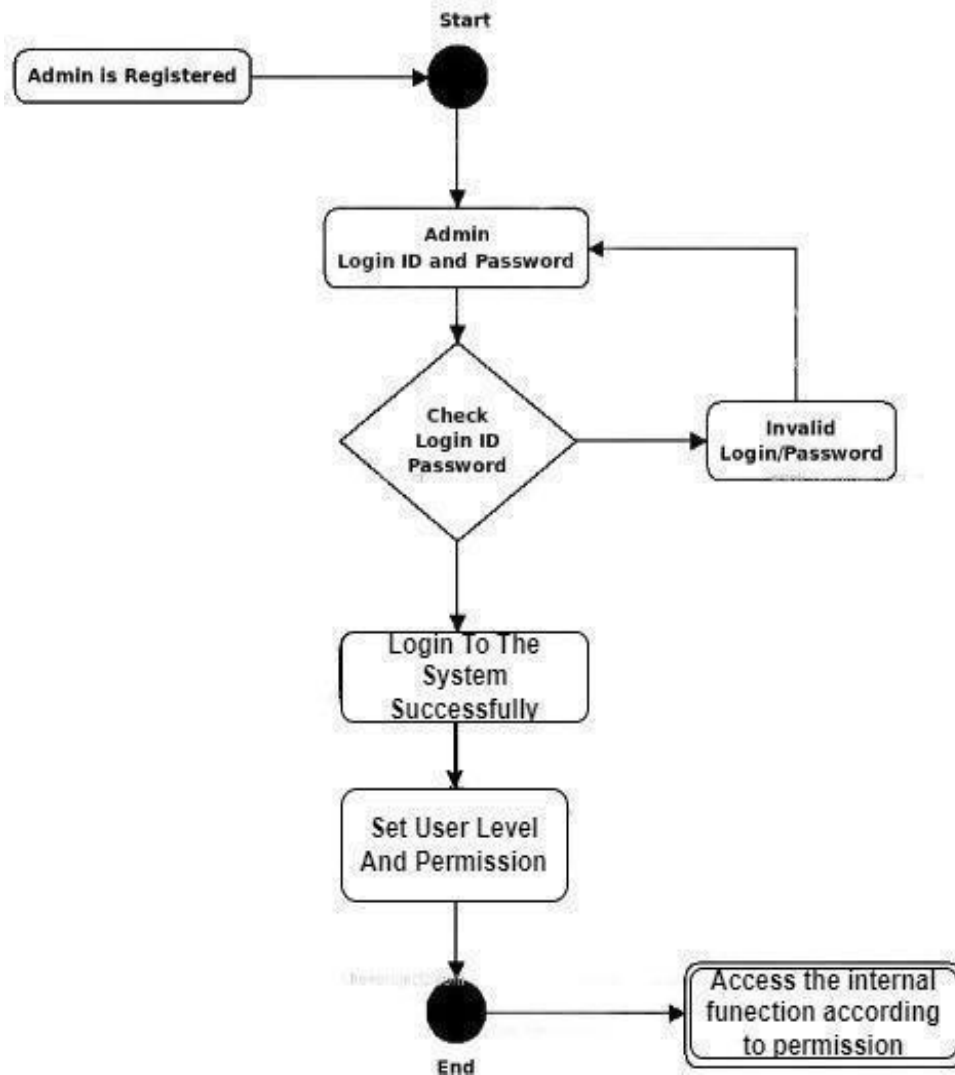
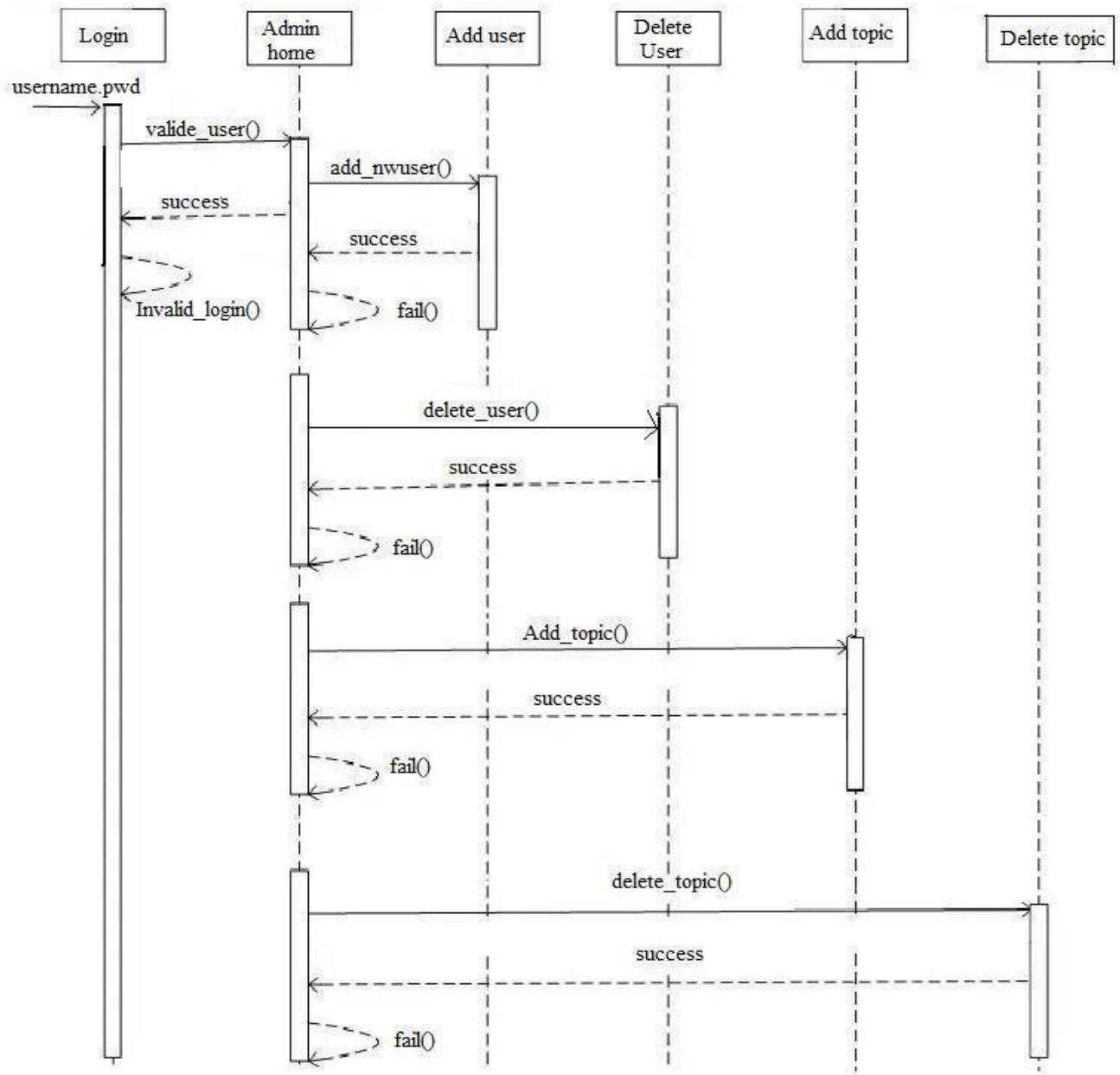
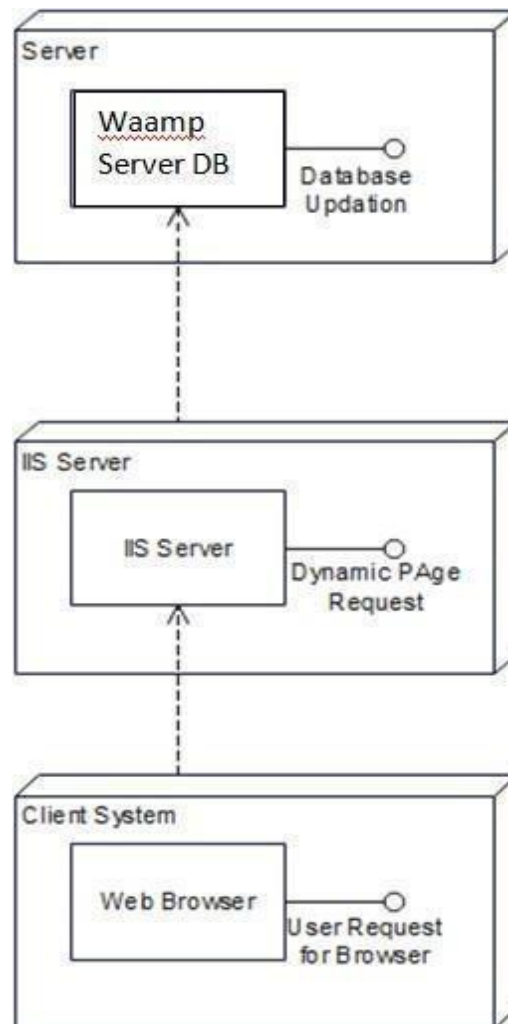


Fig.7 Teacher Use Case Diagram

Activity Diagram:**Fig.8 Activity Diagram**

Sequence Diagram -**Fig.9 Sequence Diagram**

Deployment Diagram:**Fig.10 Deployment Diagram**

4. SYSTEM DESIGN

Data Dictionary:

Table Name:- Admin Login

Data Field	Description
Id	Admin Id
Name	Admin Name
Password	Admin Password

Table Name:-Teacher Login

Data Field	Description
Id	Teacher Id
Name	Teacher Name
Password	Teacher Password

Table Name: Student

Data Field	Description
Id	Student Id
Name	Student Name
C_no.	Contact no.
E_id	Email Id

Table Name:-Subject

Data Field	Description
Sub_id	Subject Id
Sub_code	Subject code
Sub_title	Subject title

Table Name :-Department

Data Field	Description
Dep_id	Department Id
Dep_name	Department Name
Dep_Hod	Department HOD

Table Name:-Class:

Data Field	Description
Class_id	Class id
Class_name	Class Name

TableName:-Message:

Data Field	Description
Mess_id	Message Id
Receiver_id	Receiver Id
C_no.	Contact no.
Mess_status	Message Status
Sender_id	Sender Id

TableName:- Event

Data Field	Description
Event_id	Event Id
Event_title	Event Title
Date_start	Event start date
Date_end	Event end date

Database Design:**Table Name:- Admin**

Data Field	Data Type	Size	Key constraints
Id	Int	10	Primary Key
Admin Name	Varchar	10	Not Null
Username	Varchar	10	Not Null
Mobile no.	Int	10	Null
Email	Varchar	15	Null
Password	Varchar	10	Null
Address	Varchar	50	Null

Table Name:- Student

Data Field	Data Type	Size	Key Constraints
Id	Int	10	Primary Key
Name	Varchar	15	Null
Email	Varchar	15	Null
Mobile no.	Int	10	Null
Address	Varchar	50	Null
Gender	Varchar	10	Null

TableName:- Subject

Data Field	Data Type	Size	KeyConstraints
Id	varchar	30	Primary Key
Code	int	11	Null
Title	Varchar	50	Null

TableName:- Department

DataField	DataType	Size	KeyConstraints
Id	int	11	Primary Key
Name	varchar	11	Null
Head of Dep.	varchar	11	Null

TableName:- Class

Data Field	Data Type	Size	Key Constraints
Id	Int	11	Primary Key
Name	varchar	20	Null

TableName:-Message

Data Field	Data Type	Size	Key Constraints
Id	int	11	Primary Key
Contact	int	50	Null
Status	varchar	15	Null

TableName:- Event

DataField	Data Type	Size	KeyConstraints
Id	int	10	Primary Key
Title	varchar	20	Null
Class_id	Int	10	Primary Key
Date start	int	10	Null
Date End	int	10	Null

Input and Output Screens with data

Teacher Site -


Home Page :.



Class:

Welcome to: M - Learning Shital Shinde

My Class / School Year: 2022-2023



My Class

- Notification
- Message
- Backpack
- Add Downloadables
- Add Announcement
- Add Assignment
- Quiz
- Shared Files

BCA1 101 [Remove](#)

MCA2 103 [Remove](#)

BCA2 104 [Remove](#)

Add class

Class Name:

Subject:


School Year:

[Save](#)

Add Assignment:

Welcome to: M - Learning Shital Shinde

My Class / School Year: 2022-2023



My Class

- Notification
- Message
- Backpack
- Add Downloadables
- Add Announcement
- Add Assignment**
- Quiz
- Shared Files

File: [Choose File](#)

Assignment 2

Submission date 23/06/2023

Check The Class you want to put this file.

Check All ☐

	CLASS NAME	SUBJECT CODE
<input type="checkbox"/>	BCA1	101
<input checked="" type="checkbox"/>	MCA2	103
<input type="checkbox"/>	BCA2	104

[Upload](#)

Add Annoucement:

Welcome to: M - Learning Shital Shinde

My Class / School Year: 2022-2023

- My Class
- Notification
- Message
- Backpack
- Add Downloadables
- Add Annoucement**
- Add Assignment
- Quiz
- Shared Files

Source

B **I** **U** **S** **X** **X** **I**

Styles Normal Font Size

Today is holiday

body p

Check The Class you want to put this file.

Check All ☒

CLASS NAME	SUBJECT CODE
<input checked="" type="checkbox"/> BCA1	101
<input checked="" type="checkbox"/> MCA2	103
<input checked="" type="checkbox"/> BCA2	104

Post

Add Event:

M - Learning ADMIN Panel admin admin

- Dashboard
- Subject
- Class
- Admin Users
- Department
- Students
- Teachers
- Downloadable Materials
- Uploaded Assignments
- Content
- User Log
- Activity Log
- School Year
- Calendar of Events**

Calendar

June 2023

SUN	MON	TUE	WED	THU	FRI	SAT
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Add Event

Date Start

Date End

Title

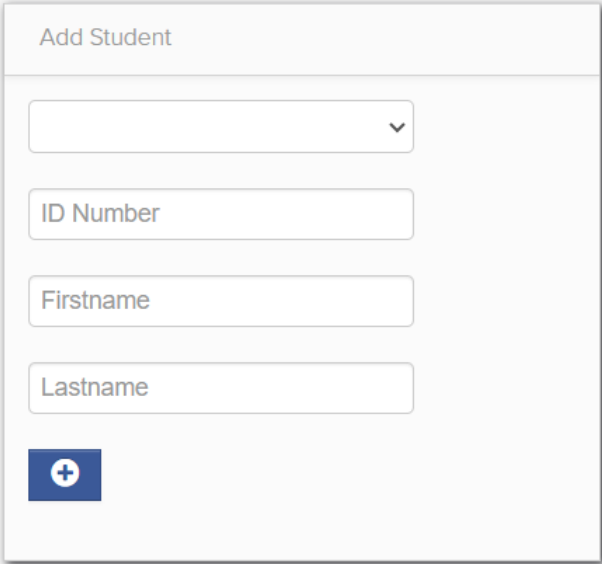
Save

EVENT	DATE	
Dance	09/15/2023 To 09/18/2023	X
Class test	06/29/2023 To 06/30/2023	X

YSPM's YTC, FACULTY OF MCA, SATARA.

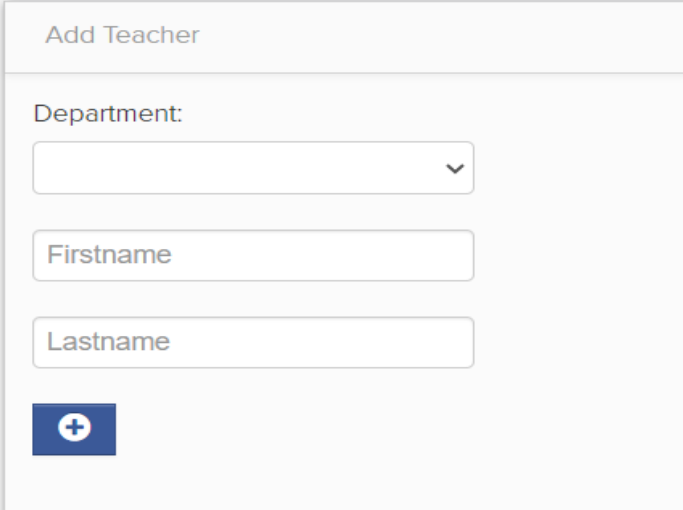
26

Add Student :



The 'Add Student' form is a light gray rectangular box with a title bar at the top. Inside the form, there is a dropdown menu at the top, followed by three text input fields labeled 'ID Number', 'Firstname', and 'Lastname'. At the bottom left of the form is a blue square button with a white plus sign.

Add Teacher:



The 'Add Teacher' form is a light gray rectangular box with a title bar at the top. Inside the form, there is a dropdown menu labeled 'Department:' at the top, followed by two text input fields labeled 'Firstname' and 'Lastname'. At the bottom left of the form is a blue square button with a white plus sign.

Add Message:

Welcome to: M - Learning Shital Shinde

Message / Inbox / School Year: 2022-2023

Create Message

For Teacher For Student

To:
 Select an Option

Content:

Send

Add Study Material:

Welcome to: M - Learning Shital Shinde

My Class / School Year: 2022-2023

File:
 capstone.sql Choose File

Assignment 2
 submission date 30/06/2023

Check The Class you want to put this file.

Check All ☐

CLASS NAME	SUBJECT CODE
<input type="checkbox"/> BCA1	101
<input checked="" type="checkbox"/> MCA2	103
<input type="checkbox"/> BCA2	104

Upload

Admin Site:

1. Add Subject:

Add Subject

← Back

Subject Code

Subject Code

Subject Title

Subject Title

Number of Units

Semester

2. Add Content:

[illegible]

3.Add Year:

The screenshot displays the 'M - Learning ADMIN Panel' interface. On the left is a sidebar menu with options: Dashboard, Subject, Class, Admin Users, Department, Students, Teachers, Downloadable Materials, Uploaded Assignments, Content, User Log, Activity Log, School Year (highlighted), and Calendar of Events. The main content area is divided into two panels. The left panel, titled 'Add School Year', contains a text input field labeled 'School Year' and a blue '+' button. The right panel, titled 'School Year List', features a trash icon, a dropdown for '10 records per page', a search bar, and a table of school years. The table has a header 'SCHOOL YEAR' and two rows: '2021-2022' and '2022-2023', each with a checkbox and an edit icon. At the bottom, it shows 'Showing 1 to 2 of 2 entries' and pagination controls for 'Previous', '1', and 'Next'.

4.Add Calender:

The screenshot shows the 'M - Learning ADMIN Panel' with the 'Calendar of Events' selected in the sidebar. The main area is split into two sections. The left section, titled 'Calendar', shows a monthly view for 'June 2023' with a grid of dates from 1 to 30. The right section, titled 'Add Event', contains a form with fields for 'Date Start', 'Date End', and 'Title', a 'Save' button, and a table with columns 'EVENT' and 'DATE'.

5. IMPLEMENTATION

System Requirements

Hardware Requirements-

- RAM: 4 GB
- HardDisk: 1TB

Software Requirements-

- FrontEnd:PHP
- Back End:MySQL
- WebServer:XAMPP
- OperatingSystem: Windows7 and above

- **Detail Description of Technology Used:**

There are two kinds of language have a use in “GS Foods” one is programming language and other is database language. Front end, I have used PHP, JavaScript, html, CSS and backend, I have used MySQL database language in my “GS Foods”.

Programming language and markup language : HTML,CSS,PHP

Color script language : CSS.

Database language : MySQL.

1) HTML:-

HTML is the standard markup language used to create web pages. Web browsers can read HTML files and render them into visible or audible web pages. HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items.

2) PHP:

PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages. PHP is a widely-used, free, and efficient alternative to competitors such as Microsoft's ASP.

This language helps to develop logical function in website. I have used PHP in different section for creating function such as “database connection” , “Admin/User login validation”, “Data insert, Update, retrieve and delete.”

Features

- PHP runs on different platforms (Windows, Linux, UNIX, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS, etc.)
- PHP is FREE to download from the official PHP resource: www.php.net
- PHP is easy to learn and runs efficiently on the server side.
- PHP code is executed on the server, and the plain HTML result is sent to the browser

Common uses of PHP:

- PHP performs system functions, i.e. from files on a system it can create, open, read, and write, and close them.
- PHP handles data forms, i.e. gather data from files, save data to file.
- You add, delete, and modify elements within your databases through PHP.
- Using PHP, you can restrict users to access some pages of your website.

3) CSS :-

Cascading style sheet is a style sheet language. That mostly used to design website.

I have used this style sheet language in different section in my project. Such as “adminpanel”,

CSS stands for Cascading Style Sheets. It is a style sheet language which is used to describe the look and formatting of a document written in markup language. It provides an additional feature to HTML. It is generally used with HTML to change the style of web pages and user interfaces. It can also be used with any kind of XML documents including plain XML, SVG and XUL.

Design, home page “top navigation drop down bar” design.

a. Multiple Device Compatibility

MySQL[BackEnd]

MySQL is a relational database management system based on the Structured Query Language, which is the popular language for accessing and managing the records in the database. MySQL is open-source and free software under the GNU license. It is supported by **Oracle Company**.

Our MySQL tutorial includes all topics of MySQL database that provides for how to manage database and to manipulate data with the help of various SQL queries. These queries are: insert records, update records, delete records, select records, create tables, drop tables, etc. There are also given MySQL interview questions to help you better understand the MySQL database.

My SQL Database

It is very important to understand the database before learning MySQL. A database is an application that stores the organized collection of records. It can be accessed and managed by the user very easily. It allows us to organize data into tables, rows, columns, and indexes to find the relevant information very quickly. Each database contains distinct **API** for performing database operations such as creating, managing, accessing, and searching the data it stores. Today, many databases are available like MySQL, Sybase, **Oracle**, **MongoDB**, **PostgreSQL**, **SQL Server**, etc. In this section, we are going to focus on mainly

MySQL is a **Relational Database Management System** (RDBMS) software that provides many things, which are as follows:

- It allows us to implement database operations on tables, rows, columns, and indexes.
- It defines the database relationship in the form of tables (collection of rows and columns), also known as relations.
- It provides the Referential Integrity between rows or columns of various tables.
- It allows us to update the table indexes automatically.

MySQL: Features:

- **Eaasy to use**

MySQL is easy to use. We have to get only the basic knowledge of SQL. We can build and interact with MySQL by using only a few simple SQL statements.

- **It is secure**

MySQL consists of a solid data security layer that protects sensitive data from intruders. Also, passwords are encrypted in MySQL.

- **Client/ Server Architecture**

MySQL follows the working of a client/server architecture. There is a database server (MySQL) and arbitrarily many clients (application programs), which communicate with the server; that is, they can query data, save changes, etc.

- **Free to download**

MySQL is free to use so that we can download it from MySQL official website without any cost.

- **It is scalable**

MySQL supports multi-threading that makes it easily scalable. It can handle almost any amount of data, up to as much as 50 million rows or more. The default file size limit is about 4 GB. However, we can increase this number to a theoretical limit of 8 TB of data.

- **Speed**

MySQL is considered one of the very fast database languages, backed by a large number of the benchmark test.

- **High Flexibility**

MySQL supports a large number of embedded applications, which makes MySQL very flexible.

6 REPORTS

1. View Subject:

M - Learning ADMIN Panel admin admin

Dashboard | **Subject** | Class | Admin Users | Department | Students | Teachers | Downloadable Materials | Uploaded Assignments | Content | User Log | Activity Log | School Year | Calendar of Events

Add Subject

Subject List

10 records per page Search:

SUBJECT CODE	SUBJECT TITLE	
101	Java programming	
102	Data Structure	
103	Programming Languages	
104	English	
IS 221	Application Development	
IS 222	Network and Internet Technology	
ACCTG 2	Fundamentals of Accounting 2	

2. View Class:

M - Learning ADMIN Panel admin admin

Dashboard | **Subject** | **Class** | Admin Users | Department | Students | Teachers | Downloadable Materials | Uploaded Assignments | Content | User Log | Activity Log | School Year

Add Class

Class Name:

Class List

10 records per page Search:

COURSE YEAR AND SECTION	
MCA1	
MCA2	
BCA1	
BCA2	
BCA3	

Showing 1 to 5 of 5 entries Previous 1 Next

3. View Department:

M - Learning ADMIN Panel admin admin

- Dashboard
- Subject
- Class
- Admin Users
- Department**
- Students
- Teachers
- Downloadable Materials
- Uploaded Assignments
- Content
- User Log
- Activity Log
- School Year

Add Department

Department

Person Incharge

+

Department List

10 records per page Search:

DEPARTMENT	PERSON IN-CHARGE	
<input type="checkbox"/> BCA	Shital	
<input type="checkbox"/> MCA	ram	
<input type="checkbox"/> MBA	sham	

Showing 1 to 3 of 3 entries

Previous 1 Next

4. View Student:

M - Learning ADMIN Panel admin admin

- Dashboard
- Subject
- Class
- Admin Users
- Department
- Students**
- Teachers
- Downloadable Materials
- Uploaded Assignments
- Content
- User Log

Add Student

ID Number

Firstname

Lastname

+










Student List

All Unregistered Registered

10 records per page Search:

NAME	ID NUMBER	COURSE YR & SECTION	
<input type="checkbox"/> Rutuja Deshmukh	21101131		
<input type="checkbox"/> Vijaya Mohite	21101151		
<input type="checkbox"/> Ram Shinde	21100867		
<input type="checkbox"/> Prajka Ghadge	2700372		
<input type="checkbox"/> Sushant Gandaiwar	21100324		

5. View Teachers List:

	▲ PHOTO	NAME	USERNAME		
<input type="checkbox"/>		Shital Shinde	1001		
<input type="checkbox"/>		Sham Sir	1002		
<input type="checkbox"/>		Pawar Sir	1003		

6. View Event:

EVENT	DATE	
Dance	09/15/2023 To 09/18/2023	
Class test	06/29/2023 To 06/30/2023	

7. CONCLUSION

- **Conclusion:**

The system's scope encompasses user management, data maintenance by the admin, document distribution by teachers, practice quizzes, and assignments for students. It addresses the current educational landscape by facilitating remote learning, offering easy access to learning materials, promoting self-assessment and practice, and enforcing time limits for quizzes. The centralized administration ensures accurate data management and efficient system operations.

By adopting this proposed M-Learning system, educational institutions, teachers, and students can benefit from enhanced accessibility, flexibility, and efficiency in teaching and learning processes. The system promotes effective collaboration, engagement, and personalized learning experiences, contributing to improved educational outcomes.

It's worth noting that the actual development and implementation of the system would require detailed planning, analysis of specific requirements, and collaboration with relevant stakeholders. Regular feedback and iterative improvements would be crucial for ensuring that the system meets the evolving needs of users and provides a seamless online learning experience.

- **Limitations of the system:**

1: Technical Requirements:

The system may require specific hardware or software specifications, such as a stable internet connection and compatible devices, which could limit accessibility for users with limited resources or older technology.

2: Learning Curve:

Users, particularly teachers and students who are not familiar with online learning platforms, may require some time and training to become proficient in using the system effectively. The learning curve could potentially impact initial adoption and usage.

3: Connectivity Issues:

Reliance on an internet connection poses the risk of connectivity issues, which may disrupt access to the system or hinder smooth communication and submission of assignments, particularly in areas with unreliable internet infrastructure.

4: Limited Interactivity:

While the proposed system provides features for document sharing, quizzes, and assignments, it may not fully replicate the interactive and collaborative nature of in-person classroom environments. Certain activities, such as hands-on experiments or group projects, may be more challenging to facilitate through the system.

- **Suggestions:**

1: User-Friendly Interface:

Focus on creating an intuitive and user-friendly interface that requires minimal training and support. Implement clear instructions, tooltips, and contextual help features to assist users in navigating the system.

2: Offline Access:

Consider incorporating offline capabilities into the system, allowing users to access certain content and perform basic tasks even without an internet connection. This can help mitigate connectivity issues and ensure continuous learning.

3: Mobile App: Develop a dedicated mobile application for the M-Learning system to improve accessibility and provide a seamless experience on smartphones and tablets. The app can offer offline access, push notifications, and optimized interfaces for smaller screens.

8.ANNEXURE

Source Code

- Add Subject (add_subject.php):**

```

<?php include('header.php'); ?>
<?php include('session.php'); ?>
<body>
    <?php include('navbar.php'); ?>
    <div class="container-fluid">
        <div class="row-fluid">
            <?php include('subject_sidebar.php'); ?>

            <div class="span9" id="content">
<div class="row-fluid">

    <!-- block -->
    <div class="block">
        <div class="navbar navbar-inner block-header">
            <div class="muted pull-left">Add Subject</div>
        </div>
        <div class="block-content collapse in">
            <a href="subjects.php"><i class="icon-
arrow-left"></i> Back</a>

            <form class="form-horizontal"
method="post">

                <div class="control-group">
                    <label class="control-
label" for="inputEmail">Subject Code</label>

                    <div class="controls">
                        <input type="text"
name="subject_code" id="inputEmail" placeholder="Subject Code">

                    </div>
                </div>

                <div class="control-group">
                    <label class="control-
label" for="inputPassword">Subject Title</label>

                    <div class="controls">
                        <input type="text"
class="span8" name="title" id="inputPassword" placeholder="Subject Title" required>

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

```



```

<?php include('header_dashboard.php'); ?>
<?php include('session.php'); ?>
<body id="class_div">
    <?php include('navbar_teacher.php'); ?>
    <div class="container-fluid">
        <div class="row-fluid">
            <?php include('teacher_add_assignment_sidebar.php'); ?>
            <div class="span9" id="content">
                <div class="row-fluid">
                    <!-- breadcrumb -->
                    <ul class="breadcrumb">
                        <?php
                            $school_year_query =
mysql_query($conn,"select * from school_year order by school_year DESC")or
die(mysql_error());
                                $school_year_query_row
= mysqli_fetch_array($school_year_query);
                                $school_year =
                                ?>
                                <li><a href="#"><b>My
Class</b></a><span class="divider"></span></li>
                                <li><a href="#">School
Year: <?php echo $school_year_query_row['school_year']; ?></a></li>
                                </ul>
                                <!-- end breadcrumb -->
                                <!-- block -->
                                <div class="block">
                                    <div class="navbar navbar-inner block-header">
                                        <div id="count_class" class="muted pull-right">
                                            </div>
                                        </div>
                                    <div class="block-content collapse in">
                                        <div class="span4">
                                            <form
class="" id="add_downloadble" method="post" enctype="multipart/form-data"
name="upload" >
                                                <div class="control-group">
                                                    <label class="control-label" for="inputEmail">File</label>
                                                    <div class="controls">
                                                        <input name="uploaded_file" class="input-file uniform_on"
id="fileInput" type="file" >
                                                        <input type="hidden" name="MAX_FILE_SIZE"
value="1000000" />
                                                        <input type="hidden" name="id" value="<?php echo $session_id
?>" />

```

```

</div>
</div>

<script>
    jQuery(document).ready(function($){
        $("#add_downloadble").submit(function(e){
            $.jGrowl("Uploading File Please Wait.....", {
                sticky: true });

            e.preventDefault();
            var _this = $(e.target);
            var formData = new FormData($(this)[0]);
            $.ajax({
                type: "POST",
                url: "add_assignment_save.php",
                data: formData,
                success: function(html){
                    $.jGrowl("Assignment
Successfully Added", { header: 'Assignment Added' });
                    window.location =
'add_assignment.php';
                },
                cache: false,
                contentType: false,
                processData: false
            });
        });
    });
</script>

</div>
<div
class="span8">

    <div class="alert alert-info">Check The Class you want to put this
file.</div>

    <div class="pull-
left">
        Check All <input
type="checkbox" name="selectAll" id="checkAll" />

    <script>
        $("#checkAll").click(function () {
            $('input:checkbox').not(this).prop('checked', this.checked);
        });
    </script>

    </div>

    <table
cellpadding="0"
cellspacing="0" border="0"
class="table" id="">

        <thead>

            <tr>

                <th></th>

                <th>Class
Name</th>

                <th>Subject
Code</th>

            </tr>

            <tbody>

                <tr>

                    <td>

                        <?php $query =
mysql_query($conn,"select
* from teacher_class

```

LEFT JOIN class ON

class.class_id = teacher_class.class_id

LEFT

JOIN subject ON subject.subject_id = teacher_class.subject_id

where

teacher_id = '\$session_id' and school_year = '\$school_year' ")or die(mysql_error());

\$count =

mysqli_num_rows(\$query);

</form>

while(\$row = mysqli_fetch_array(\$query)){

</div>

\$id =

</div>

\$row['teacher_class_id'];

</div>

<!-- /block -

?>

>

<tr

</div>

id="del"<?php echo \$id; ?>">

<td width="30">

</div>

<input id="" class="" name="selector[]" type="checkbox" value="<?php echo \$id; ?>">

<?php/*

include('teacher_right_side
ar.php') */?>

</td>

</div>

<td><?php echo \$row['class_name']; ?></td>

<?php

include('footer.php'); ?>

<td><?php echo \$row['subject_code']; ?></td>

</tr>

</div>

<?php } ?>

<?php
include('script.php'); ?>

</body>

</html>

</tbody>

</table>

</div>

<div class="span10">

<hr>

<center>

<div

class="control-group">

<div class="controls">

<button name="Upload" type="submit" value="Upload" class="btn btn-
success" /><i class="icon-upload-alt"></i> Upload</button>

</div>

</div>

</center>

9 REFERENCES

- [PHPPROFESSIONALPROJECTS](#)
- [TheJoyOfPHP](#)
- [PHPfortheWeb](#)
- www.w3school.com
- www.tutorialspoint.com
- www.bootstrap.com