A Project Report On

Department management system

Submitted By

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Submitted To

SHIVAJI UNIVERSITY KOLHAPUR

FOR THE AWARD OF

BACHELOR OF COMPUTER APPLICATAION

(B.C.A-III) SEM –VI

Under The Guidance of

Professor. Sneha R.Hawaldar

Through

SADASHIVRAO MANDLIK MAHAVIDYALAYA MURGUD

TAL- KAGAL. DIST- KOLHAPUR

2023-2024

SADASHIVRAO MANDLIK MAHAVIDYALAYA
MURGUD
TAL-KAGAL. DIST- KOLHAPUR.

CERTIFICATE

This is to certify that the projectentitled"Department Management system" submitted by**Vinayak NamdevPatil** To Shivaji University Kolhapur, in partial fulfillment of the degree of (B.C.A-II) SEM –IV. This project work has been carried out under my guidance.The conclusion drawn by they are based on work done and data collected by them during project work. To the best of our knowledge and belief, the matter presented here has not been submitted earlier.

Date:

Place: Murgud

HOD	**EXAMINER**	**GUIDE**
Prof. Mr.Vinayak.S.Mane	1.	Prof.Sneha R.Hawaldar

Student Declaration:

I am ,Vinayak Namdev Patil declare that this project titled **"[Department Management System]"** is entirely our own work. Any sources of information and assistance have been acknowledged, and the project contents have not been copied from any other work. We confirm that this project has not been submitted for any other course or degree and that all the data, software, and resources used in this project are appropriately cited and referenced.

Furthermore, we declare that we have read and understood the guidelines on plagiarism provided by our institution, and we acknowledge the potential consequences of academic misconduct.

Signed:

[Vinayak Namdev Patil]

-: ACKNOWLEDGEMENT:-

I would like to express my deepest appreciation to all those who provided me the possibility to complete this project .This project is done as a semester project. We are really thankful to our Course instructor, **Prof.Mr.V.S.Mane**. Assistant Professor, Department of BCA, for her invaluable guidance and assistance, without which the accomplishment of the task would have never been possible.

In our present project we have chosen the topic- "Department Management System". This report contains the complete computerized management of Student and staff . This system reflects standard structure so that any Products Selling Management system can implements this system easily in the existing System. This system works to reduce the human efforts. Due to totally Computerized occurrence of error is less. This system works smoothly when used. We are also thankful to friends who have supported us in the successful completion of this project.

Thanking You,

Vinayak Namdev Patil.

A Project Report
On
Department Management System

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Introduction to project

Introduction:

Department management System is Website for manage student record .it is store the all data of student Department management System is a Web based billing website designed for uses in computer stores.

The system works to reduce the human efforts. Due to totally Computerized occurrence of error is less & works smoothly. It is user friendly system.

The Website Application has the following three main components:-

1. Implement of new user to register and login.
2. Implement user to download any topic notes.
3. Implement the user to downloads and see the notes .

EXISTING SYSTEM:

Manual System:

Manual System is very time consuming and has lot of paperwork. It is not much accurate and ambiguity exists in the manual system. Number of registers has to be maintained. Calculations should be done manually. Stock has to be checked often.

The Department management is working manually. The current system is very time consuming and costly, because it involve lot of paper work. To manually handle such a system is very difficult task. But now-a-days because of computerization this job is becoming easier.

Need and scope of System

Department Management System Is to Develop php based software to support for daily record attendance of student and maintain the all information of, system related items. This software will be "very useful for the Big Department, as well as the Student. It will perform as the required task of 'automation of product by itself in a systematic way. It will also save lots of time. as, it will prove very economical in every respect.

This Department Management System will be used for register the student and maintain student data .

It provide many facilities to student for learn properly .The admin can save or see the all information about the student.

Organization Profile

NAME OF ORGANIZATION: **Sadashivrao mandlik mahavidyalaya murgud**

ADDRESS: A/p shindevadi tal.kagal dist Kolhapur.

Mobile No: 7620826867

ESTABLISHMENT: 1960

AREA OF WORK: **Sadashivrao mandlik mahavidyalaya murgud**

2) Proposed System

To reduce the inconvenience that found in the current system, it has been automated so as to provide user friendly GUI that will help data entry. This also includes report generation.

The proposed system is created in C# Asp.net tool as a Front end and Back end SQL database. The proposed system deals with very popular interface tool i.e. C# Asp.net as Front end; hence it provides well-placed controlled information to the end user.

The database is used i.e. SQL Server Management Studio is faster and well-designed tool to the user for quick manipulation with it.

The proposed system has better I/O capabilities of each the user skills while interacting with the system

The retrieval of the records is much faster than the present system. Hence it causes in saving users time for the further work.

The user can have fast interaction with system by inserting, deleting, updating records etc. Because not only the front end provides the faster interaction with the records but the back end database also provides the proper interaction with the records and gives or prompts the information/messages to the end user if he/she making error during work.

The proper labelling on the proposed system acts as the manual for the new user. Searching feature is quite faster than the present system since it searches directly from the system that is from the front end. The screening of the records is very clear and précised because of the grid control used which acts like table in the database. To fire a search query to the database, user need not have to go to the database for searching the records. Hence he/she can search from the front end itself.

OBJECTIVE:

- The main objective of the project is to design and develop a user friendly system.
- Easy to use and an efficient computerized system.
- To develop an accurate and flexible system, it will eliminate data redundancy.
- Computerization can be helpful as a means of saving time and money.
- To provide better Graphical User Interface (GUI).
- Less chances of information leakage.
- Provides Security to the data by using login and password method.

ADVANTAGES OF PROPOSED SYSTEM:

The first advantage of the proposed system is that its front end provides easy and précised information to the user to interact with the system and hence it is faster to complete the work.

The next advantage of the present system is that its faster capability to interact with the database. Even the database also provides its inbuilt features to maintain the records. It also provides the security to the records from the system itself and also from the database itself. Hence it prevents the database conjunction.

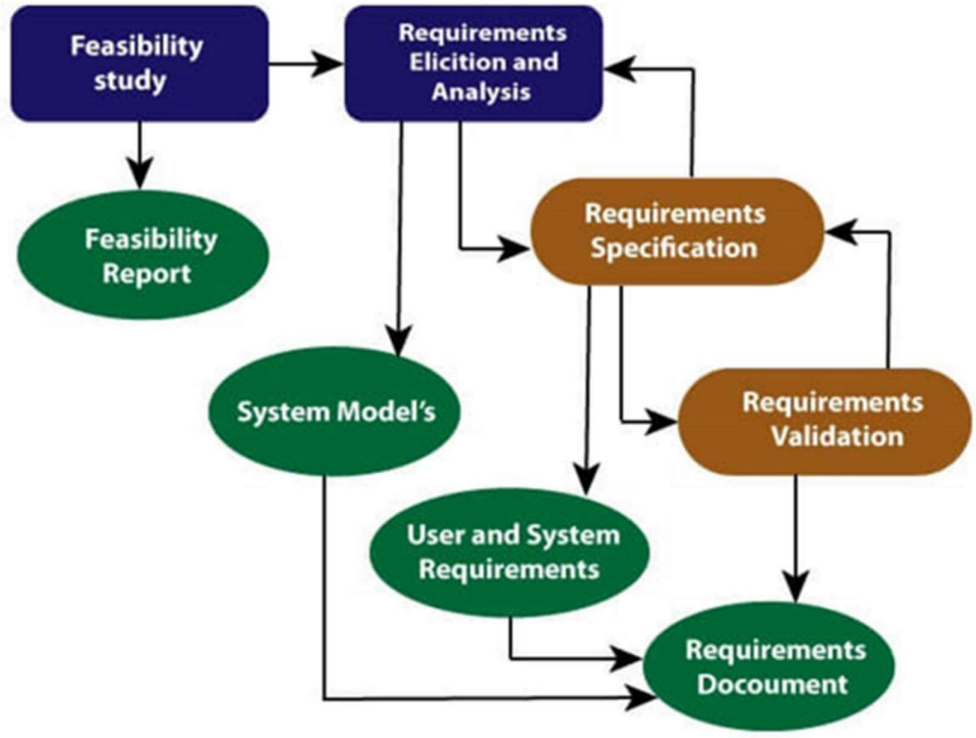
Another advantage of the proposed system is its faster capability to search the records from the database.

- The proposed system provides both with the mouse or keyboard handling features to interact with the system
- To increase efficiency with reduced cost.
- To reduce the burden of paper work.
- To save the time of recording details of every work undertaken by shop.
- To check that the request for particular product is available
- To generate reports easily.

Requirement Engineering

Requirements engineering (RE) refers to the process of defining, documenting, and maintaining requirements in the engineering design process. Requirement engineering provides the appropriate mechanism to understand what the customer desires, analyzing the need, and assessing feasibility, negotiating a reasonable solution, specifying the solution clearly, validating the specifications and managing the requirements as they are transformed into a working system. Thus, requirement engineering is the disciplined application of proven principles, methods, tools, and notation to describe a proposed system's intended behavior and its associated constraints. Requirement Engineering Process It is a four-step process, which includes –

1. Feasibility Study
2. Requirement Elicitation and Analysis
3. Software Requirement Specification
4. Software Requirement Validation
5. Software Requirement Management



Requirement Engineering Process

Requirement Gathering

Phases of System Development Life Cycle:

PLANNING PHASE:

The primary objectives of these phases are to identify the scope of the new system, ensures that the project is feasible, develop a schedule, allocate resources, and budget for the remainder of the project. The following are the five activities in the project-planning phase:

- Define the problem.
- Confirm project feasibility.
- Produce the project schedule.
- Staff the project.
- Launch the project.

ANALYSIS PHASE:

The primary objectives of these phases are to understand the business needs and the processing requirements of the new system. Analysis is essentially a discovery process. The key words to drive the activities during analysis are discovery and understanding. There are six primary activities considered part of this phase:

- Gather information
- Define system requirements
- Build prototypes for discovery of requirements
- Prioritize requirements
- Generate and evaluate alternatives
- Review recommendations with management

DESIGN PHASE:

The objective of design phase is to design solution system. High-level design consists of developing an architectural structure for software programs, database, the user interface, and the operating environment. Low-level design emails developing the detailed algorithms and data structure that are required for program development. The design phase utilizes is its input the information obtained during the analysis phase. Seven major activities must be done during design. Design activities are closely interrelated and generally have substantial overlap

- Design the application architecture
- Design user interfaces
- Design system interfaces
- Design the integrated database
- Prototype for design details

Design and integrating the system controls

IMPLEMENTATION PHASE:

During the implementation phase, the final system is built, leads, and installed. The objectives of these phases are not only to have reliable, working information system but also to ensure that the users are all trained and that the business is benefiting. All the prior activities come together during this phase to culminate in an operational system. Six major activities make up the
Implementation phase:

- Construct software components
- Verify the test
- Develop prototypes for tuning
- Convert data
- Train and document

SRS (Software Requirement Specification):

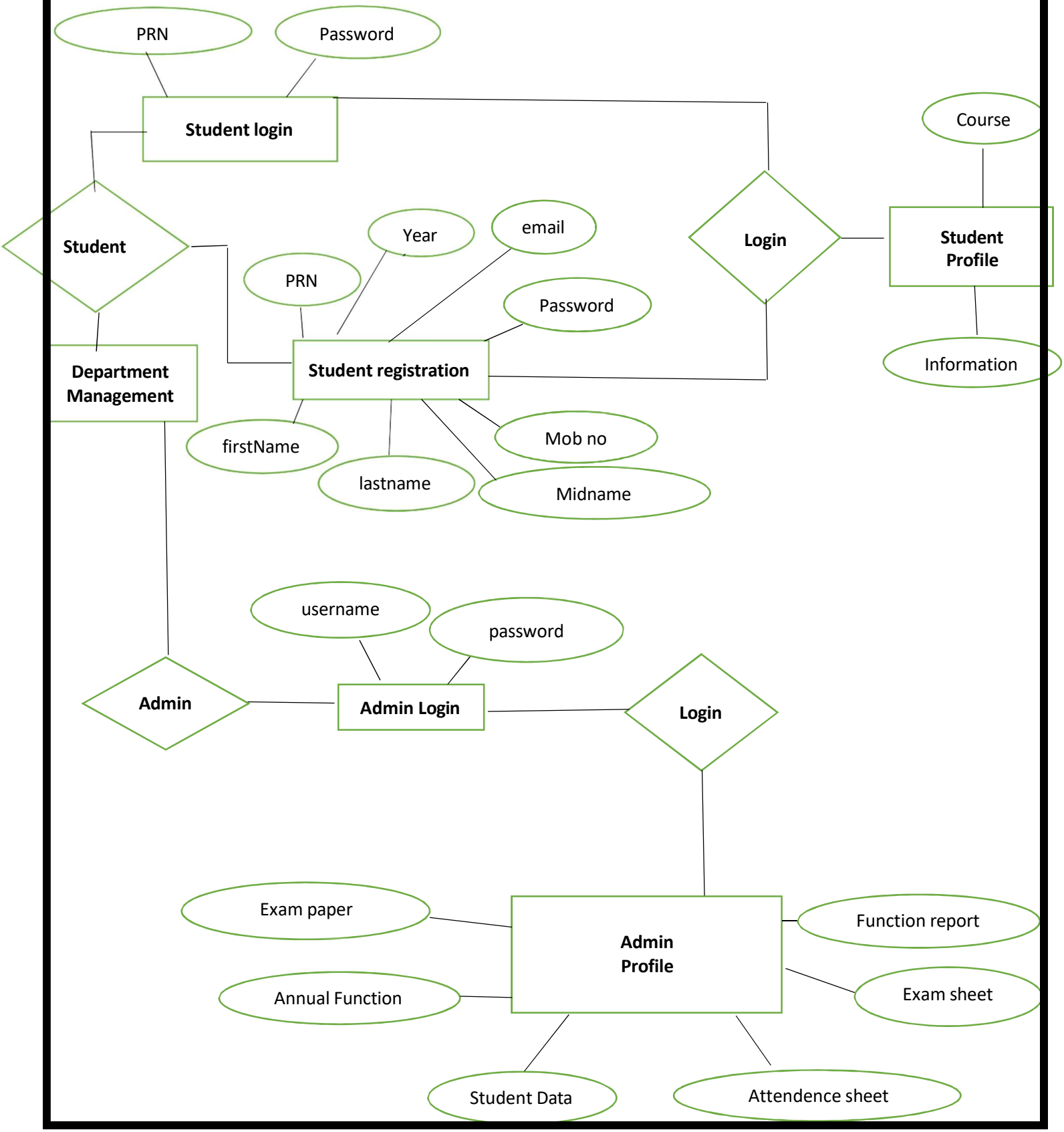
Software requirement specification is a kind of document which is created by a software analyst after the requirements collected from the various sources - the requirement received by the customer written in ordinary language. It is the job of the analyst to write the requirement in technical language so that they can be understood and beneficial by the development team. The models used at this stage include ER diagrams, data flow diagrams (DFDs); function decomposition diagrams (FDDs), data dictionaries, etc.

- Data Flow Diagrams: Data Flow Diagrams (DFDs) are used widely for modelling the requirements. DFD shows the flow of data through a system. The system may be a company, an organization, a set of procedures, a computer hardware system, a software system, or any combination of the preceding. The DFD is also known as a data flow graph or bubble chart.

- Data Dictionaries: Data Dictionaries are simply repositories to store information about all data items defined in DFDs. At the requirements stage, the data dictionary should at least define customer data items, to ensure that the customer and developers use the same definition and terminologies.

- Entity-Relationship Diagrams: Another tool for requirement specification is the entity relationship diagram, often called an "E-R diagram." It is a detailed logical representation of the data for the organization and uses three main constructs i.e. data entities, relationships, and their associated attributes.

System Diagram :ERD



System Requirements

- **Hardware Requirements:**
  Processor – i3 and above
  Hard Disk – 50 GB and above
  Memory – 1GB RAM and above
  Monitor – any monitor
- **Software Requirement:**
  Google Chrome
  xampp

4) System Design
Database Design

Student login table-:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
☐	1	prn	int(11)			No	None		
☐	2	password	varchar(50)	utf8mb4_general_ci		No	None		

Student regestration table-:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
☐	1	Id	int(11)			No	None		AUTO_INCREMENT
☐	2	firstname	varchar(50)	utf8mb4_general_ci		No	None		
☐	3	middlename	varchar(50)	utf8mb4_general_ci		No	None		
☐	4	lastname	varchar(50)	utf8mb4_general_ci		No	None		
☐	5	email	varchar(50)	utf8mb4_general_ci		No	None		
☐	6	contact	bigint(10)			No	None		
☐	7	class	int(11)			No	None		
☐	8	prn	int(11)			No	None		
☐	9	password	varchar(10)	utf8mb4_general_ci		No	None		

Admin login table-:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
☐	1	uname	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
☐	2	pin	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More

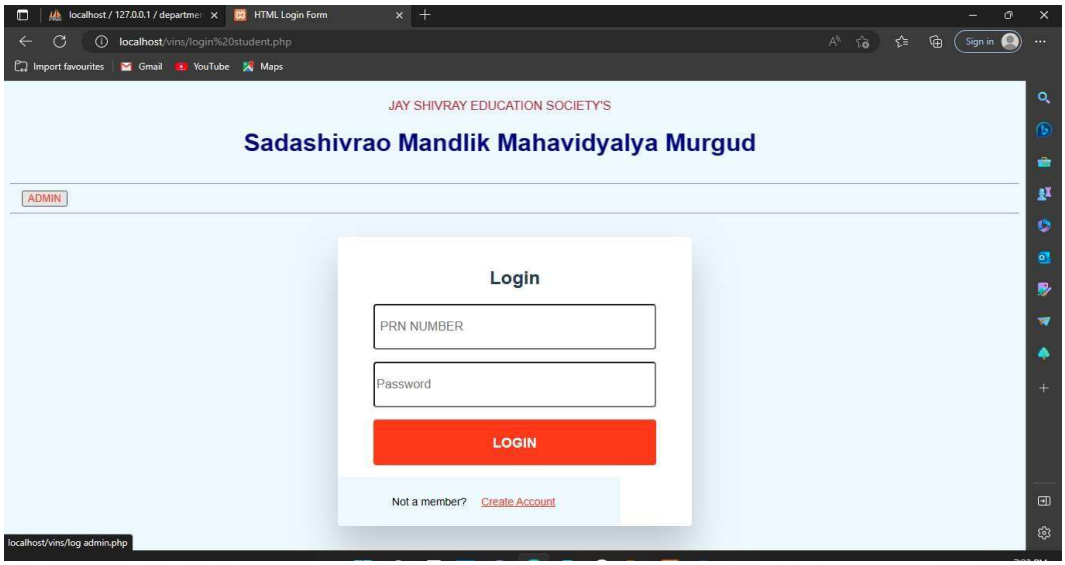
Annual function table-:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	Id	int(10)			No	None		AUTO_INCREMENT
2	functionname	varchar(50)	utf8mb4_general_ci		No	None		
3	Date	date			No	None		
4	Organizer	varchar(50)	utf8mb4_general_ci		No	None		
5	Department	varchar(50)	utf8mb4_general_ci		No	None		
6	Document	mediumblob Media type: image/jpeg			No	None		

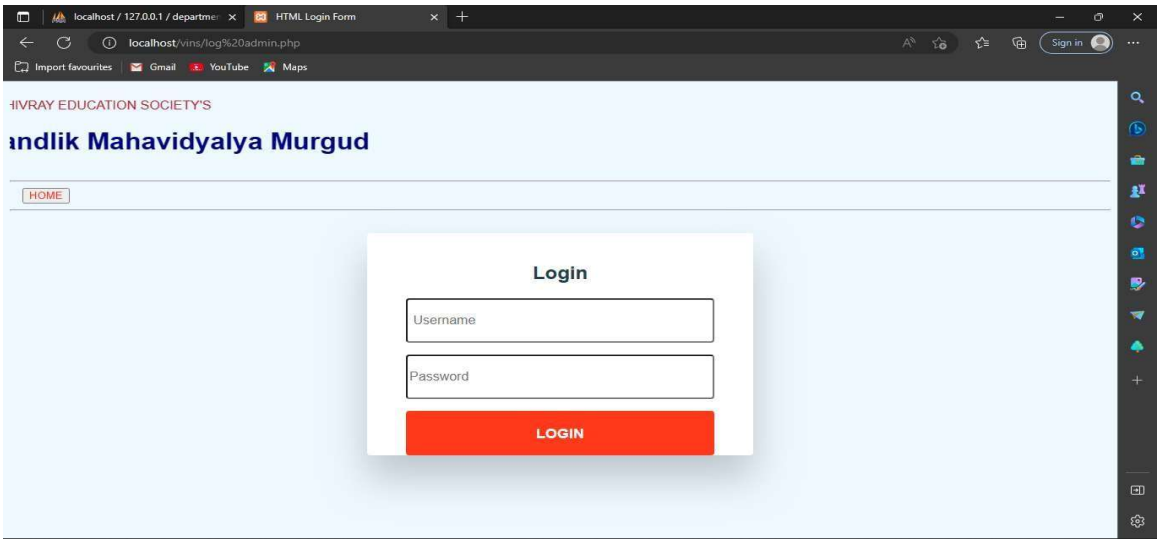
Exam sheet table-:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	No	int(11)			No	None		AUTO_INCREMENT
2	Question	varchar(300)	utf8mb4_general_ci		No	None		
3	mark	int(50)			No	None		
4	test	int(50)			No	None		
5	subcode	varchar(50)	utf8mb4_general_ci		No	None		

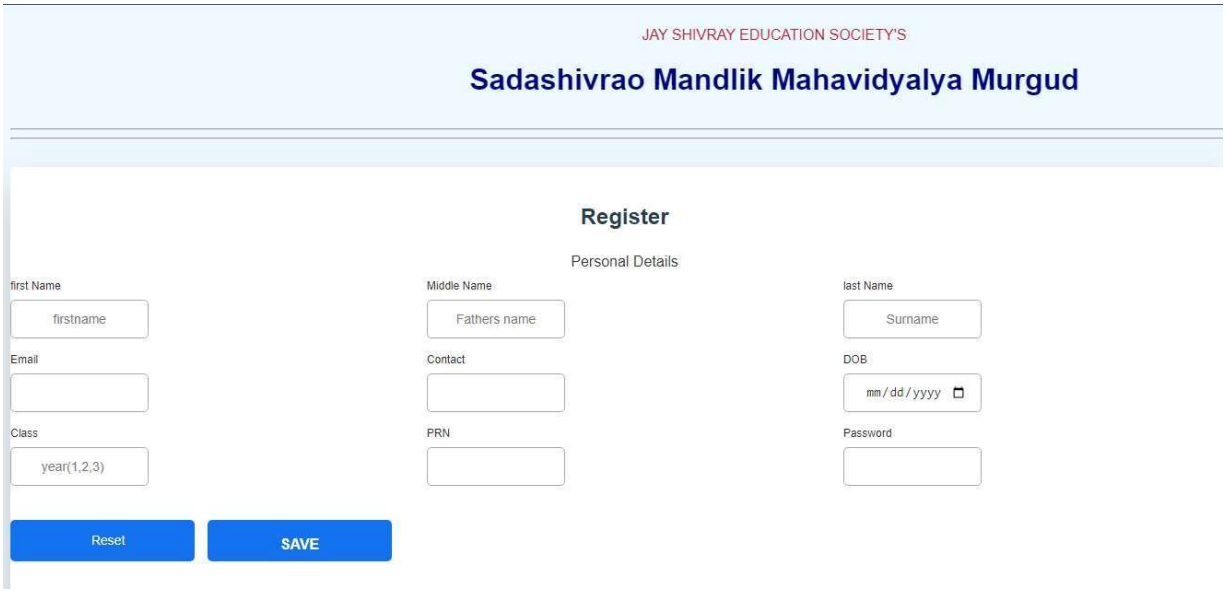
• Input Design



Admin login-:

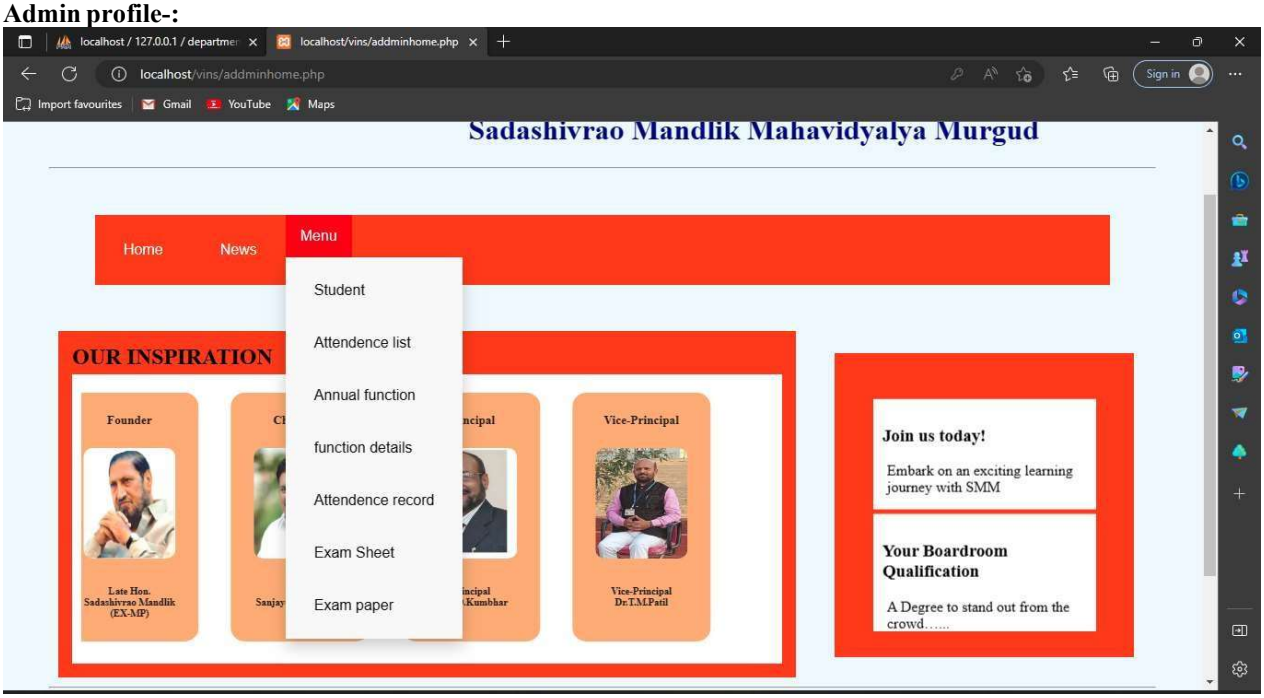


Student registration-:

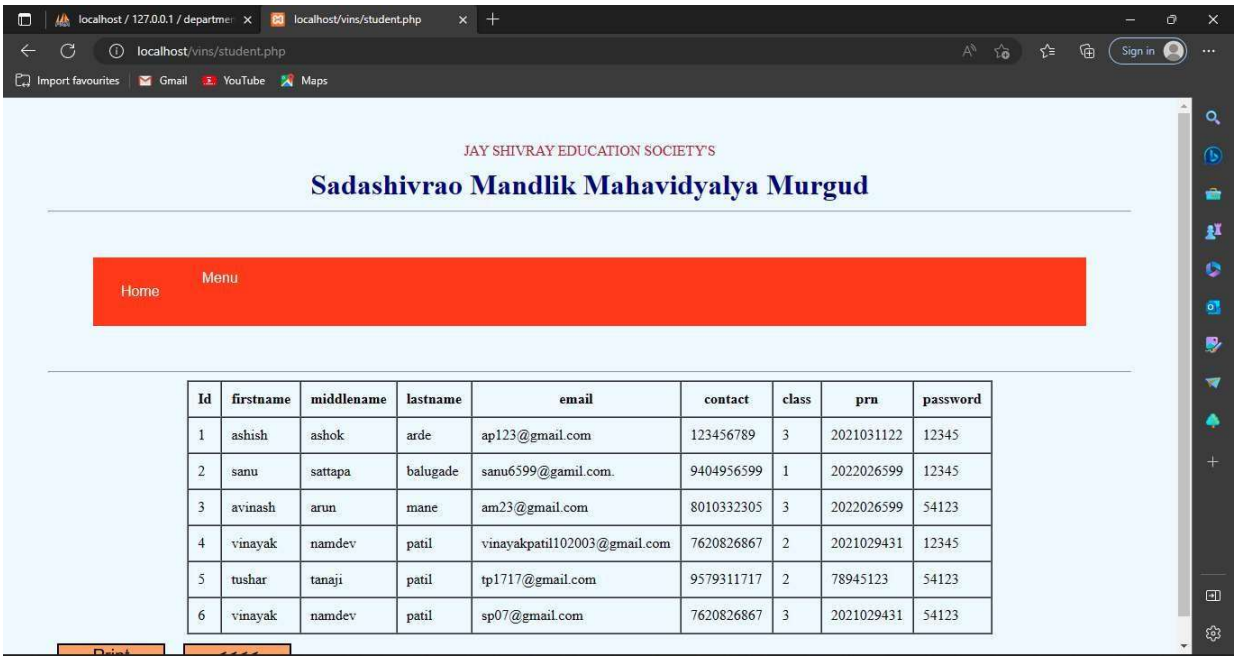


Student profile-:

Admin profile-:

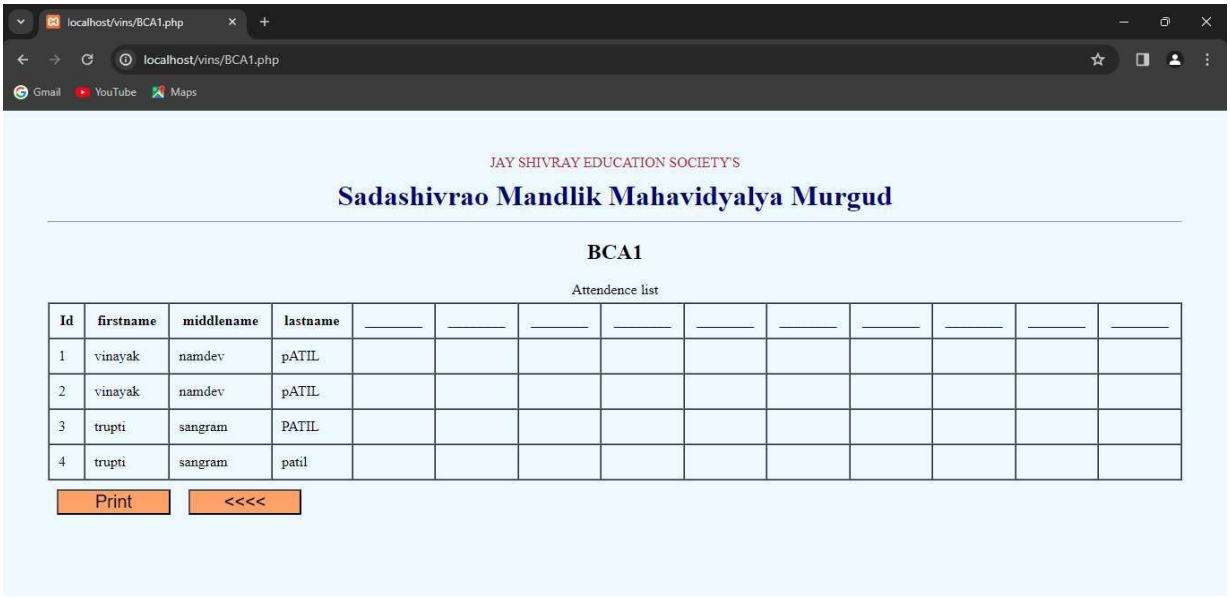


REPORT-:



Id	firstname	middlename	lastname	email	contact	class	prn	password
1	ashish	ashok	arde	ap123@gmail.com	123456789	3	2021031122	12345
2	sanu	sattapa	balugade	sanu6599@gamil.com.	9404956599	1	2022026599	12345
3	avinash	arun	mane	am23@gmail.com	8010332305	3	2022026599	54123
4	vinayak	namdev	patil	vinayakpatil102003@gmail.com	7620826867	2	2021029431	12345
5	tushar	tanaji	patil	tp1717@gmail.com	9579311717	2	78945123	54123
6	vinayak	namdev	patil	sp07@gmail.com	7620826867	3	2021029431	54123

Attendence list-:



JAY SHIVRAY EDUCATION SOCIETY'S

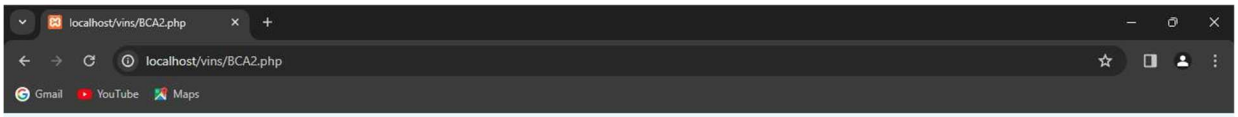
Sadashivrao Mandlik Mahavidyalya Murgud

BCA1

Attendence list

Id	firstname	middlename	lastname	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
1	vinayak	namdev	pATIL										
2	vinayak	namdev	pATIL										
3	trupti	sangram	PATIL										
4	trupti	sangram	patil										

Print <<<<



JAY SHIVRAY EDUCATION SOCIETY'S

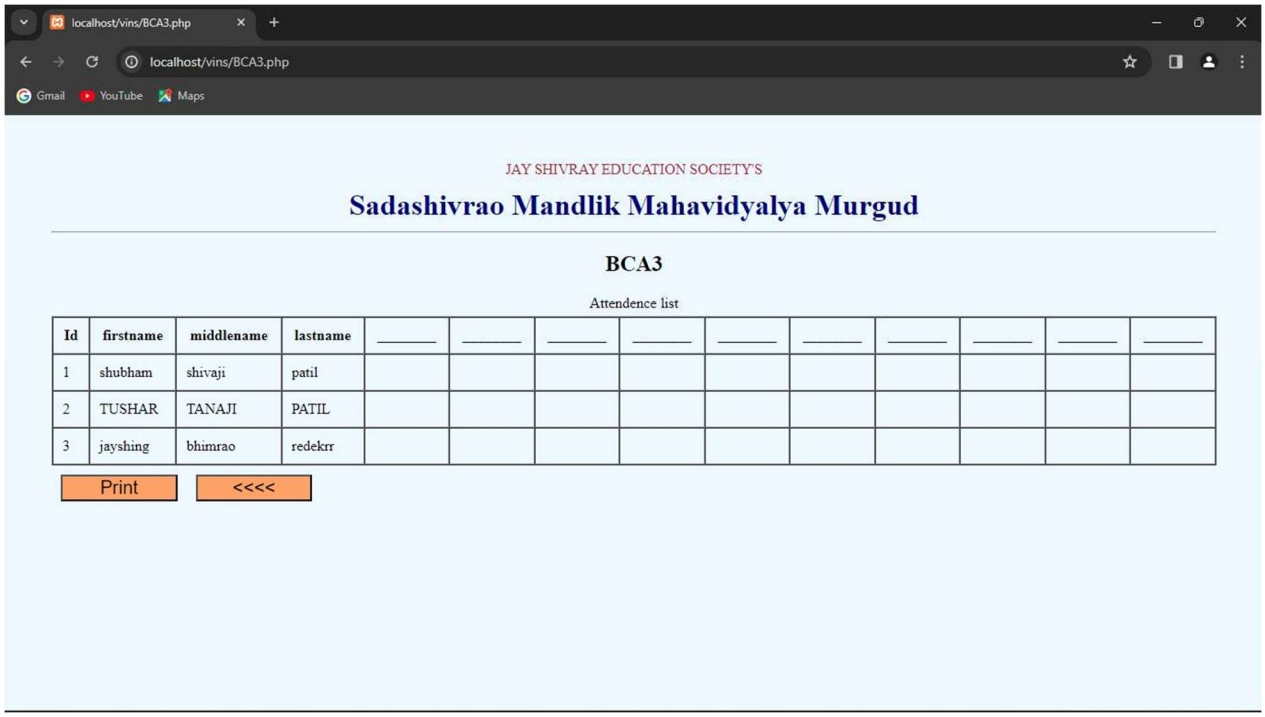
Sadashivrao Mandlik Mahavidyalya Murgud

BCA2

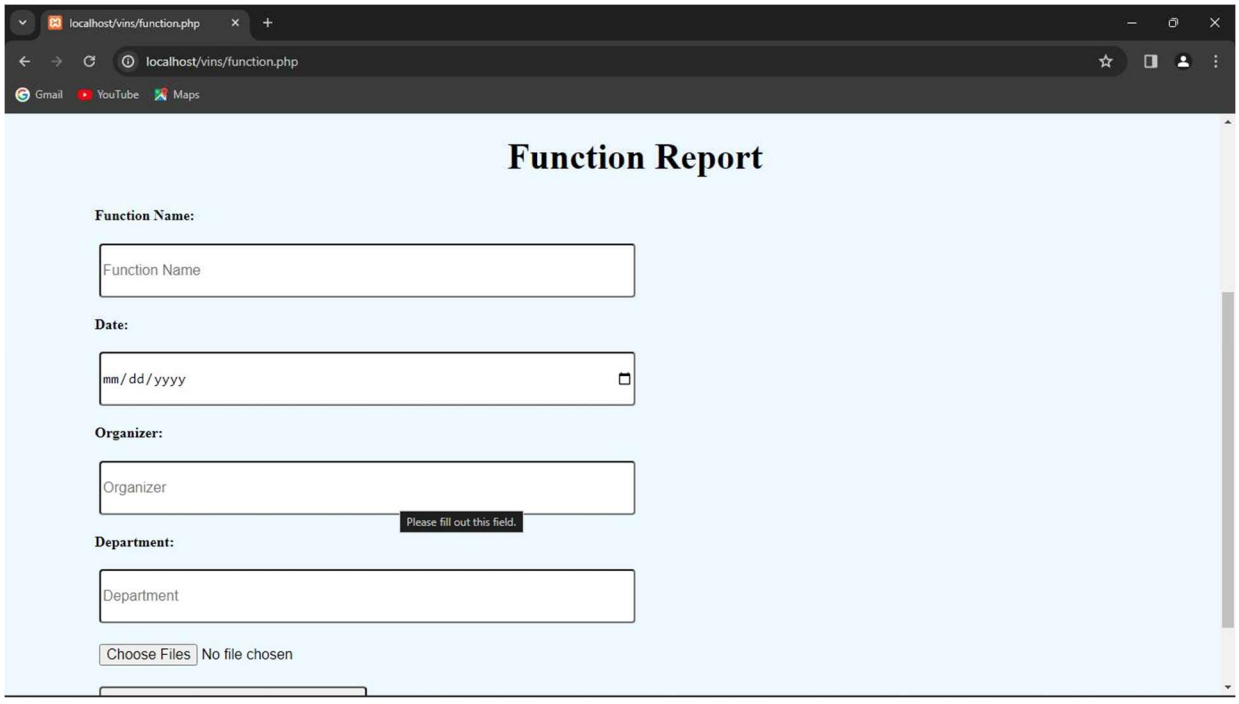
Attendence list

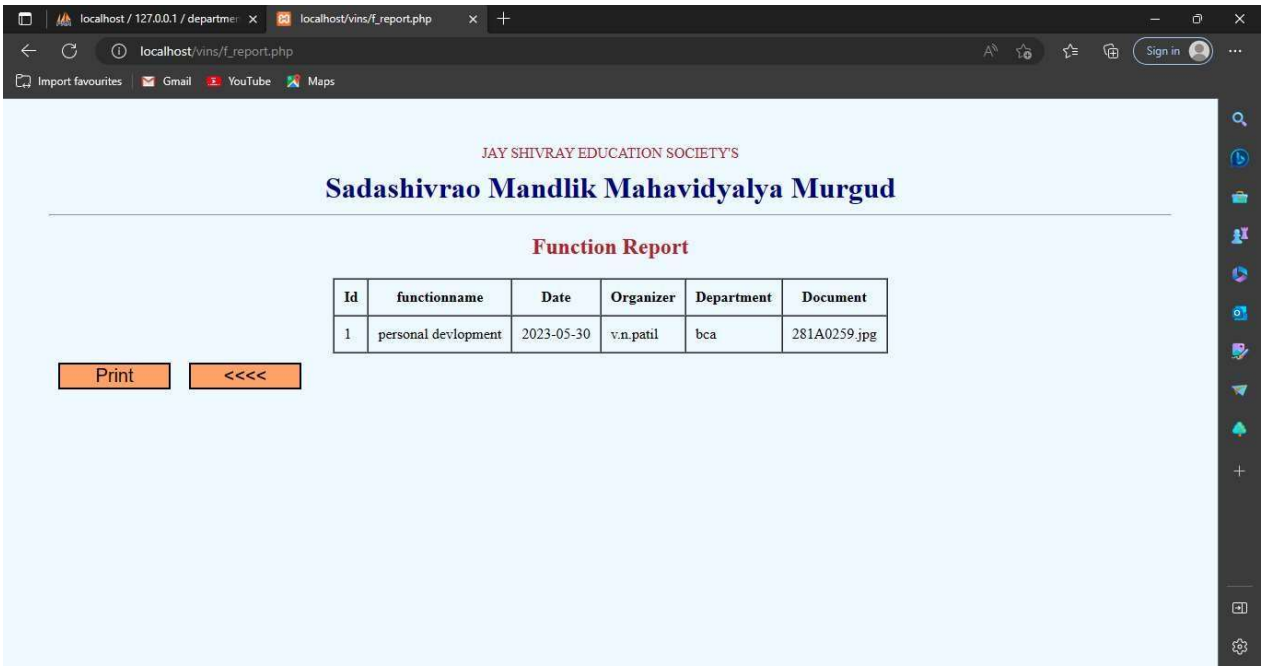
Id	firstname	middlename	lastname	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
1	sanika	satappa	balugade										
2	sakshi	sanjay	PATIL										
3	vinayak	namdev	patil										

Print <<<<

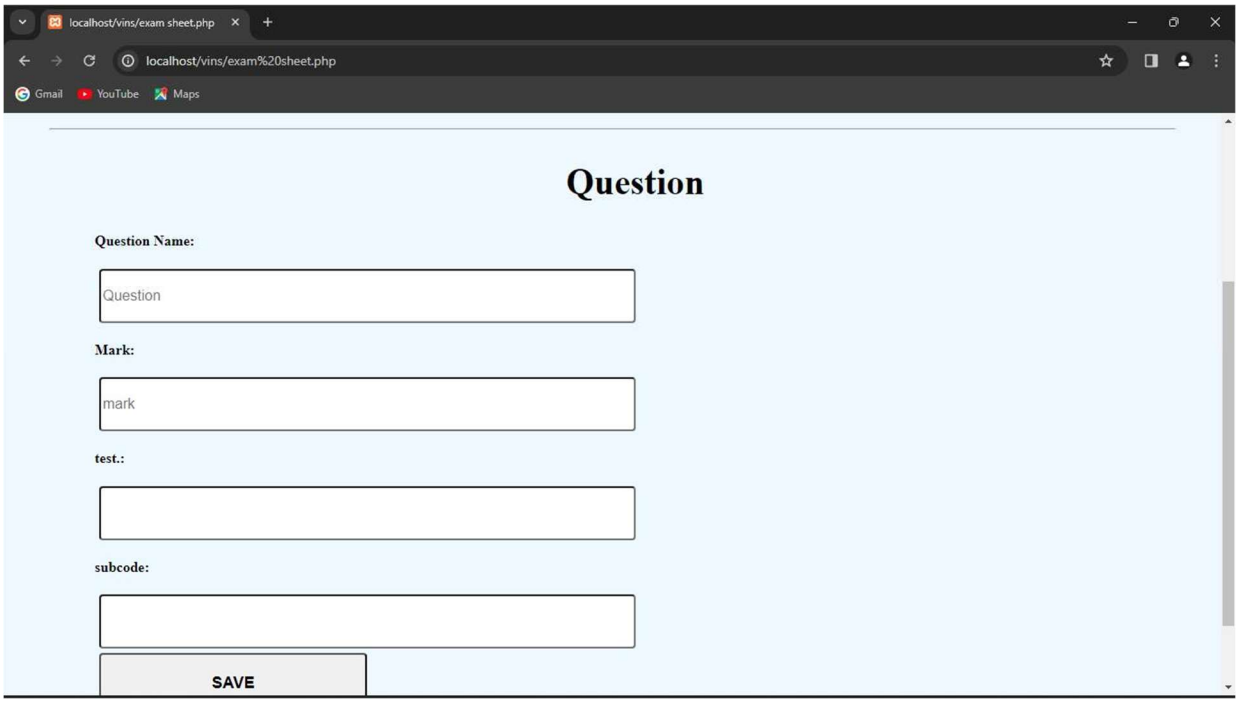


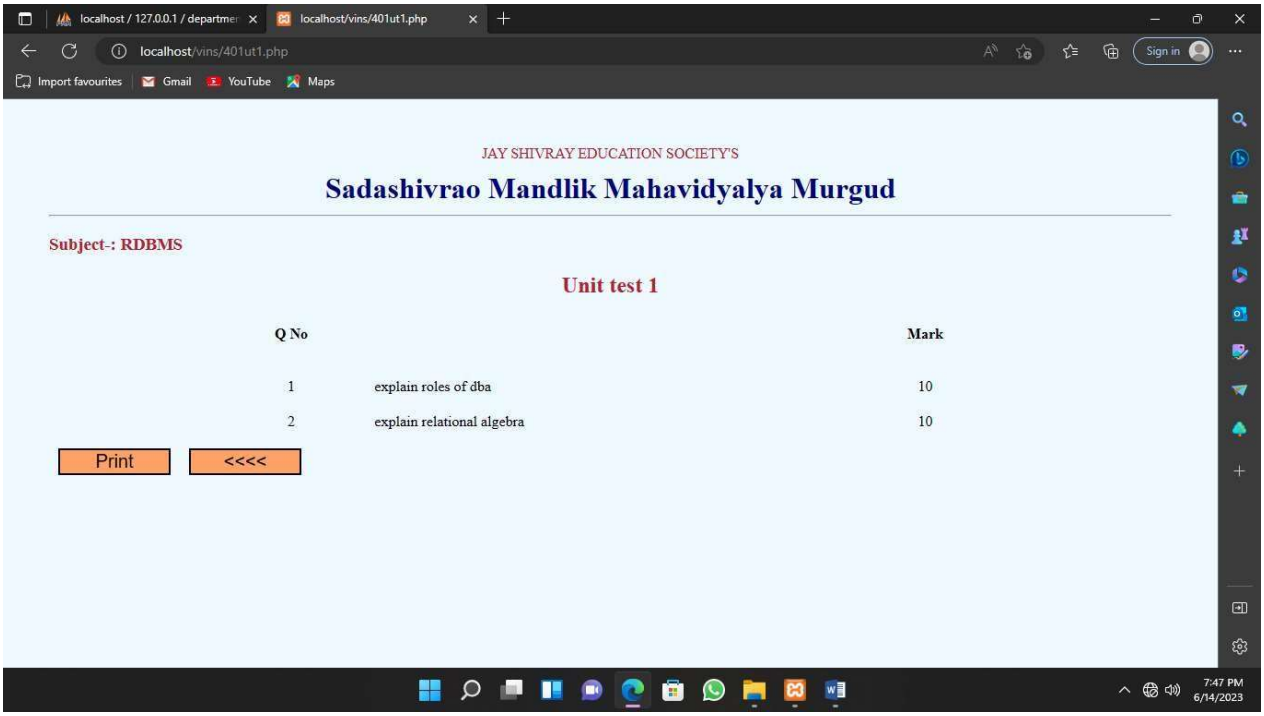
Function report-:



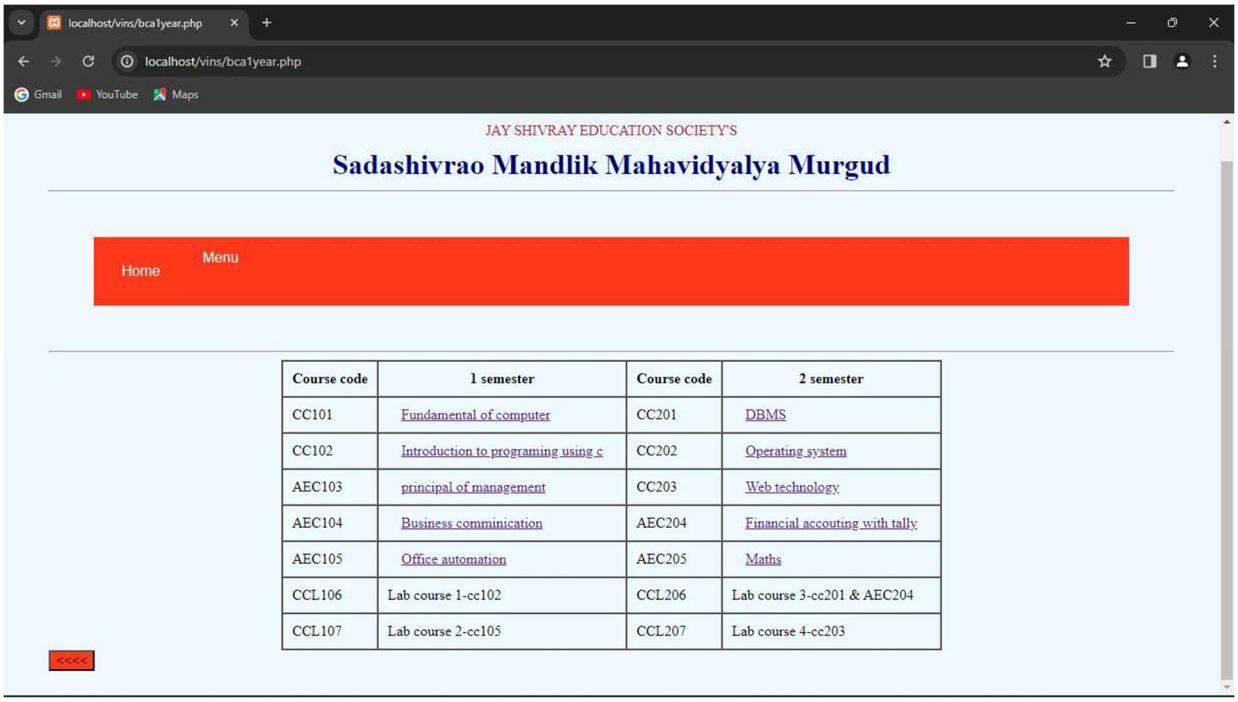


Unit test report-:



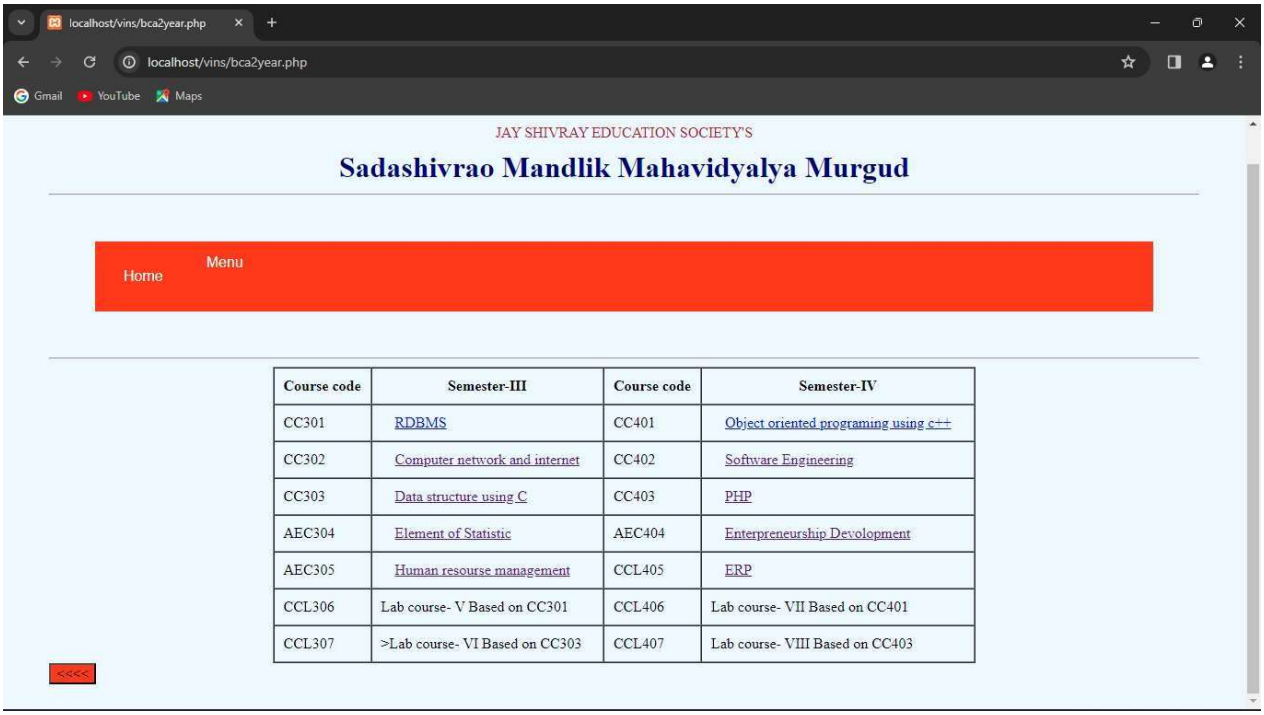


Subject list:-
BCA 1



Course code	1 semester	Course code	2 semester
CC101	Fundamental of computer	CC201	DBMS
CC102	Introduction to programing using c	CC202	Operating system
AEC103	principal of management	CC203	Web technology
AEC104	Business comminication	AEC204	Financial accouting with tally
AEC105	Office automation	AEC205	Maths
CCL106	Lab course 1-cc102	CCL206	Lab course 3-cc201 & AEC204
CCL107	Lab course 2-cc105	CCL207	Lab course 4-cc203

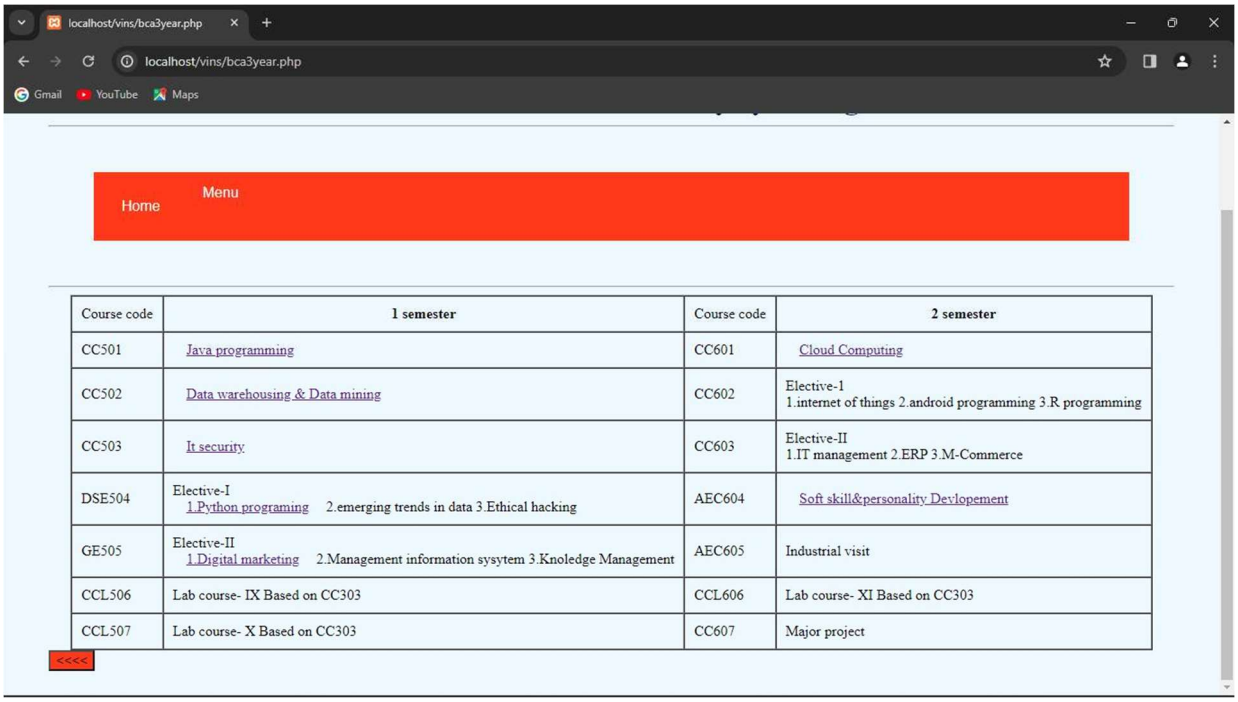
BCA 2



Course code	Semester-III	Course code	Semester-IV
CC301	RDBMS	CC401	Object oriented programing using c++
CC302	Computer network and internet	CC402	Software Engineering
CC303	Data structure using C	CC403	PHP
AEC304	Element of Statistic	AEC404	Enterpreneurship Devolopment
AEC305	Human resourse management	CCL405	ERP
CCL306	Lab course- V Based on CC301	CCL406	Lab course- VII Based on CC401
CCL307	>Lab course- VI Based on CC303	CCL407	Lab course- VIII Based on CC403

<<<<

BCA 3



Course code	1 semester	Course code	2 semester
CC501	Java programming	CC601	Cloud Computing
CC502	Data warehousing & Data mining	CC602	Elective-1 1.internet of things 2.android programming 3.R programming
CC503	It security	CC603	Elective-II 1.IT management 2.ERP 3.M-Commerce
DSE504	Elective-I 1.Python programing 2.emerging trends in data 3.Ethical hacking	AEC604	Soft skill&personality Devlopement
GE505	Elective-II 1.Digital marketing 2.Management information sysytem 3.Knoledge Management	AEC605	Industrial visit
CCL506	Lab course- IX Based on CC303	CCL606	Lab course- XI Based on CC303
CCL507	Lab course- X Based on CC303	CC607	Major project

<<<<

5) User Guideline –

Installation process:

- Check system requirements: Make sure that your computer or device meets the minimum system requirements to run the PHP project.
- Access the project: Open your web browser and enter the URL of the deployed PHP project to access it.
- Navigate the project: Use the navigation menu or links provided in the project to move between pages and perform different tasks.
- Use the features: Take advantage of the features and functionality provided by the PHP project. This may include searching for products, placing orders, viewing order history, and so on.
- Follow instructions: Read and follow any instructions provided within the project to ensure that you are using it correctly.
- Report issues: If you encounter any issues or errors while using the project, report them to the administrator or support team. Be as specific as possible about the issue and provide any error messages or other relevant information.
- Log out: When you are finished using the PHP project, be sure to log out to prevent unauthorized access to your account or information.

Login page coding-:

```
<!DOCTYPE html>

<head>

  <title>HTML Login Form </title>
  <style >

  </style>
<link rel="stylesheet" href="./style.css">

</head>
<body>
 <header>
  <marquee direction="right">
<P class="smm" align="center" style="color: brown;">JAY SHIVRAY EDUCATION
SOCIETY'S</P>
<h1 class="smm" align="center" style="color:navy;">Sadashivrao Mandlik Mahavidyalya
Murgud </h1>
</header>
</marquee>
<hr>
 <a href="login student.php"><button style="color:orangered;">HOME</button></a>

</h2>
</nav><hr>
<div id="login-form-wrap">
  <h2>Login</h2>
  <form  method="POST" action="admin_process.php">
    <p>
    <input type="text"  name="uname" placeholder=" Username" required>
    </p>
    <p>
    <input type="password"  name="pin" placeholder="Password" required>
    </p>
    <p>
       </p><p>
    <input type="submit" name="submit" value="Login">
    </p>
  </form>

</div>


</body>
</html>
```

Registration page coding-:

```
<!DOCTYPE html>

<head>

  <title>HTML Login Form </title>
  <style >

  </style>
<link rel="stylesheet" href="./style.css">

</head>
<body>
 <header>
  <marquee direction="right">
<P class="smm" align="center" style="color: brown;">JAY SHIVRAY EDUCATION
SOCIETY'S</P>
<h1 class="smm" align="center" style="color:navy;">Sadashivrao Mandlik Mahavidyalya
Murgud </h1>
</header>
</marquee>
<hr>

</nav><hr>


<div id="register-form-wrap">
  <h2>Register</h2>
  <form method="post" action="process.php">
    <p>
    <input type="text"  name="firstname" placeholder="Firstname" required>
    </p>
   <p>
    <input type="text"  name="middlename" placeholder="Middlename" required>
    </p>
     <p>
    <input type="text"  name="lastname" placeholder="Lastname" required>
    </p>
    <p>
      <input type="text" name="email" placeholder="E-mail" required>
    </p>
    <p>
      <input type="text" name="contact" placeholder="contact no" required>
    </p>
    <p>
      <input type="text" name="class" placeholder="YEAR(1,2,3)" required>
```

```
    </p>
    <p>
      <input type="text" name="prn" placeholder="prn no" required>
    </p>

    <p>
    <input type="password"  name="Password" placeholder="Password" required>
    </p>

    <p>
    <input type="submit" name="submit" value="Register">
    </p>
  </form>

</div>


</body>
</html>
```

Admin Profile coding-:

```
<!DOCTYPE html>
<html>
<head>
        <link rel="stylesheet" type="text/css" href="nav.css">

        <title></title>
</head>
<body>
  <header>
  <marquee direction="right">
<P class="smm" align="center" style="color: brown;">JAY SHIVRAY EDUCATION
SOCIETY'S</P>
<h1 class="smm" align="center" style="color: navy;">Sadashivrao Mandlik Mahavidyalya
Murgud </h1>
</marquee>
</header><hr>

<div class="navbar">
 <a href="addminhome.php">Home</a>
 <a href="">News</a>

  <div class="dropdown">
    <button class="dropbtn">Menu
      <i class="fa fa-caret-down"></i>
    </button>
    <div class="dropdown-content">
      <a href="student.php">Student</a>
      <a href="attendence.php">Attendence list</a>
      <a href="function.php">Annual function</a>
      <a href="f_report.php">function details </a>
      <a href="attendence report.php">Attendence record</a>
      <a href="exam sheet.php">Exam Sheet</a>
      <a href="paper.php">Exam paper</a>
    </div>
  </div>
</div>
<aside class="topnot">
  <marquee direction="up">
        <article>
          <h3>Join us today!</h3>
          <p>Embark on an exciting learning journey with SMM</p>

        </article>
```

```
    <article>
      <h3>Your Boardroom Qualification</h3>
      <p>A Degree to stand out from the crowd.....</p>
    </article>
    </marquee>
</aside>


<section>
<h1>OUR INSPIRATION</h1>
<article>
  <marquee>
  <div class="flex">
    <div class="photo">
      <h5>Founder</h5>
      <img class="vins" src="images\sanjay-mandlik.jpg" alt="" width="100" height="120">
      <h6><P><b>Late Hon.<br>Sadashivrao Mandlik<br>(EX-MP)</b></P></h6>
    </div>
     <div class="photo">
      <h5>Chairman</h5>
      <img class="vins" src="images\sanjaydadamandlik_square.jpg" alt="" width="100"
height="120">
      <h6><P><b> Hon.<br>Sanjaydada Mandlik<br>(MP)</b></P></h6>
    </div>
    <div class="photo">
      <h5>Principal</h5>
      <img class="vins" src="images\prince.jpeg" alt="" width="100" height="120">
      <h6><P><b> Principal<br> Dr.A.D.Kumbhar</b></P></h6>
    </div>
    <div class="photo">
      <h5>Vice-Principal</h5>
      <img class="vins" src="images\tpatil.jpg" alt="" width="100" height="120">
      <h6><P><b> Vice-Principal<br>Dr.T.M.Patil</b></P></h6>
    </div>

   </marquee>

</article>




      </section>
</div>
```

```
<hr>
<footer class="mainfooter" >

      <p>Copyright &copy <a >Vinayak patil</a> </p>

  <center>
  <a >Google</a>
  <a >Twitter</a>
  <a >Youtube</a>
  </center>

</footer>
</body>
</html>
```

Student profile coding-:

```
  <html>
<head>
<link rel="stylesheet" type="text/css" href="nav.css">


</head>



<body>

<header>
        <marquee direction="right">
<P class="smm" align="center" style="color: brown;">JAY SHIVRAY EDUCATION
SOCIETY'S</P>
<h1 class="smm" align="center" style="color: navy;">Sadashivrao Mandlik Mahavidyalya
Murgud </h1>
</marquee>
</header><hr>

<div  class="navbar">
  <a  href="homepage.php">Home</a>
<a href="contact.php">Contact</a>
<a href="faculty.php">Faculty</a>
<a href="course.php">Courses</a>

</div> <hr>

<aside class="topnot">
        <marquee direction="up">
                        <article>
                                <h3>Join us today!</h3>
                                <p>Embark on an exciting learning journey with
SMM</p>

                        </article>



                <article>
                        <h3>Your Boardroom Qualification</h3>
                        <p>A Degree to stand out from the crowd.....</p>
                </article>
```

```
                    </marquee>
</aside>


<section>
<h1>OUR INSPIRATION</h1>
<article>
        <marquee>
        <div class="flex">
                    <div class="photo">
                                <h5>Founder</h5>
                                <img class="vins" src="images\sanjay-mandlik.jpg" alt=""
width="100" height="120">
                                <h6><P><b>Late Hon.<br>Sadashivrao Mandlik<br>(EX-
MP)</b></P></h6>
                    </div>
                            <div class="photo">
                                <h5>Chairman</h5>
                                <img class="vins"
src="images\sanjaydadamandlik_square.jpg" alt="" width="100" height="120">
                                <h6><P><b> Hon.<br>Sanjaydada
Mandlik<br>(MP)</b></P></h6>
                    </div>
                    <div class="photo">
                                <h5>Principal</h5>
                                <img class="vins" src="images\prince.jpeg" alt=""
width="100" height="120">
                                <h6><P><b> Principal<br>
Dr.A.D.Kumbhar</b></P></h6>
                    </div>
                    <div class="photo">
                                <h5>Vice-Principal</h5>
                                <img class="vins" src="images\tpatil.jpg" alt=""
width="100" height="120">
                                <h6><P><b> Vice-
 Principal<br>Dr.T.M.Patil</b></P></h6>
                    </div>

                </marquee>

</article>



                                </section>
```

```
</div>



<hr>
<footer class="mainfooter" >

                        <p>Copyright &copy <a >Vinayak patil</a> </p>

  <center>
  <a >Google</a>
  <a >Twitter</a>
  <a >Youtube</a>
  </center>

</footer>

</body>
</html>
```

STUDENT LIST :-

```
<html>

<head>
  <link rel="stylesheet" type="text/css" href="nav.css">


  <title></title>
</head>
<body>
  <header>

<P class="smm" align="center" style="color: brown;">JAY SHIVRAY EDUCATION
SOCIETY'S</P>
<h1 class="smm" align="center" style="color: navy;">Sadashivrao Mandlik Mahavidyalya
Murgud </h1>
</marquee>
</header><hr>

<div class="navbar">
 <a href="addminhome.php">Home</a>

  <div class="dropdown">
    <button class="dropbtn">Menu
      <i class="fa fa-caret-down"></i>
    </button>
    <div class="dropdown-content">
      <a href="student.php">Student</a>
      <a href="attendence.php">Attendence list</a>
      <a href="function.php">Annual function</a>
      <a href="f_report.php">function details </a>
      <a href="attendence report.php">Attendence record</a>
      <a href="exam sheet.php">Exam Sheet</a>
      <a href="paper.php">Exam paper</a>
    </div>
  </div>
</div>
<hr>
</body>
</html>
<?php

include('database.php');
$sql = "SELECT firstname,middlename, lastname, email, contact, class, prn, password FROM
student order by lastname asc";
$result = mysqli_query($con, $sql);
```

```
?>
<center>
<table border ="1" cellspacing="0" cellpadding="10">
  <tr>
    <th>Id</th>
    <th>firstname</th>
    <th>middlename</th>
    <th>lastname</th>
    <th>email</th>
    <th>contact</th>
    <th>class</th>
    <th>prn</th>
    <th>password</th>

  </tr>
  </center>
<?php
if (mysqli_num_rows($result) > 0) {
  $sn=1;
  while($data = mysqli_fetch_assoc($result)) {
 ?>
 <tr>
   <td><?php echo $sn; ?> </td>
   <td><?php echo $data['firstname']; ?> </td>
   <td><?php echo $data['middlename']; ?> </td>
 <td><?php echo $data['lastname']; ?> </td>
   <td><?php echo $data['email']; ?> </td>
   <td><?php echo $data['contact']; ?> </td>
   <td><?php echo $data['class']; ?> </td>
   <td><?php echo $data['prn']; ?> </td>
   <td><?php echo $data['password']; ?> </td>
 <tr>

 <?php
  $sn++;}} else { ?>
    <tr>
     <td colspan="8">No data found</td>
    </tr>

 <?php } ?>

 </table>
 <button onclick="window.print()"> Print</button>
 <button onclick="history.back()"> <<<<<</button>
```

UNIT TEST CODE :-

```
<html>

<head>
  <link rel="stylesheet" type="text/css" href="nav.css">
  <style>

    .function h2{
      font-size: 40px;
      text-align: center;
    }
    .function{
      margin-left: 50px;


    }
    input {
  box-sizing: border-box;
  width: 50%;
  outline: none;
  height: 60px;
  line-height: 60px;
  border-radius: 4px;
  font-size: 16px;
}
input[type="submit"]{

  text-align: center;
   font-weight: bold;
  text-transform: uppercase;
  cursor: pointer;
  display: block;
  font-size: 18px;
  position: relative;
  width: 25%;

}
  </style>

  <title></title>
</head>
<body>
  <header>
```

```
<P class="smm" align="center" style="color: brown;">JAY SHIVRAY EDUCATION
SOCIETY'S</P>
<h1 class="smm" align="center" style="color: navy;">Sadashivrao Mandlik Mahavidyalya
Murgud </h1>
</marquee>
</header><hr>

<div class="navbar">
 <a href="addminhome.php">Home</a>

  <div class="dropdown">
    <button class="dropbtn">Menu
      <i class="fa fa-caret-down"></i>
    </button>
    <div class="dropdown-content">
      <a href="student.php">Student</a>
      <a href="attendence.php">Attendence list</a>
      <a href="function.php">Annual function</a>
      <a href="f_report.php">function details </a>
      <a href="attendence report.php">Attendence record</a>
       <a href="exam sheet.php">Exam Sheet</a>
      <a href="paper.php">Exam paper</a>
    </div>
  </div>
</div>
<hr>


<div class="function">
  <h2>Question</h2>
  <form method="post" action="ex process.php" >

   <h4>Question Name:</h4>
     <p>
  <input type="text"  name="Question" placeholder="Question" required>

    </p>

    <h4>Mark:</h4>
    <p>
      <input type="text"  name="mark" placeholder="mark" required>
    </p>
    <h4>test.:</h4>
    <p>
      <input type="text"  name="test" placeholder="" required>
    </p>
```

```
    <h4>subcode:</h4>
    <p>
      <input type="text"  name="subcode" placeholder="" required>
    </p>

    <p>
    <input type="submit" name="submit" value="save">
    </p>
  </form>

</div>

</body>
</html>
<button onclick="history.back()"> <<<<<</button>
```

ATTENDENCE LIST CODE :-

```
html>

<head>
  <link rel="stylesheet" type="text/css" href="nav.css">
  <style>
   button{
    font-size: 20px;
    float: left;
    width: 10%;
    background-color: sandybrown;
    margin: 10px;
   }
   button:hover{
    background-color: yellowgreen;
   }


  </style>

  <title></title>
</head>
<body>
  <header>

<P class="smm" align="center" style="color: brown;">JAY SHIVRAY EDUCATION
SOCIETY'S</P>
<h1 class="smm" align="center" style="color: navy;">Sadashivrao Mandlik Mahavidyalya
Murgud </h1>
</marquee>
</header><hr>

</body>
</html>
<?php

include('database.php');
$sql = "SELECT firstname,middlename, lastname FROM student where class=1 order by
lastname asc ";
$result = mysqli_query($con, $sql);
?>
<h2 style="text-align: center;">BCA1</h2>
<p style=" text-align: center;">Attendence list</p>
 <table border ="1" cellspacing="0" cellpadding="10" width="100%">
     <tr><th>Id</th>
```

```
    <th>firstname</th>
    <th>middlename</th>
    <th>lastname</th>
    <th>_____</th>
    <th>_____</th>
    <th>_____</th>
    <th>_____</th>
    <th>_____</th>
    <th>_____</th>
     <th>_____</th>
      <th>_____</th>
       <th>_____</th>
        <th>_____</th>

  </tr>
  <?php
if (mysqli_num_rows($result) > 0) {
  $sn=1;
  while($data = mysqli_fetch_assoc($result)) {
 ?>
 <tr>
   <td><?php echo $sn; ?> </td>
   <td><?php echo $data['firstname']; ?> </td>
   <td><?php echo $data['middlename']; ?> </td>
   <td><?php echo $data['lastname']; ?> </td>
    <td> </td>
     <td> </td>
      <td> </td><td> </td>
          <td> </td>
           <td> </td>
            <td> </td>
             <td> </td>

           <tr>

 <?php
  $sn++;}} else { ?>
   <tr>
    <td colspan="8">No data found</td>
   </tr>

 <?php } ?>

 </table>
 <button onclick="window.print()"> Print</button>
 <button onclick="history.back()"> <<<<<</button></table>
```

FUNCTION REPORT CODE:-

```
<html>

<head>
  <link rel="stylesheet" type="text/css" href="nav.css">
  <style>
   button{
    font-size: 20px;
    float: left;
    width: 10%;
    background-color: sandybrown;
    margin: 10px;
   }
   button:hover{
    background-color: yellowgreen;
   }


  </style>

  <title></title>
</head>
<body>
  <header>

<P class="smm" align="center" style="color: brown;">JAY SHIVRAY EDUCATION
SOCIETY'S</P>
<h1 class="smm" align="center" style="color: navy;">Sadashivrao Mandlik Mahavidyalya
Murgud </h1>
</marquee>
</header><hr>


</body>
</html>

<?php

include('database.php');
$sql = "SELECT functionname,Date,Organizer,Department,Document from annualfunction";
$result = mysqli_query($con, $sql);
?>
<h2 style="color: brown;text-align: center;  ">Function Report </h2>
<center>
<table border ="1" cellspacing="0" cellpadding="10">
```

```
 <tr>
   <th>Id</th>
   <th>functionname</th>
   <th>Date</th>
   <th>Organizer</th>
   <th>Department</th>
   <th>Document</th>
    </tr>
 </center>
<?php
if (mysqli_num_rows($result) > 0) {
 $sn=1;
 while($data = mysqli_fetch_assoc($result)) {
?>
<tr>
  <td><?php echo $sn; ?> </td>
  <td><?php echo $data['functionname']; ?> </td>
  <td><?php echo $data['Date']; ?> </td>
  <td><?php echo $data['Organizer']; ?> </td>
  <td><?php echo $data['Department']; ?> </td>
  <td><?php echo base64_encode($row['Document']); ?> </td>

<tr>

<?php
 $sn++;}} else { ?>
   <tr>
    <td colspan="8">No data found</td>
   </tr>

<?php } ?>

</table>
<button onclick="window.print()"> Print</button>
 <button onclick="history.back()"> <<<<<</button>
```

COURSE PAGE CODE:-

```
<html>
<head>
        <title>course</title>
        <link rel="stylesheet" type="text/css" href="nav.css">

</head>
<body>

        <header>
        <marquee direction="right">
<P class="smm" align="center" style="color: brown;">JAY SHIVRAY EDUCATION
SOCIETY'S</P>
<h1 class="smm" align="center" style="color:navy;">Sadashivrao Mandlik Mahavidyalya
Murgud </h1>
</header>
</marquee>
<hr>
<div class="navbar">
  <a href="homepage.php">Home</a>
<a href="contact.php">Contact</a>
<a href="faculty.php">Faculty</a>
<a href="course.php">Courses</a>

</div>




</h2>
</nav><hr>
<h1>Semister 1/2</h1>

   <div class="flex">
                <div class="gallary">

                  <a href=""> <img class="vins" src="images/a.jpg" alt="" width="160"
height="140"></a>

                 <h4><p> Introduction to <br>information Technology</p></h4>
                </div>

                <div class="gallary">
```

```
                    <a href="vinayak namdev patil.pdf"> <img class="vins"src="images/b.jpg"
alt="" width="160" height="140"></a>

                <h4><p>  Basic Introduction to HTML,<br> CSS and Javascript</p></h4>
                </div>

                <div class="gallary">

                    <a href="#"> <img class="vins"src="images/c.jpg" alt="" width="160"
height="140"></a>
                  </a>
                  <h4><p>Database Management<br> System</p></h4>
                </div>
                <div class="gallary">

                    <a href="#"><img class="vins"src="images/d.jpg"alt="" width="160"
height="140"></a>

                  <h4><p>Mathematics for<br> Computer Science</p></h4>
                </div>
   </div>

<hr>
<h1>Semister 3/4</h1>

   <div class="flex">
                <div class="gallary">

                    <a href="#"><img class="vins" src="images/e.jpeg" alt="" width="160"
height="140"></a>

                 <h4><p> Data structure <br>using c</p></h4>
                </div>

                <div class="gallary">

                    <a href="#"><img class="vins"src="images/f.jpeg" alt="" width="160"
height="140"></a>

                <h4><p>  Computer network<br> and internet</p></h4>
                </div>

                <div class="gallary">

                  <a href="#">  <img class="vins"src="images/g.png" alt="" width="160"
height="140"></a>
```

```
                </a>
                <h4><p>Introduction to<br> ASP.NET</p></h4>
              </div>
              <div class="gallary">

                <a href="#"><img class="vins"src="images/h.jpeg"alt="" width="160"
height="140"></a>

                <h4><p>Introduction to<br> RDBMS</p></h4>
              </div>
  </div>

<hr>
<h1>Semister 5/6</h1>

  <div class="flex">
              <div class="gallary">

                <a href="#"> <img class="vins" src="images/i.jpeg" alt="" width="160"
height="140"></a>

               <h4><p> Introduction to <br>PHP</p></h4>
              </div>

              <div class="gallary">

                <a href="#"> <img class="vins"src="images/j.jpeg" alt="" width="160"
height="140"></a>

              <h4><p>  Basic Introduction <br> Python</p></h4>
              </div>

              <div class="gallary">

                <a href="#"> <img class="vins"src="images/k.jpeg" alt="" width="160"
height="140"></a>
                </a>
                <h4><p>Introduction to<br> Iot</p></h4>
              </div>
              <div class="gallary">

                <a href="#"> <img class="vins"src="images/l.jpeg"alt="" width="160"
height="140"></a>

                <h4><p>Java programming</p></h4>
              </div>
```

```
    </div>

<hr>
<footer class="mainfooter" >

                                <p>Copyright &copy <a >Vinayak patil</a> </p>

  <center>
  <a >Google</a>
  <a >Twitter</a>
  <a >Youtube</a>
  </center>

</footer>



</body>
</html>
```

Database Connection coding-:

```
<?php

$servername="localhost";
$username="root";
$password="";
$database="department";
$con=mysqli_connect($servername,$username,$password,$database);
if (!$con)
{
        die("error detected".mysqli_error($con));
}

?>
```

STUDENT DATABSE CONNECTION:-

```
<?php
include 'database.php';
if(isset($_POST['submit']))
{
	$firstName=$_POST['firstname'];
	$middlename=$_POST['middlename'];
	$lastName=$_POST['lastname'];
	$email=$_POST['email'];
	$contact=$_POST['contact'];
	$dob=$_POST['dob'];
	$class=$_POST['class'];
   $prn=$_POST['prn'];
   $password=$_POST['password'];


	$sql="insert into student( firstName,middlename,lastName,
email,contact,dob,class,prn,password)
	values('$firstName','$middlename','$lastName','$email','$contact', '$dob', '$class','$prn'
,'$password')";



	if(mysqli_query($con,$sql))
	{
		echo "<script>alert('new record inserted')</script>";
		echo"<script>window.open('login student.php','_self')</script>";
	}
	else
	{
		echo "error:".mysqli_error($con);
	}
	}
	else
	{
		echo "<script>alert('fields are empty')</script>";
		echo"<script>window.open('insert.php','_self')</script>";
	}


?>
```

STUDENT LOGIN CONNECTION:-

```
<?php
include 'database.php';
if (isset($_POST['submit']))
{

  $prn=$_POST['prn'];
  $password=$_POST['password'];
    $sql =" SELECT *FROM student where prn='$prn'AND password='$password' ";
 $que=mysqli_query($con,$sql);
if (mysqli_num_rows($que))
   {
    echo "<script>alert('Login successfull')</script>";
    echo"<script>window.open('homepage.php','_self')</script>";
  }

  else
  {
  echo "<script>alert('wrong prn or passsword') </script>";
   echo"<script>window.open('login student.php','_self')</script>";
  }

mysqli_close($con);

}

?>
```

ADMIN LOGIN CODE :-

```
<?php
include 'database.php';
if (isset($_POST['submit']))
{

  $username=$_POST['uname'];
  $password=$_POST['pin'];
  $sql =" SELECT *FROM log where uname='$username'AND pin='$password' ";
$que=mysqli_query($con,$sql);
if (mysqli_num_rows($que))
   {
          echo "<script>alert('Login successfull')</script>";
    echo"<script>window.open('addminhome.php','_self')</script>";
  }

  else
  {
  echo "<script>alert('wrong username or passsword') </script>";
   echo"<script>window.open('log admin.php','_self')</script>";
  }

mysqli_close($con);

}

?>
```

CSS Stylesheet -:

```
body
{
  background-color: aliceblue;
  margin: 50px;}
.navbar {
  overflow: hidden;
  background-color: orangered;
  font-family: Arial;
 margin: 50px;
}


.navbar a {
  float: left;
  font-size: 16px;
  color: white;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;

}
a
{
  margin: 15px;
  text-align: center;

}


.dropdown {
  float: left;
  overflow: hidden;
}


.dropdown .dropbtn {
  font-size: 16px;
  border: none;
  outline: none;
  color: white;
  padding: 14px 16px;
```

```
  background-color: inherit;
  font-family: inherit;
  margin: 0;
}


.navbar a:hover, .dropdown:hover .dropbtn {
  background-color: red;
}


.dropdown-content {
  display: none;
  position: absolute;
  background-color: #f9f9f9;
  min-width: 160px;
  box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
  z-index: 1;
}


.dropdown-content a {
  float: none;
  color: black;
  padding: 12px 16px;
  text-decoration: none;
  display: block;
  text-align: left;
}


.dropdown-content a:hover {
  background-color: orangered;
}


.dropdown:hover .dropdown-content {
  display: block;
}

footer
{color: #fff;
  background-color: orangered;
}
```

```
p
{
  margin: 15px;

}
section
{background-color: orangered;
  width: 65%;


}
article
{background-color: #fff;
 margin: 5px;

}
section,article{
  padding: 10px;

}
aside{

  float:right; width: 32.4%; background-color: orangered;

}
section,aside{
  margin: 10px;
}
header h1,p{
  margin: 10px;

}
h1,p{
  margin: 5px;}


    dropdownmenu ul,dropdownmenu li{
        margin: 0;
        padding: 0;

    }
     .dropdownmenu ul{
        background-color: orangered;
        list-style: none;
        width: 100%;
     }
```

```
  .dropdownmenu li{
     float: left;
     position: relative;
     width: auto;
   }
     .dropdownmenu a{

     }
.vins
  {
     border-radius: 10px;
     margin-top: 5;
  }

  .photo{
     width: 20%;
     text-align: center;
     background-color: sandybrown;
      margin: 10px 5px;
     opacity: 0.9;
     border-radius: 15px;
     margin-left: 30px;
  }
  .flex{
    display: flex;

  }
  .topnot{
    padding: 2% 3%;
  margin:2%  ;
  width: 21%;
     background-color: ;
  }
  .mainfooter{

     text-align: center;

    width: 100%;
     height: 25%;
  }
   .mainfooter p{

 padding: 20px;
 height: 40px;
 font-size: 20px;
```

```
    }
    .mainfooter a{
       padding: 2px;
    }

   .gallary{
      width: 30%;
       text-align: center;
       margin-right: 30px;
       border-radius: 15px
   }
```

Stylesheet 2-:

```
body {
  background-color: aliceblue;

  font-family: "Open Sans", sans-serif;
  color: #2b3e51;
}

nav{
  background-color: orangered;
   margin: 10px;
  }

a
{color: #fff;

}

a
{
  margin: 15px;

}


#login-form-wrap {
  background-color: #fff;
  width: 35%;
  margin: 30px auto;
  text-align: center;
```

```
  padding: 20px 0 0 0;
  border-radius: 4px;
  box-shadow: 0px 30px 50px 0px rgba(0, 0, 0, 0.2);
}

#login-form {
  padding: 0 60px;
}
#register-form-wrap {
  background-color: #fff;
  width: 35%;
  margin: 30px auto;
  text-align: center;
  padding: 20px 0 0 0;
  border-radius: 4px;
  box-shadow: 0px 30px 50px 0px rgba(0, 0, 0, 0.2);
}

#register-form {
  padding: 0 60px;
}

input {
  box-sizing: border-box;
  width: 80%;
  outline: none;
  height: 60px;
  line-height: 60px;
  border-radius: 4px;
  font-size: 16px;
}



input[type="submit"] {
  border: none;
  display: block;
  background-color: orangered;
  color: #fff;
  font-weight: bold;
  text-transform: uppercase;
  cursor: pointer;
  -webkit-transition: all 0.2s ease;
  transition: all 0.2s ease;
  font-size: 18px;
  position: relative;
```

```
  display: inline-block;
  cursor: pointer;
  text-align: center;
}
input[type="submit"]:hover {
  background-color: #329dd5;
  -webkit-transition: all 0.2s ease;
  transition: all 0.2s ease;
}

#create-account-wrap {
  background-color: aliceblue;
  color: black;
  font-size: 14px;
  width: 80%;
  padding: 10px 0;
  border-radius: 0 0 4px 4px;
}
#create-account-wrap a{
  color: orangered;
}
#type{
  width: 100%;
  height: 60px;
  font-size: 16px;
   line-height: 60px;
    border-radius: 4px;
}
```

References-:

- www.W3school.com
- www.google.com
- You tube .com
- ChatGPT

Future enhancement :

Bibliography:

The books referred during the development of this project are as follows:

- Tech Tips Unlimited YouTube Channel.
- Hariti Study Hub YouTube Channel.
- Stack Overflow
- ChatGPT
- Software Engineering from IGNOU block
- Database Management System from IGNOU block
- Software Engineering by Roger Pressman
- www.Google.com
- www.sql.com

THANK

YOU