# A mini project report on

# STUDENT SCHEDULE MANAGEMENT SYSTEM

*For the award of the degree*

*of*

**BACHELOR OF TECHNOLOGY**

**In**

**COMPUTER SCIENCE AND ENGINEERING**

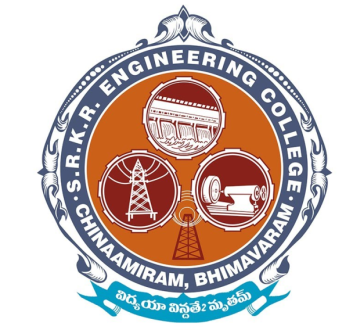
(II Year - II Semester)

**ADVANCED JAVA PROGRAMMING LAB**

***Submitted by***

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**SRKR ENGINEERING COLLEGE(A)**

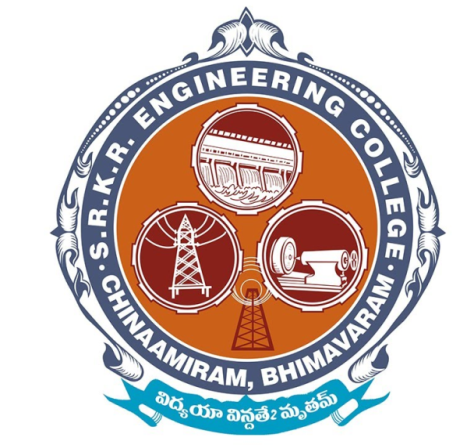
ChinnaAmiram, Bhimavaram, West Godavari Dt.,

[2021-2022]

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**S.R.K.R. ENGINEERING COLLEGE**

**BHIMAVARAM**



*CERTIFICATE*

This is to certify that this is a bonafide work on “**Student Schedule Management System**” and has been submitted by Mr.G.JOHITH SRIMAN(19B91A0566) and Miss.J.NISHITHA (19B91A0581), in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering, during the academic year 2021-2022. The candidate worked right under my Supervision and guidance.

**Lecturers In-Charge Lab Coordinator**

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S.R.K.R.Engg.College, S.R.K.R.Engg.College,

Bhimavaram. Bhimavaram.

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**ABSTRACT**

* The project titled Student Schedule Management System is a student schedule management managing software for the purpose of managing the schedule of the students.
* Student Schedule Management System allows the students to register and store their schedule and edit it. In this project we developed a new approach to manage the schedule of students. The students can register and login to check their schedule and there is an option for editing and deleting their schedule.
* The user will find it easily in the automated system rather than using the manual writing system. The system contains a database where all the information is stored safely.

**1.MODULES**

**1.1 HOME PAGE:**

In this module there is option for either registering the students or for the student login.

**1.2 STUDENT REGISTRATION MODULE:**

In this module we enter name, register number and the topics for the sessions and then we submit.

**1.3 STUDENT LOGIN MODULE:**

In this module we enter the registration number and login to see the schedule.

**1.4 STUDENT SCHEDULE MODULE:**

In this module we show the name, registration number and schedule of the student and there is a button for the updating and deletion of the details.

**1.5 SCHEDULE UPDATION MODULE:**

In this module we can update the name, reg.no, sessions of the student.

**2.SOFTWARE REQUIREMENT SPECIFICATIONS**

**2.1 PURPOSE:**

In this project the student can easily manage the schedule rather than doing it manually. The main theme of the project is to easily store and maintain the schedule of many students. The student can register to the project can edit and delete their details.

**2.2 SCOPE:**

The scope of this project is to solve the complexity to the student.

2**.3 OBJECTIVE:**

The main objective of this project is to make it easy for the students to edit and store their schedule and to maintain that data.

**2.4 EXISTING SYSTEM:**

In the existing student schedule management system it is difficult for the students to make a schedule and maintain the details abd it is also difficult to edit the schedule. The existing system wastes time to overcome these problems we implement this system. Here the student once registered can check the schedule.

**DRAWBACKS:**

* Wastage lots of time
* Requires manual work

**2.5 PROPOSED SYSTEM:**

The proposed system of this project contains the student registration and the student login. Here the student can be registered by giving required details and can login by using registration number and can edit and delete the schedule and details.

**ADVANTAGES:**

* Reduces the time
* The student can easily change schedule
* Data is securely stored in database

**2.6 REQUIREMENT ANALYSIS**

Analysis focuses on producing a model of the system called the analysis model, which is correct, complete, consistent and verifiable . Analysis model is composed mainly of three individual models.

* Functional model
* Analysis object model
* Analysis dynamic model

**2.7 FUNCTIONAL REQUIREMENTS:**

Functional model represents the use of case diagrams, the object model with class diagram and the dynamic model with state chart and sequence diagrams.

**2.8 NON-FUNCTIONAL REQUIREMENTS:**

Non functional requirements are the limitations or constraints under which the system should provide its services to users. Following are the nonfunctional requirements

for library management system.

**2.8.1 RELIABLITY**

This system is more reliable and effective because of the quality of service to the user.

* **2.8.2 COST**

The cost of product development and maintenance is minimum.

* **2.8.3 PERFORMANCE**

This system is developed in the high-level languages front end using html and jsp back end using MYSQL. It will give response to the end with in the least time.

* **2.8.4 SUPPORTABILITY**

Java Data Base connection supports the system.

* **2.8.5 SECURITY**

The system provides high secured data only student can view after schedule. This avoid the non- authorized users access the system.

**2.9 PSEUDO REQUIREMENTS:**

**2.9.1 SOFTWARE REQUIREMENTS**

1.Web server- Apache Tomcat server

2. Operating System-Supports windows, Unix/Linux

3.MYSQL DataBase

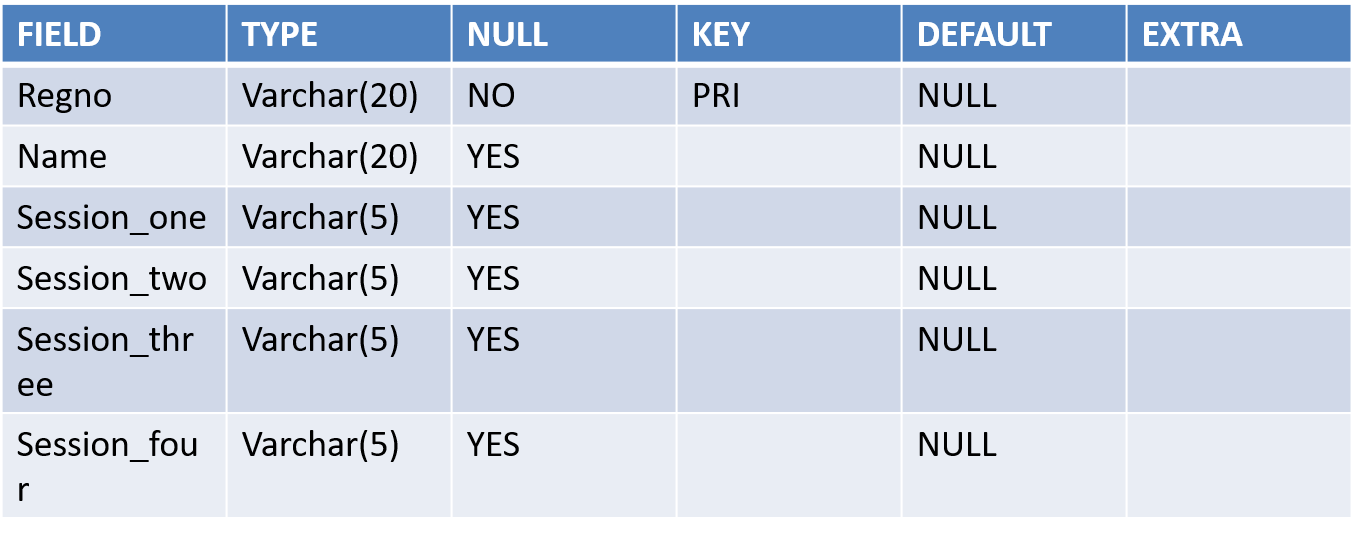
**2.9.2 HARDWARE REQUIREMENTS**

1.processor – Intel(R) Core(TM)i3-6006U [CPU@2.00GHz](mailto:CPU@2.00GHz) 1.99GHz

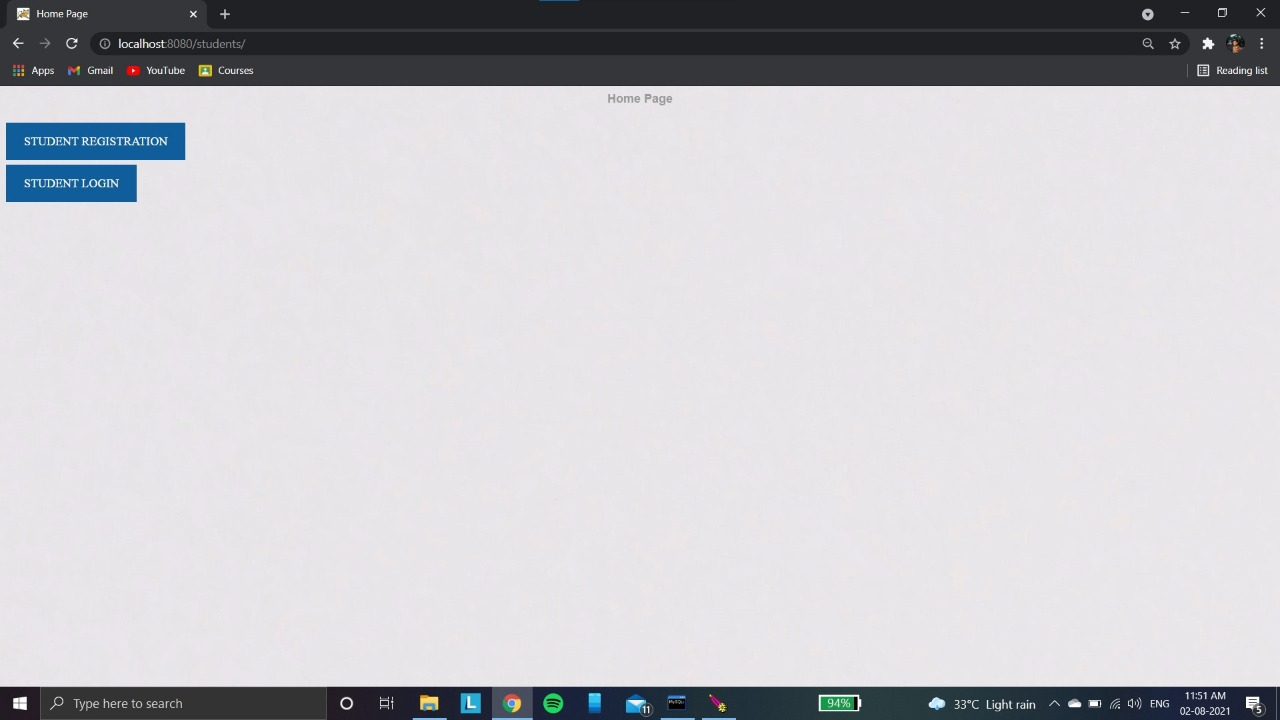
2.RAM -2GB or above

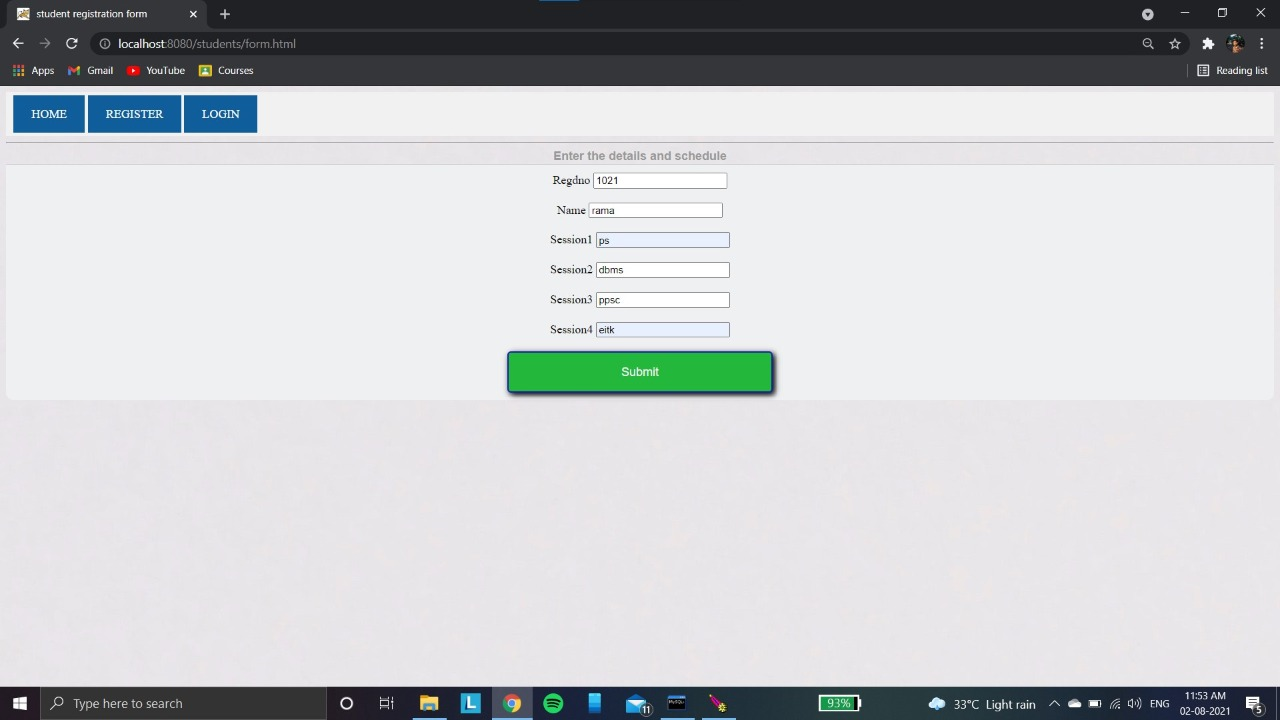
3.Hard Disk -250GB or above

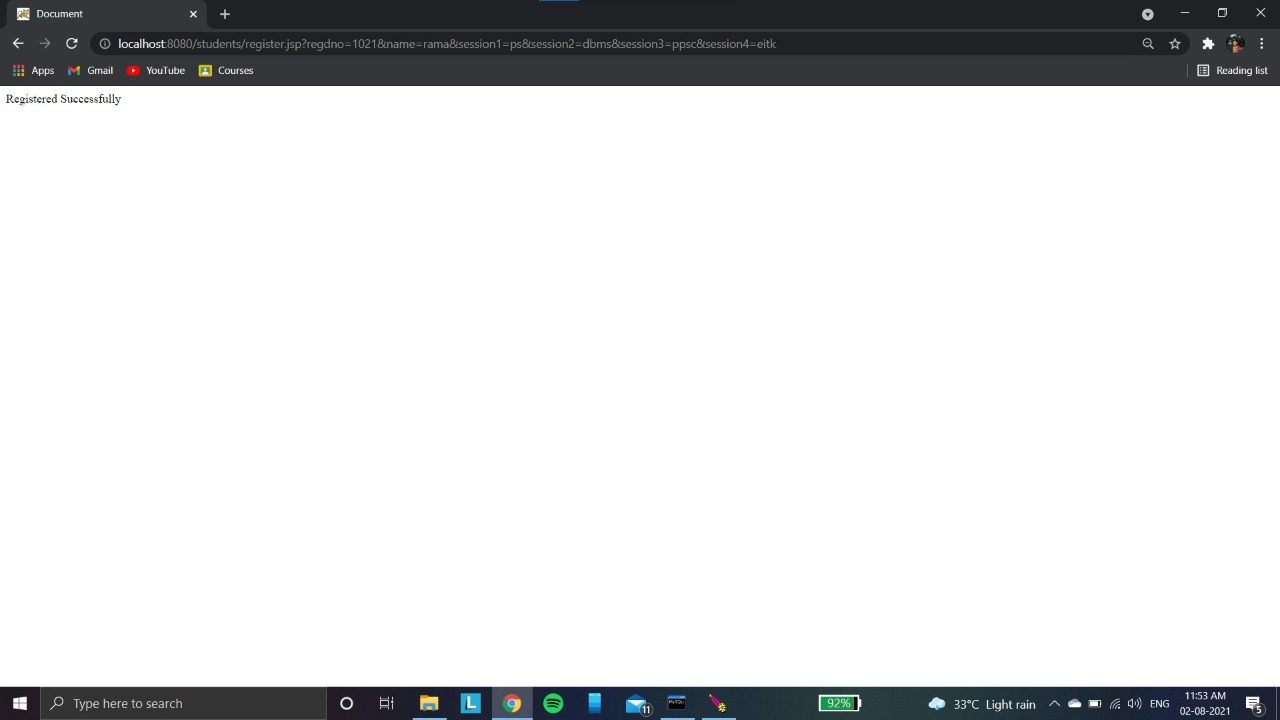
**3.DATABASE** **CONNECTIVITY**

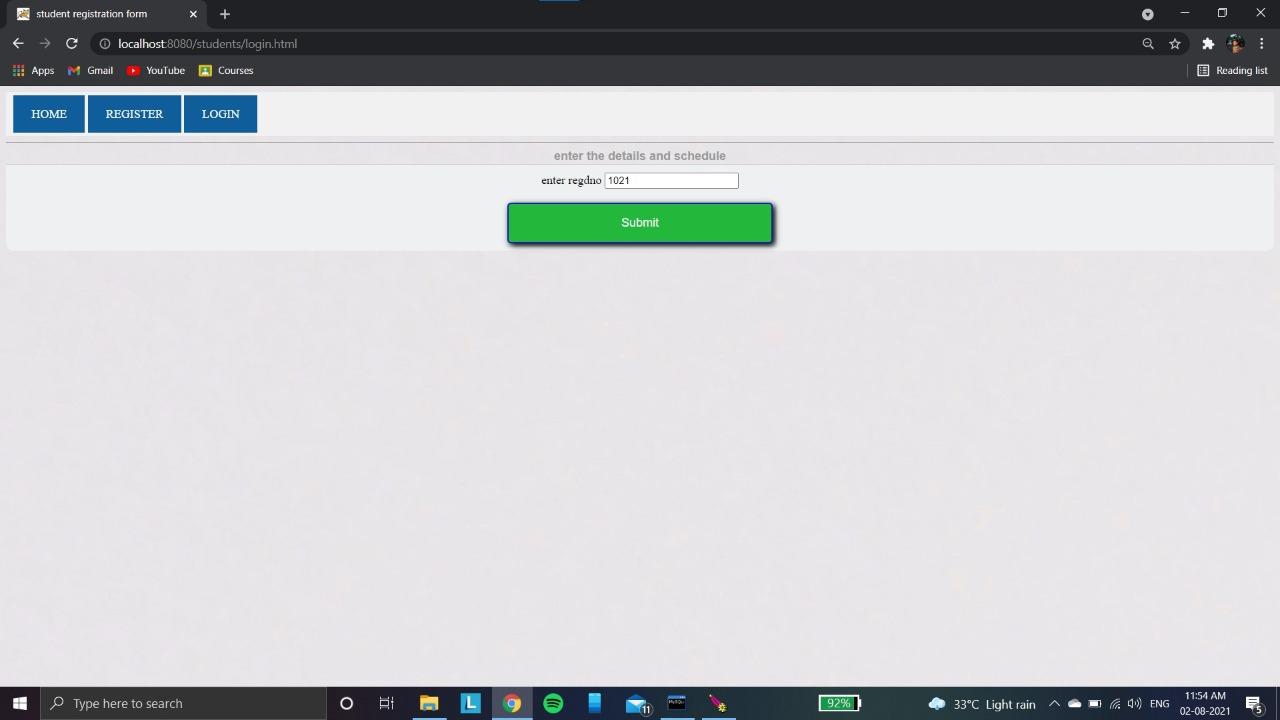


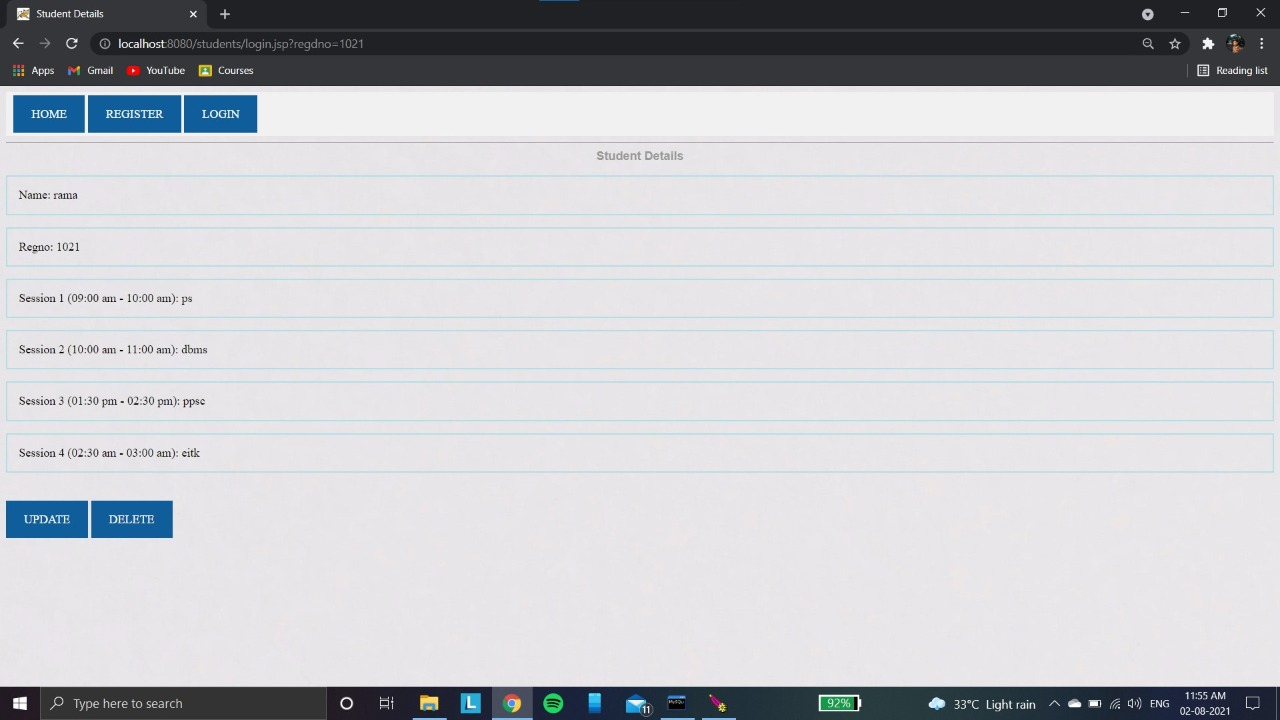
**4.OUTPUT SCREENS**

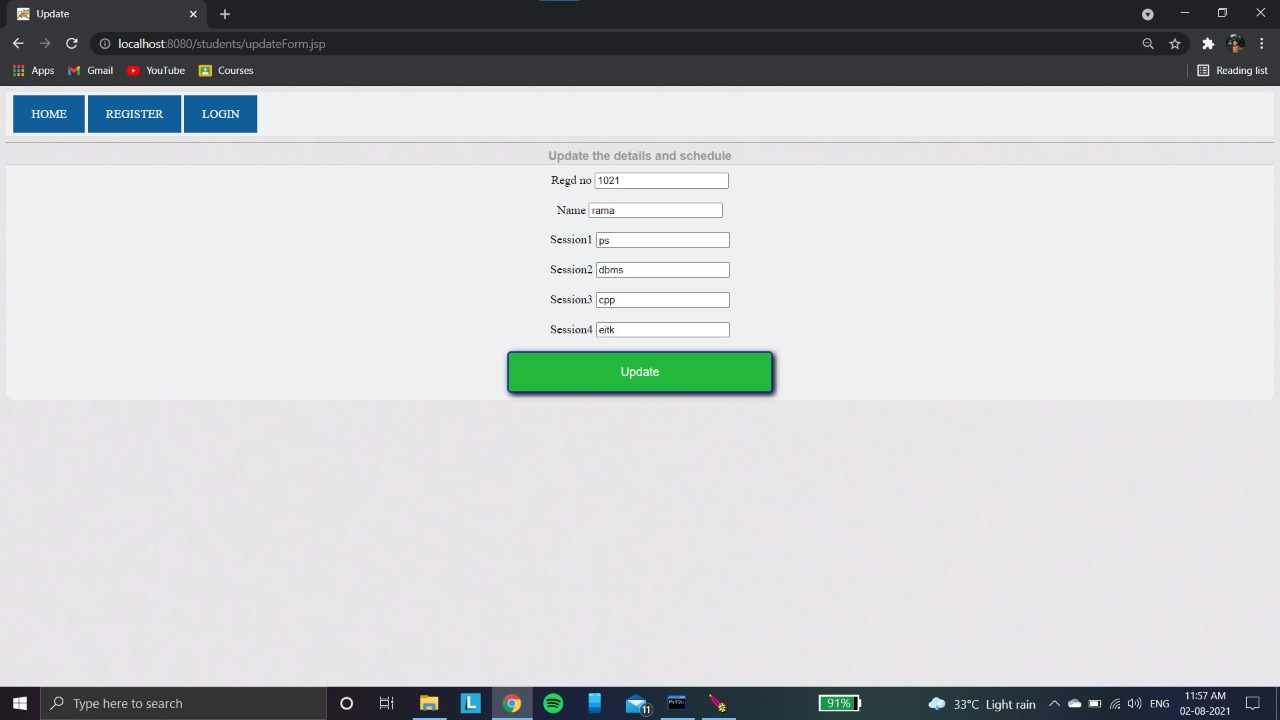


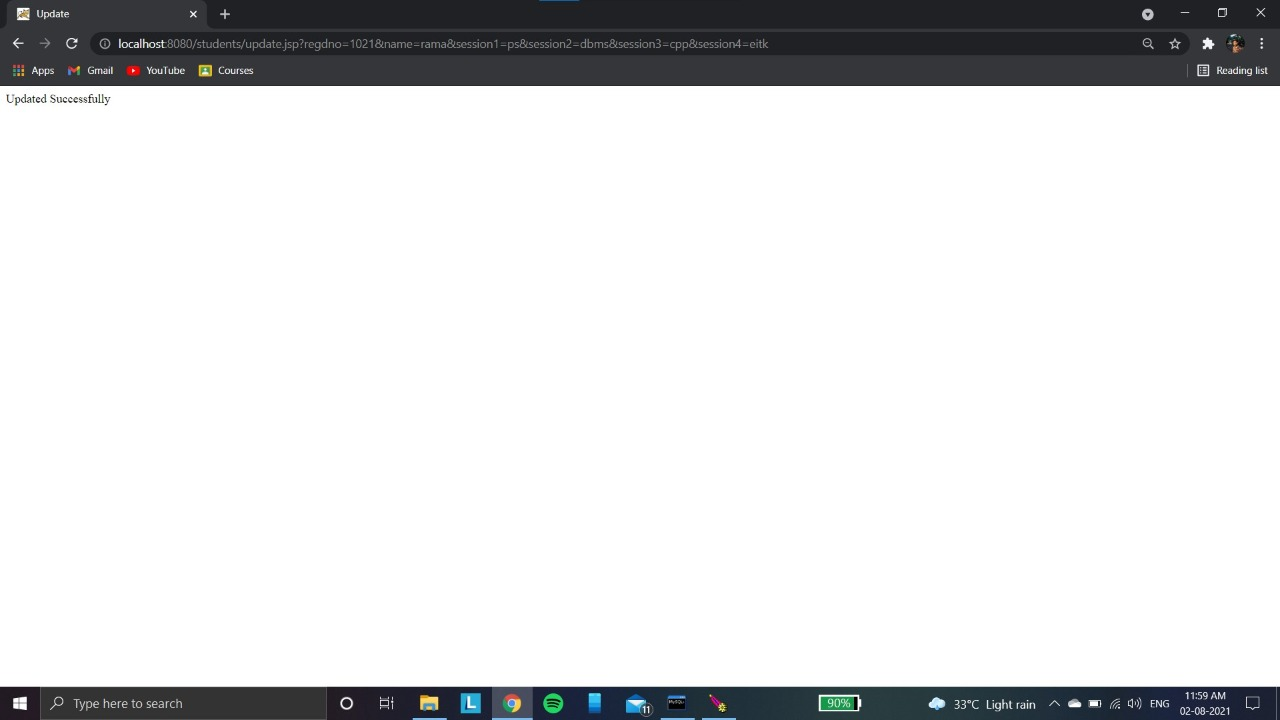


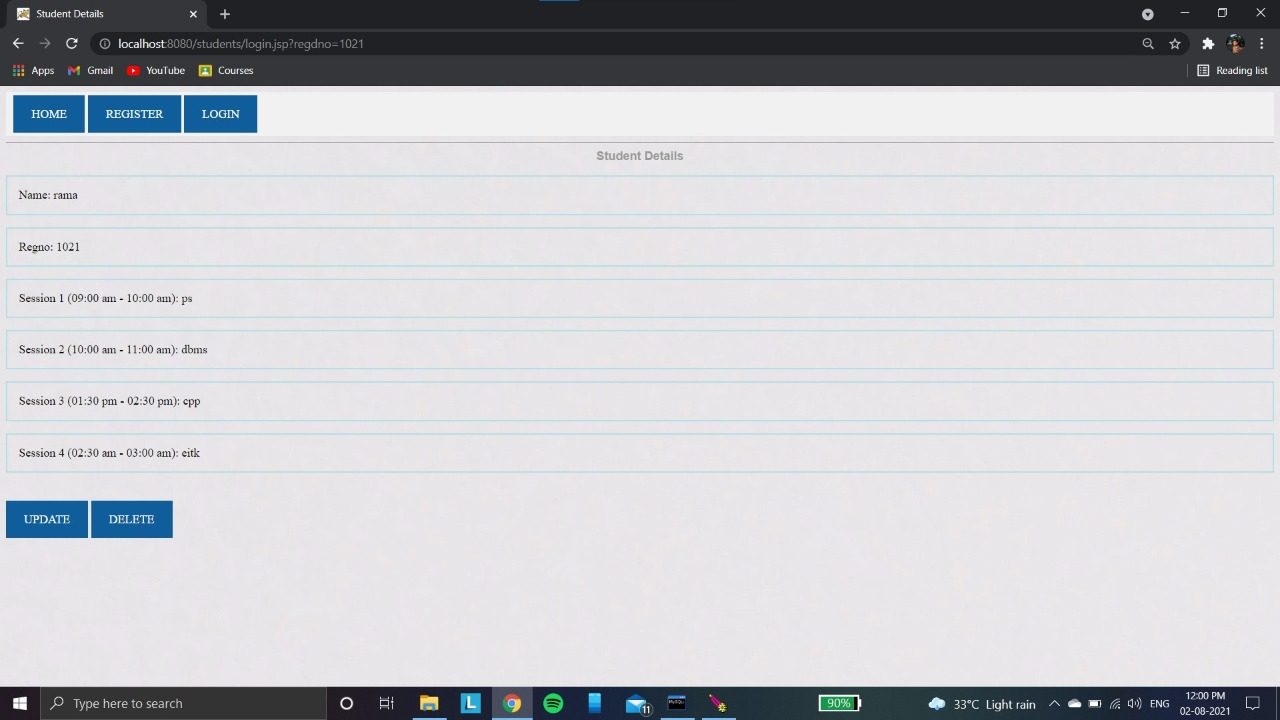


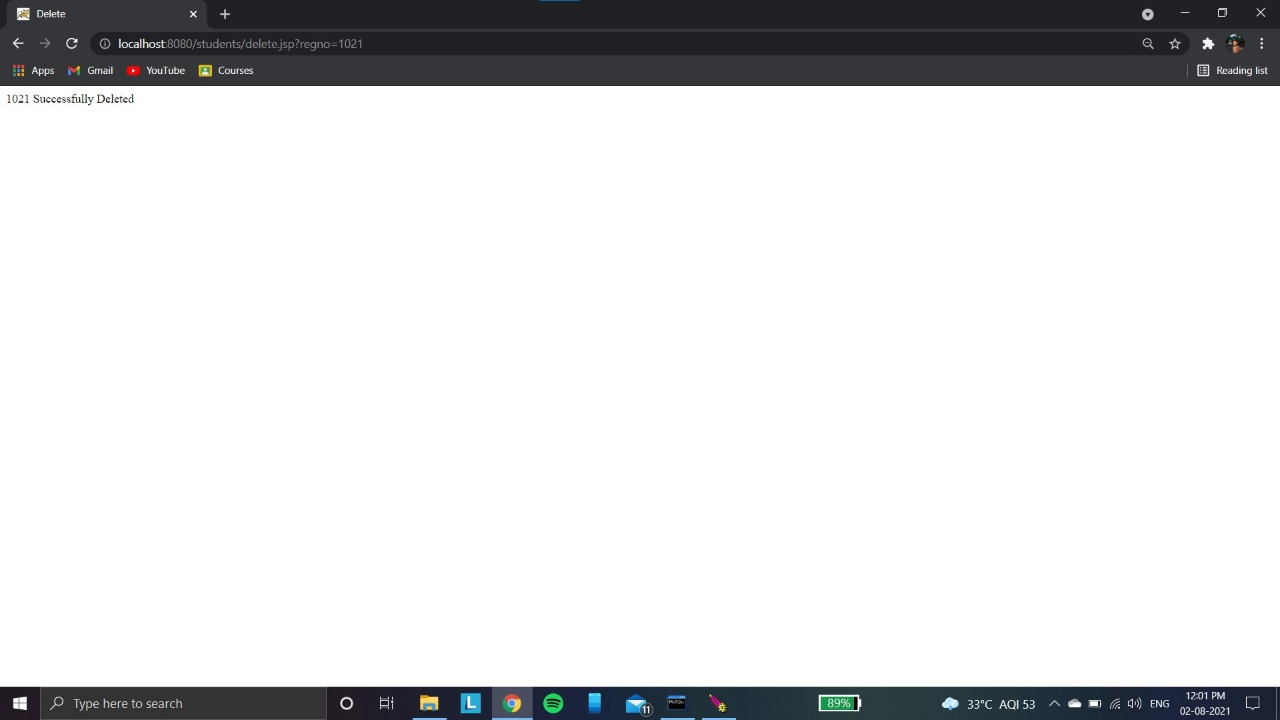












**5.CODE**

**INDEX.HTML**

<!DOCTYPE html>

<html>

<head>

<title>Home Page</title>

<link rel="stylesheet"

href="styles.css">

</head>

<body>

<h1>Home Page</h1>

<br><br>

<a href="form.html">student

registration</a>

<br><br><br>

<a href="login.html">student login</

a>

</body>

<html>

**FORM.HTML**

<!DOCTYPE html>

<html>

<head>

<title>student registration form</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<header>

<nav>

<a href="./index.html">Home</a>

<a href="./form.html">Register</a>

<a href="./login.html">Login</a>

</nav>

</header>

<hr>

<h1>Enter the details and schedule</h1>

<form action="./register.jsp">

<label for="regdno">Regdno</label>

<input type="text" id="username" name="regdno">

<br><br>

<label for="name">Name</label>

<input type="text" id="name"

name="name">

<br><br>

<label for="session1">Session1</

label>

<input type="name" id="session1“

name="session1">

<br><br>

<label for="session2">Session2</label>

<input type="name" id="session2“name="session2">

<br><br>

<label for="session3">Session3</label>

<input type="name" id="session3" name="session3">

<br><br>

<label for="session4">Session4</label>

<input type="name" id="session4“name="session4">

<br><br>

<button type="submit“

value="Submit">Submit</button>

</form>

</body>

**LOGIN.HTML**

<!DOCTYPE html>

<html>

<head>

<title>student registration form</title>

<link rel="stylesheet"href="styles.css">

</head>

</body>

<header>

<nav>

<a href="./index.html">Home</a>

<a href="./form.html">Register</a>

<a href="./login.html">Login</a>

</nav>

</header>

<hr>

<h1>enter the details and schedule</h1>

<form action="./login.jsp">

<label for="regdno">enter regdno</label>

<input type="text" id="username" name="regdno">

<br><br>

<button type="submit" value="Submit">Submit</button>

</form>

**LOGIN.JSP**

<%@page language="java" %>

[<%@page import="java.sql.\*" %](mailto:%25@page%20import=%22java.sql.*%22%20%25)>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Student Details</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<%

String user = "root";

String password = "Sriman123";

String regno = request.getParameter("regdno");

try {

Class.forName("com.mysql.cj.jdbc.Driver");

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/test", user, password);

Statement stmt = con.createStatement();

ResultSet rs = stmt.executeQuery("select \* from students where regno='" + regno + "'");

if (rs.next()) {

String regdno = rs.getString(1);

String name = rs.getString(2);

String sessionOne = rs.getString(3);

String sessionTwo = rs.getString(4);

String sessionThree = rs.getString(5);

String sessionFour = rs.getString(6);

session.setAttribute("regno", regdno);

session.setAttribute("name", name);

session.setAttribute("sessionOne",sessionOne);

session.setAttribute("sessionTwo",sessionTwo);

session.setAttribute("sessionThree", sessionThree);

session.setAttribute("sessionFour", sessionFour);

%>

<header>

<nav>

<a href="./index.html">Home</a>

<a href="./form.html">Register</a>

<a href="./login.html">Login</a>

</nav>

</header>

<hr>

<h1>Student Details</h1>

<div>

<p>Name: <%= name %></p>

<p>Regno: <%= regdno %></p>

<p>Session 1 (09:00 am - 10:00 am): <%= sessionOne %></p>

<p>Session 2 (10:00 am - 11:00 am): <%= sessionTwo %></p>

<p>Session 3 (01:30 pm - 02:30 pm): <%= sessionThree %></p>

<p>Session 4 (02:30 am - 03:00 am): <%= sessionFour %></p>

</div>

<br><br>

<a href="./updateForm.jsp">Update</a>

<a href="./delete.jsp?regno=<%= regno %>">Delete</a>

<%

} else {

out.println("error");

}

} catch (Exception e) {

out.println(e);

}

%></body></html>

**UPDATEFORM.JSP**

<%@page language="java" %>

[<%@page import="java.sql.\*" %](mailto:%25@page%20import=%22java.sql.*%22%20%25)>

<!DOCTYPE html><html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

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

<title>Update</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<header>

<nav>

<a href="./index.html">Home</a>

<a href="./form.html">Register</a>

<a href="./login.html">Login</a>

</nav>

</header>

<hr>

<h1>Update the details and schedule</h1>

<%

String regno = String.valueOf(session.getAttribute("regno"));

String name = String.valueOf(session.getAttribute("name"));

String sessionOne = String.valueOf(session.getAttribute("sessionOne"));

String sessionTwo = String.valueOf(session.getAttribute("sessionTwo"));

String sessionThree = String.valueOf(session.getAttribute("sessionThree"));

String sessionFour = String.valueOf(session.getAttribute("sessionFour"));%>

<form action="./update.jsp">

<label for="username">Regd no</label>

<input type="text" id="username" name="regdno" value="<%= regno %>">

<br><br>

<label for="name">Name</label>

<input type="text" id="name" name="name" value="<%= name %>">

<br><br>

<label for="session1">Session1</label>

<input type="name" id="session1" name="session1" value="<%= sessionOne %>">

<br><br>

<label for="session2">Session2</label>

<input type="name" id="session2" name="session2" value="<%= sessionTwo %>">

<br><br>

<label for="session3">Session3</label>

<input type="name" id="session3" name="session3" value="<%= sessionThree %>"> <br><br>

<label for="session4">Session4</label>

<input type="name" id="session4" name="session4" value="<%= sessionFour %>">

<br><br>

<button type="submit" value="Submit">Update</button>

</form>

</body>

</html>

**UPDATE.JSP**

<%@page language="java" %>

[%@page import="java.sql.\*" %](mailto:%25@page%20import=%22java.sql.*%22%20%25)>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

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

<title>Update</title>

</head>

<body>

<%

// Enter your username and password for the database

// in the variables

String user = "root";

String password = "Sriman123";

String regno = request.getParameter("regdno");

String name = request.getParameter("name");

String sessionOne = request.getParameter("session1");

String sessionTwo = request.getParameter("session2");

String sessionThree = request.getParameter("session3");

String sessionFour = request.getParameter("session4");

try {

Class.forName("com.mysql.cj.jdbc.Driver");

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/test", user, password);

PreparedStatement pstmt = con.prepareStatement("update students set regno=?, name=?, session\_one=?, session\_two=?, session\_three=?, session\_four=? where regno='" + regno + "'");

pstmt.setString(1, regno);

pstmt.setString(2, name);

pstmt.setString(3, sessionOne);

pstmt.setString(4, sessionTwo);

pstmt.setString(5, sessionThree);

pstmt.setString(6, sessionFour);

int i = pstmt.executeUpdate

if (i != 0) {

out.println("Updated Successfully");

}

else {

out.println("Something went wrong");

}

}

catch (Exception e) {

out.println(e);

}%>

</body>

</html>

<%@page language="java" %>

[<%”@page import="java.sql.\*" %](mailto:%25@page%20import=%22java.sql.*%22%20%25)>

<!DOCTYPE html><html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

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

<title>Update</title>

</head>

<body>

<%

// Enter your username and password for the database

// in the variables

String user = "root";

String password = "Sriman123";

String regno = request.getParameter("regdno");

String name = request.getParameter("name");

String sessionOne = request.getParameter("session1");

String sessionTwo = request.getParameter("session2");

String sessionThree = request.getParameter("session3");

String sessionFour = request.getParameter("session4");

try {

Class.forName("com.mysql.cj.jdbc.Driver");

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/test", user, password);

PreparedStatement pstmt = con.prepareStatement("update students set regno=?, name=?, session\_one=?, session\_two=?, session\_three=?, session\_four=? where regno='" + regno +

pstmt.setString(1, regno);

pstmt.setString(2, name);

pstmt.setString(3, sessionOne);

pstmt.setString(4, sessionTwo);

pstmt.setString(5, sessionThree);

pstmt.setString(6, sessionFour);

int i = pstmt.executeUpdate();

if (i != 0) {

out.println("Updated Successfully");

}

else {

out.println("Something went wrong");

}

}

catch (Exception e) {

out.println(e);

}

%>

</body>

</html>

**REGISTER.JSP:**

<%@page language="java" %>

[<%”@page import="java.sql.\*" %](mailto:%25@page%20import=%22java.sql.*%22%20%25)>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

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

<title>Document</title>

</head>

<body>

<%

// Enter your username and password for the database

// in the variables

String user = "root";

String password = "Sriman123";

String regno = request.getParameter("regdno");

String name = request.getParameter("name");

String sessionOne = request.getParameter("session1");

String sessionTwo = request.getParameter("session2");

String sessionThree = request.getParameter("session3");

String sessionFour = request.getParameter("session4");

try {

Class.forName("com.mysql.cj.jdbc.Driver");

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/test", user, password);

PreparedStatement pstmt = con.prepareStatement("insert into students values (?, ?, ?, ?, ?, ?)");

pstmt.setString(1, regno);

pstmt.setString(2, name);

pstmt.setString(3, sessionOne);

pstmt.setString(4, sessionTwo);

pstmt.setString(5, sessionThree);

pstmt.setString(6, sessionFour);

int i = pstmt.executeUpdate();

if (i != 0) {

out.println("Registered Successfully");

}else {

out.println("Something went wrong");

}

}

catch (Exception e) {

out.println(e);

}

%>

</body>

</html>

**STYLES.CSS:**

header {

overflow: hidden;

background-color: #f1f1f1;

padding: 20px 10px;

}form

{

background-color: #EFF0F1;

border-bottom-left-radius: 10px;

border-bottom-right-radius: 10px;

padding:10px 40px;

text-align: center;

border-top: 1px solid #cccccc;

}

h1{

color: #999999;

font-family: arial, sans-serif;

font-size: 16px;

font-weight: bold;

margin-top: 0px;

margin-bottom: 1px;

text-align:center;

}

a{

background-color: rgb(16, 93, 156);

color: white;

}

padding: 1em 1.5em;

text-decoration: none;

text-transform: uppercase;

text-align: center;

}

p{

border: 2px solid powderblue;

padding: 15px;

}

button

{

background-color: #23b83c;

border: 2px solid #181abb;

color: whitesmoke;

padding: 1em 1.5em;

text-align: center;

text-decoration: none;

font-size: 1em;

display: inline-block;

width: 22%;

border-radius: 5px;

box-shadow: 3px 3px 8px 0 #000;

}

**WEB.XML:**

**<**?xml version="1.0" encoding="UTF-8"?>

<web-app id="WebApp\_ID" version="2.5" xmlns="http://java.sun.com/xml/ns/j2ee" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://java.sun.com/xml/ns/j2ee http://java.sun.com/xml/ns/j2ee/web-app\_2\_4.xsd">

<display-name>student schedule</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.htm</welcome-file>

<welcome-file>default.jsp</welcome-file>

</welcome-file-list></web-app>