



A Project Report on
“HANDIAZZA”

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Handiazza is a name derived from two web applications namely Handshake and Piazza which are currently in use in USA. Handshake app is for recruitment purpose and Piazza app provides a chatting environment to students and faculties. We combined functions of both the applications into a single website under the name “**Handiazza**”.

VISION & MISSION

Vision

To create a sustainable academic environment to produce highly competent computer professionals.

Mission

1. To expose students to latest tools and technologies in computing.
2. To keep faculties in tune with current professional demands by adequate training and higher studies.
3. To Adapt to rapid advancements in the computing by engaging students in the lifelong learning.
4. To incorporate sound ethical moral and social values amongst students for benefit of the society.

PREFACE

There is a famous saying “The theory without practical is lame and practical without theory is blind.” The project "**HANDIAZZA**" in this report eases the process of recruitment and academics. Our application provides a solution to two of the major problems. Firstly the burden of interviewing a bunch of students can be eased up by using our application. Companies can specify their requirements and select only those students to interview whose profile matches their specifications. Secondly there is no such chatting environment for students and faculties to chat through a single application. So the other part of our application, helps students to chat with the faculties for any queries and also helps to build their profile for recruitment with their guidance.

We have taken great efforts to build this system by providing an easy user interface and maintaining the salient features of the system. This report is written keeping in mind the objective of the system. We earnestly hope to satisfy all the users of this system.

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1. ACKNOWLEDGMENTS

“Working collaboratively to ensure every student achieves academically, professionally and socially”. The project aims to provide an environment to nurture students towards excellence in every aspect. This research and implementation were supported by **Miss. Priti Bokharia**. We are highly indebted for her guidance and constant supervision as well as for providing necessary information regarding the project and also for her support in completing the project. We are thankful to our colleagues who provided expertise that greatly assisted the research.

Secondly, we would like to express our special gratitude and thanks to **Mr. Pankaj Rathod**, **Mr. Manish Solanki** for giving us such attention, efforts and time and thank **Mr. Ashish Taldeokar** to help us implement a research topic “Fuzzy Logic” and also for our chat module. We would also like to thank **Mr. Abhijit Dongaonkar** for helping us in preparing for our presentation to make it look enticing and for providing valuable improvements to make our system more better.

We express our special thanks of gratitude to our HOD, **Mr. Janardhan Kulkarni**, who gave us the golden opportunity to pursue this wonderful project on the topic **"HANDIAZZA"** which helped us in doing a lot of research and undertake new concepts to implementation.

We would lastly like to thank the entire staff of Computer Engineering and Information Technology department for their support, valuable guidance and time.

Last but not the least, the guidance of all these people lead to the successful completion of the project. As said, “It is teachers who motivate us to do more than our capacity”.

Thank you.

2. PROBLEM DEFINITION

We have come across two different problems and we have integrated the solution for both the problems in a single website. The two of the problem statements are as follows:

- ❖ There is no application which provides contact information of all the lecturers and students, also there does not exist a medium to provide interaction between the staff and students over the university's website. So by proposing this application we provide contact information and also provide a means of communication between students and lecturers through the application itself.
- ❖ The recruitment process are very time-consuming. It takes a lot of time in taking interviews of all students in a particular university without knowing candidate's individual interests. Through this application we reduce the workload of recruiters by taking their requirements and mapping with individual candidate's likings, providing the companies the candidates which are best suitable for them.

3. ABSTRACT

Handiazzza is a university oriented web system to provide a better learning experience by directly connecting the students with the expert faculties and let students build up their profile for internships with the guidance of the faculty. The web system can be used by students, lecturers and recruiters who are affiliated to a specific university. Pertaining to a particular university, the students and lecturers are given access to it. Here the students can create their profiles and can also directly communicate with the lecturers for any queries. Lecturers can view the students profile; can also provide feedback to the students based on the query issued to them. It is helpful for recruiters to select the students, as the application contains all the information of the candidates, their interests, certifications and expertise. The application greatly saves recruiters time as it can easily identify candidates by filtering out students using fuzzy logic which are best applicable for their association and provides surface opportunities to those students by analyzing their profiles through a single application. The forum can also notify students if there are any job vacancies suitable for them. Thus it's a win-win situation for both students as well as recruiters.

4. INTRODUCTION

Now-a-days students want faster and an easy medium of communication. They also want quick response to their queries which is not achieved most of the times. The students are really confused regarding the entire internship placement proceedings. As a need to overcome both the problems we introduce a web system which solves both the above mentioned issues. The application can be viewed as a combination of two approaches.

The first part involves having a direct chatting environment between any student and any lecturer peculiarly of a common university in an efficient and intuitive manner. This application provides access to the information of lecturer or student required for communication. It engages students and promotes answering classmates questions in a private, secure, centralized location. It also saves instructors time while giving deeper insights. From the student's side he/she can chat with any lecturer to clear their doubts provided the lecturer is online at that particular time. Otherwise a student can get the response whenever the instructor returns back online.[1]

The second approach includes generating a profile of each and every student by analysing their interests, qualifications etc. and matching it with the company's requirements. Based on this approach companies get to know the best suitable candidates for their association. On the students side this application lands a job or internship that sparks their unique interests. It is very helpful for recruiters as it involves taking interviews of only those students who are good enough for their assembly. This web system uses fuzzy logic to map recruiter's requirement with the students profile and provides the variant list of outputs consisting of students which are highly efficient to the students which are least efficient.[2]

5. SOFTWARE REQUIREMENTS

5.1 Netbeans IDE 8.2



Figure 5.2 Netbeans

NetBeans is an integrated development environment (IDE) for Java. NetBeans allows applications to be developed from a set of modular software components called *modules*. NetBeans runs on Microsoft Windows, macOS, Linux and Solaris. In addition to Java development, it has extensions for other languages like PHP, C, C++ and HTML5, Javadoc and Javascript. NetBeans enables users, developers and businesses to develop their products quickly, efficiently and easily by leveraging the strengths of the Java platform and other relevant industry standards.[3]

5.2 Node JS



Figure 5.2 Node js

Node.js is an open source server framework. Node.js is free. Node.js runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.). Node.js uses JavaScript on the server. Node.js' package ecosystem, npm, is the largest ecosystem of open source libraries in the world.[4]

5.3 Socket.io



Figure 5.3 Socket.io

The Web Socket specification defines an API establishing "socket" connections between a web browser and a server. In plain words: There is an persistent connection between the client and the server and both parties can start sending data at any time. It overcomes limitations with HTTP to allow for low latency communication between a user and web service.[5]

5.4 Express server



Figure 5.4 Express Server

Express is a minimal and flexible Node.js web application framework that provides a robust set of features for web and mobile applications. It has been called the de facto standard server framework for Node.js. The Express philosophy is to provide small, robust tooling for HTTP servers, making it a great solution for single page applications, web sites, hybrids, or public HTTP APIs.[6]

5.5 MySQL



Figure 5.5: MySQL

MySQL (officially pronounced as "My S-Q-L") is an open-source relational database management system(RDBMS). MySQL Workbench is a unified visual tool for database architects, developers, and DBAs. MySQL Workbench provides data modeling, SQL development, and comprehensive administration tools for server configuration, user administration, backup, and much more. MySQL Workbench is available on Windows, Linux and Mac OS X.[7]

5.6 Apache Tomcat



Figure 5.6 Apache Tomcat

Apache Tomcat, often referred to as Tomcat Server, is an open-source Java Servlet Container developed by the Apache Software Foundation (ASF). Tomcat implements several Java EE specifications including Java Servlet, JavaServer Pages (JSP), Java EL, and WebSocket, and provides a "pure Java" HTTP web server environment in which Java code can run. It basically makes our Java Web applications to run on host and server based system. There is a built in web container called Catalina in the tomcat bin directory. It loads all http related request and has privilege to instantiate the GET and POST method's object.[8]

5.7 JSP (Java Server Pages)



Figure 5.7 JSP

Java Server Pages (JSP) is a server-side programming technology that enables the creation of dynamic, platform-independent method for building Web-based applications. JSP have access to the entire family of Java APIs, including the JDBC API to access enterprise databases. A JSP page consists of HTML tags and JSP tags. The jsp pages are easier to maintain than servlet because we can separate designing and development.[9]

5.8Java Development Kit(JDK)



Figure 5.8 JDK

The Java Development Kit (JDK) is a software development environment used for developing Java applications and applets. It includes the Java Runtime Environment (JRE), an interpreter/loader (java), a compiler (javac), an archiver (jar), a documentation generator (javadoc) and other tools needed in Java development in order for us to develop Java applications. [10]

6 DATA FLOW DIAGRAM

DFD Level 0

The DFD Level 0 describes the basic functions of the system. Any of the three users (student, faculty or recruiter) has to first login before performing any task. The student and faculty can chat with each other for any queries. Recruiter can specify its requirements and then he/she gets a list of filtered students which are suitable for his/her company.

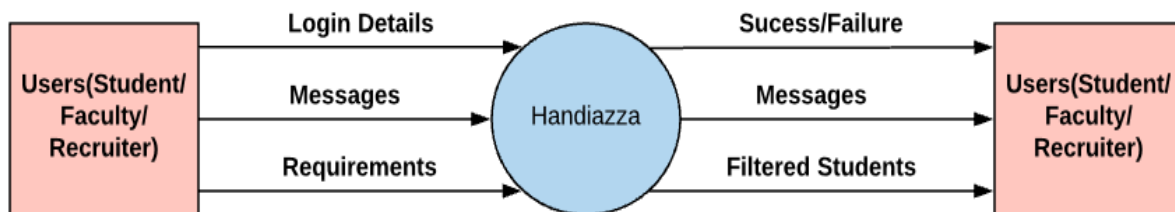


Figure 6.1 DFD Level 0

DFD Level 1

In this level when the user logins, he/she is redirected to his/her specific home page. If a student logs in he/she is redirected to the student home page and same goes for recruiter and faculty. If student, he/she can chat with faculties for or can edit his/her profile. If faculty, he/she can solve various queries of students or can view students profile. A recruiter can specify the company's conditions for job and gets a series of students which map its requirements.

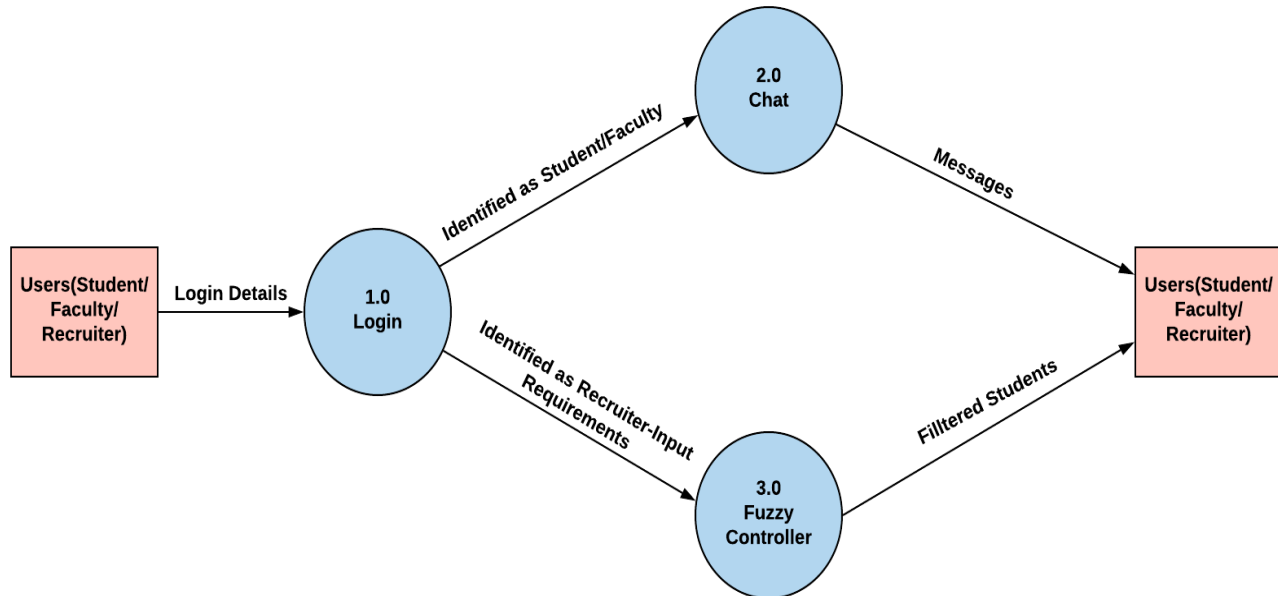


Figure 6.2 DFD Level 1

DFD Level 2

The DFD Level 2 describes the detailed working of our system. If a registered user logs in he/she is redirected to his/her specific home page. If a new user wants to register he is redirected to registration page where he/she can register itself as student, faculty or recruiter as per his/her profession. As a student, he/she can edit his/her educational details such as he can add courses, skills and interests. As a faculty, he/she can view profile of various students. Both students and faculty can interact with each other for query solving provided that both are online. If offline, the messages are stored in the database and when the user comes back online messages are sent to the user and deleted from the database. Recruiter has a facility to do two different tasks. Firstly he/she can specify his/her requirements and can notify the students as per his/her wish from the list of filtered out students. Secondly whenever there is a vacancy in the company, he/she can specify the type of job and notify students accordingly.

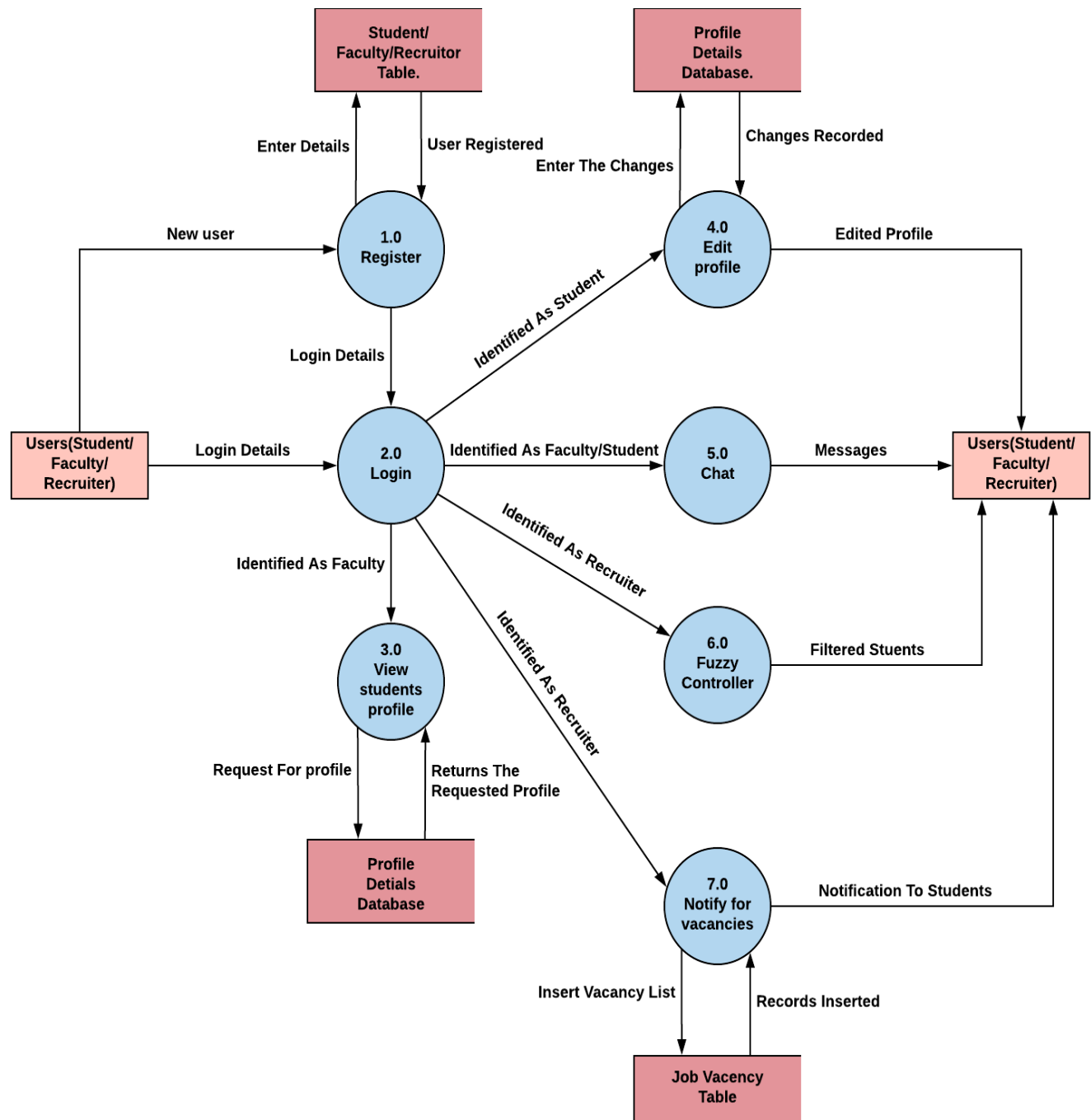


Figure 6.3 DFD Level 2

7 WORKING PRINCIPLE

7.1 Fuzzy Logic

A mathematical logic that attempts to solve problems by assigning values to an imprecise spectrum of data in order to arrive at the most accurate conclusion possible. Fuzzy logic is designed to solve problems in the same way that humans do: by considering all available information and making the best possible decision given the input.

Fuzzy logic is a generalization of standard logic, in which a concept can possess a degree of truth anywhere between 0.0 and 1.0. Standard logic applies only to concepts that are completely true (having degree of truth 1.0) or completely false (having degree of truth 0.0). Fuzzy logic is supposed to be used for reasoning about inherently vague concepts, such as 'tallness.' For example, we might say that 'President Clinton is tall,' with degree of truth of 0.9.

It turns out that the useful applications of fuzzy logic are not in high-level artificial intelligence but rather in lower-level machine control, especially in consumer products. Usually, fuzzy controllers are implemented as software running on standard microprocessors. A few special-purpose microprocessors have been built that do fuzzy operations directly in hardware, but even these use digital binary (0 or 1) signals at the lowest hardware level. There are some research prototypes of computer chips that use analog signals at the lowest level, but these chips simulate the operation of neurons rather than fuzzy logic.[11]

7.1.1 Block Diagram of Fuzzy Logic System

A fuzzy logic system (FLS) can be defined as the nonlinear mapping of an input data set to a scalar output data. A FLS consists of four main parts: fuzzifier, rules, inference engine, and defuzzifier. The output generated is crisp set of values. These components and the general architecture of a FLS is as shown in the Figure 7.A.1.

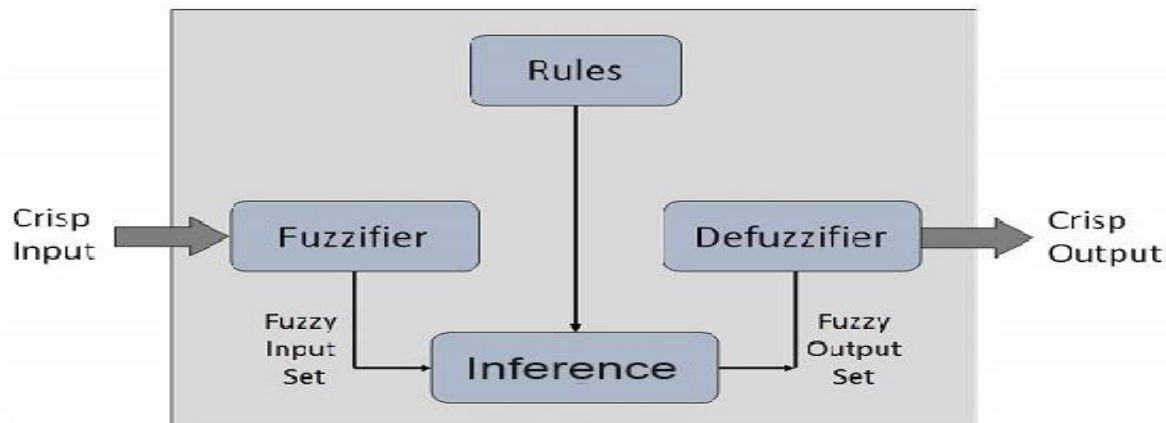


Figure 7.1.1.1 Block Diagram

The process of fuzzy logic is explained in Algorithm 1: Firstly, a crisp set of input data are gathered and converted to a fuzzy set using fuzzy linguistic variables, fuzzy linguistic terms and membership functions. This step is known as fuzzification. Afterwards, an inference is made based on a set of rules. Lastly, the resulting fuzzy output is mapped to a crisp output using the membership functions, in the defuzzification step.

In order to exemplify the usage of a FLS, consider an air conditioner system controlled by a FLS (Figure 2). The system adjusts the temperature of the room according to the current temperature of the room and the target value. The fuzzy engine periodically compares the room temperature and the target temperature, and produces a command to heat or cool the room.

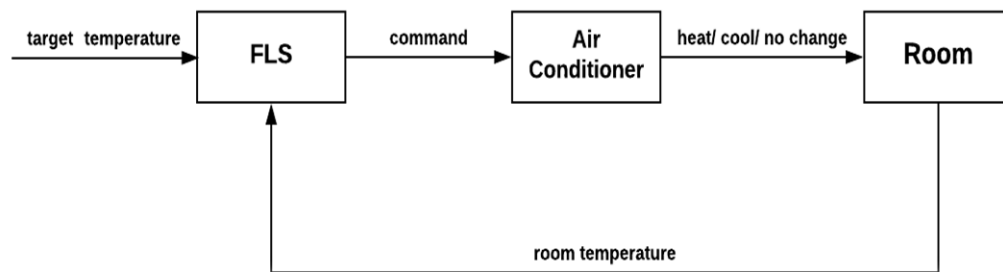


Figure 7.1.1.2 A Simple FLS to control an Air Conditioner

7.1.2 Fuzzy Logic Algorithm

The algorithm used to implement fuzzy logic is described below.

1. Define the linguistic variables and terms (initialization)
2. Construct the membership functions (initialization)
3. Construct the rule base (initialization)
4. Convert crisp input data to fuzzy values using the membership functions (fuzzification)
5. Evaluate the rules in the rule base (inference)
6. Combine the results of each rule (inference)
7. Convert the output data to non-fuzzy values (defuzzification)

7.1.3 Advantages of Fuzzy logic

- Fuzzy logic is conceptually easy to understand.

The mathematical concepts behind fuzzy reasoning are very simple. Fuzzy logic is a more intuitive approach without the far-reaching complexity.

- Fuzzy logic is flexible.

With any given system, it is easy to layer on more functionality without starting again from scratch.

- Fuzzy logic is tolerant of imprecise data.

Everything is imprecise if you look closely enough, but more than that, most things are imprecise even on careful inspection. Fuzzy reasoning builds this understanding into the process rather than tacking it onto the end.

- Fuzzy logic can model nonlinear functions of arbitrary complexity.

You can create a fuzzy system to match any set of input-output data. This process is made particularly easy by adaptive techniques like Adaptive Neuro-Fuzzy Inference Systems (ANFIS), which are available in Fuzzy Logic Toolbox software.

- Fuzzy logic can be built on top of the experience of experts.

In direct contrast to neural networks, which take training data and generate opaque, impenetrable models, fuzzy logic lets you rely on the experience of people who already understand your system.

- Fuzzy logic can be blended with conventional control techniques.

Fuzzy systems don't necessarily replace conventional control methods. In many cases fuzzy systems augment them and simplify their implementation.

- Fuzzy logic is based on natural language.

The basis for fuzzy logic is the basis for human communication. This observation underpins many of the other statements about fuzzy logic. Because fuzzy logic is built on the structures of qualitative description used in everyday language, fuzzy logic is easy to use.

7.1.4 Fuzzy membership functions

7.1.4.1 Fuzzy sets for input:

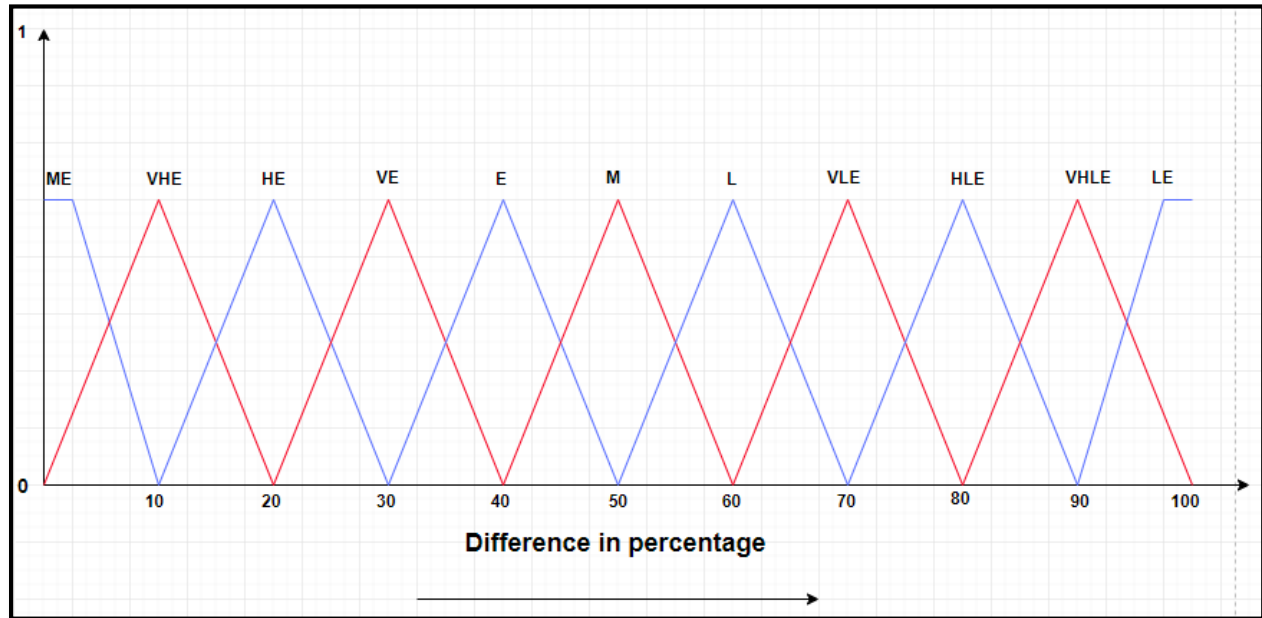


Figure 7.1.4.1.1 Input sets

The differences in percentage(D) are as follows:

1. 0-10: ME(Most Efficient)
2. 0-20: VHE(Very Highly Efficient)
3. 10-30: HE(Highly Efficient)
4. 20-40: VE(Very Efficient)
5. 30-50: E(Efficient)
6. 40-60: M(Moderate)
7. 50-70: L(Less Efficient)
8. 60-80: VLE(Very Less Efficient)
9. 70-90: HLE(Highly Less Efficient)
10. 80-100: VHLE(Very Highly Less Efficient)
11. 90-100: LE(Least Efficient)[12]

7.1.4.2 Fuzzy sets for output:

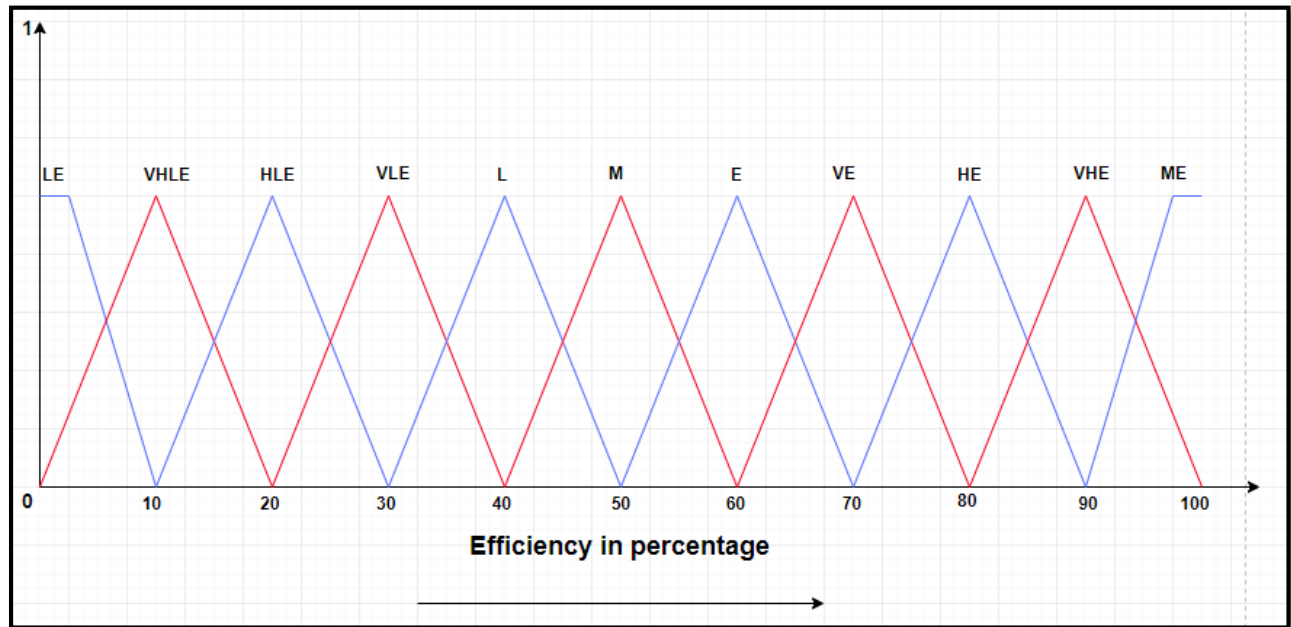


Figure 7.1.4.1.2 Output Sets

The efficiencies in percentage (E) are as follows:

1. 0-10: LE(Least Efficient)
2. 0-20: VHLE(Very Highly Less Efficient)
3. 10-30: HLE(Highly Less Efficient)
4. 20-40: VLE(Very Less Efficient)
5. 30-50: L(Less Efficient)
6. 40-60: M(Moderate)
7. 50-70: E(Efficient)
8. 60-80: VE(Very Efficient)
9. 70-90: HE(Highly Efficient)
10. 80-100: VHE(Very Highly Efficient)
11. 90-100: ME(Most Efficient)[12]

7.1.5 Fuzzy Rule Base Diagram

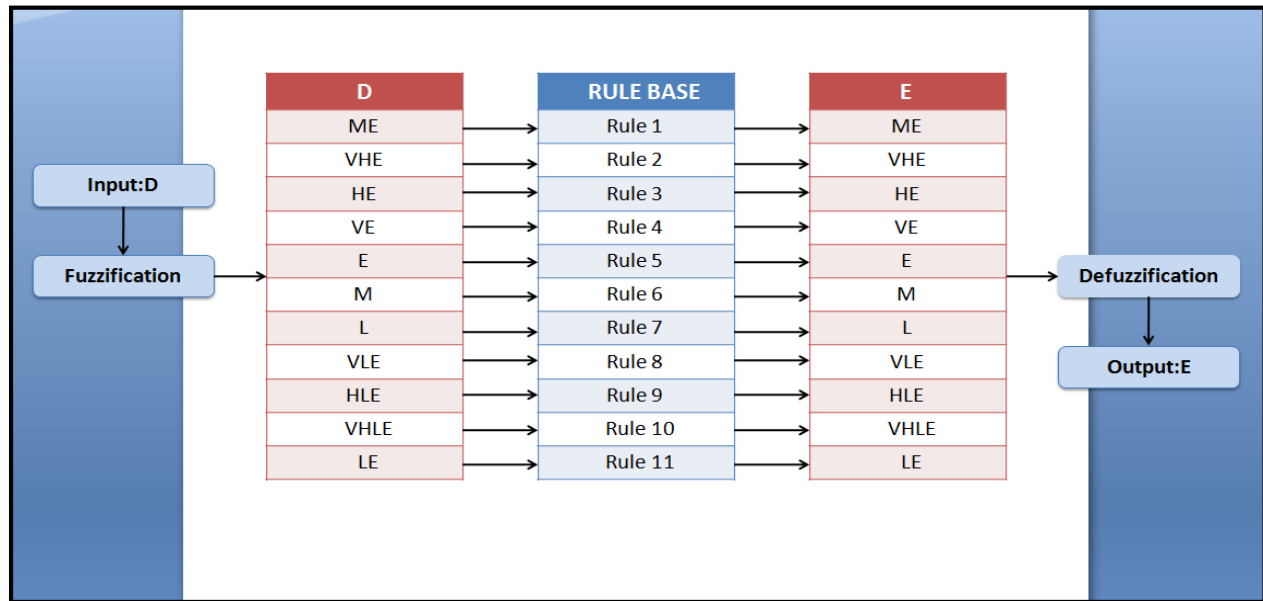


Figure 7.1.5.1 Rule Base Diagram

Rule 1: If D is ME then E is ME

Rule 2: If D is VHE then E is VHE

Rule 3: If D is HE then E is HE

Rule 4: If D is VE then E is VE

Rule 5: If D is E then E is E

Rule 6: If D is M then E is M

Rule 7: If D is L then E is L

Rule 8: If D is VLE then E is VLE

Rule 9: If D is HLE then E is HLE

Rule 10: If D is VHLE then E is VHLE

Rule 11: If D is LE then E is LE[12]

7.2 Chatting

7.2.1 Web Sockets

WebSockets are an advanced technology that makes it possible to open an interactive communication session between the user's browser and a server. With this API, you can send messages to a server and receive event-driven responses without having to poll the server for a reply.

WebSockets represent a long awaited evolution in client/server web technology. They allow a long-held single TCP socket connection to be established between the client and server which allows for bi-directional, full duplex, messages to be instantly distributed with little overhead resulting in a very low latency connection. WebSockets fits over the Java EE stack.

Both the WebSocket API and the well as native WebSocket support in browsers such as Google Chrome, Firefox, Opera and a prototype Silverlight to JavaScript bridge implementation for Internet Explorer, there are now WebSocket library implementations in Objective-C, .NET, Ruby, Java, node.js, ActionScript and many other languages.

7.2.1.1 Working

WebSockets provide a persistent connection between a client and server that both parties can use to start sending data at any time.

The client establishes a WebSocket connection through a process known as the WebSocket handshake. This process starts with the client sending a regular HTTP request to the server. An Upgrade header is included in this request that informs the server that the client wishes to establish a WebSocket connection.

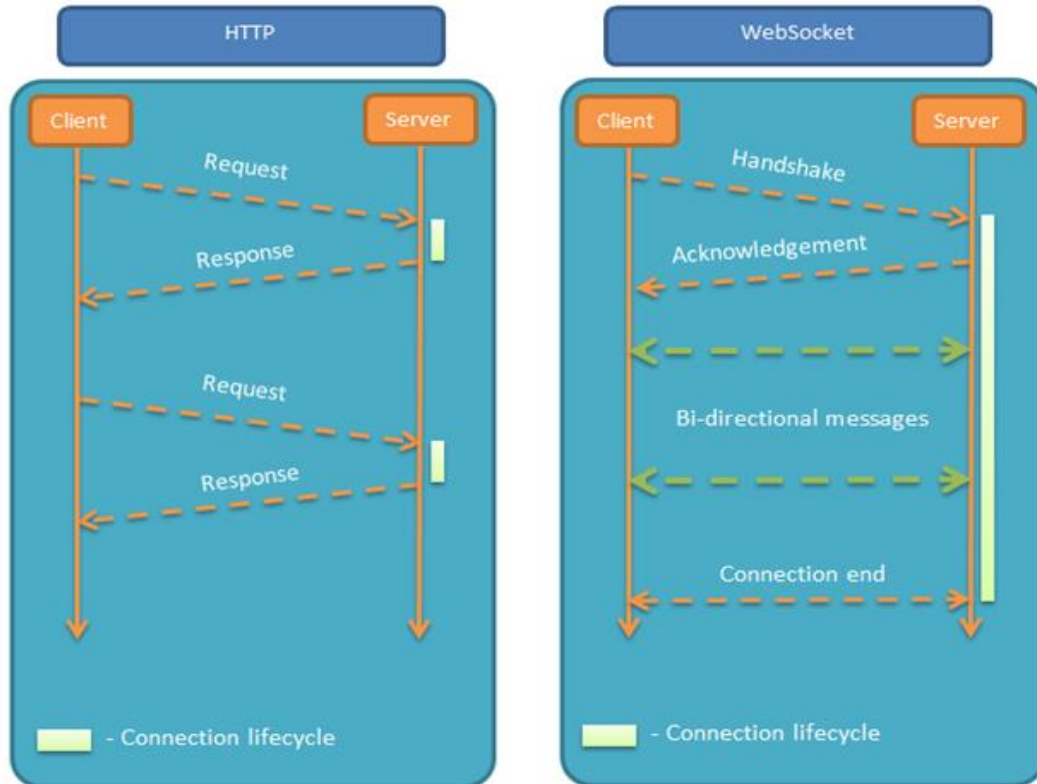


Figure 7.2.1.1 HTTP & Web Socket

Now that the handshake is complete the initial HTTP connection is replaced by a WebSocket connection that uses the same underlying TCP/IP connection. At this point either party can start sending data.

With WebSockets you can transfer as much data as you like without incurring the overhead associated with traditional HTTP requests. Data is transferred through a WebSocket as *messages*, each of which consists of one or more *frames* containing the data you are sending (the payload). In order to ensure the message can be properly reconstructed when it reaches the client each frame is prefixed with 4-12 bytes of data about the payload. Using this frame-based messaging system helps to reduce the amount of non-payload data that is transferred, leading to significant reductions in latency.

7.2.2 Node.js

What is Node.js?

- Node.js is an open source server framework
- Node.js is free
- Node.js runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
- Node.js uses JavaScript on the server

Why Node.js?

Node.js uses asynchronous programming!

A common task for a web server can be to open a file on the server and return the content to the client.

Here is how PHP or ASP handles a file request:

1. Sends the task to the computer's file system.
2. Waits while the file system opens and reads the file.
3. Returns the content to the client.
4. Ready to handle the next request.

Here is how Node.js handles a file request:

1. Sends the task to the computer's file system.
2. Ready to handle the next request.
3. When the file system has opened and read the file, the server returns the content to the client.

Node.js eliminates the waiting, and simply continues with the next request.

Node.js runs single-threaded, non-blocking, asynchronously programming, which is very memory efficient.

What Can Node.js Do?

- Node.js can generate dynamic page content
- Node.js can create, open, read, write, delete, and close files on the server
- Node.js can collect form data
- Node.js can add, delete, modify data in your database

What is a Node.js File?

- Node.js files contain tasks that will be executed on certain events
- A typical event is someone trying to access a port on the server
- Node.js files must be initiated on the server before having any effect
- Node.js files have extension ".js".[13]

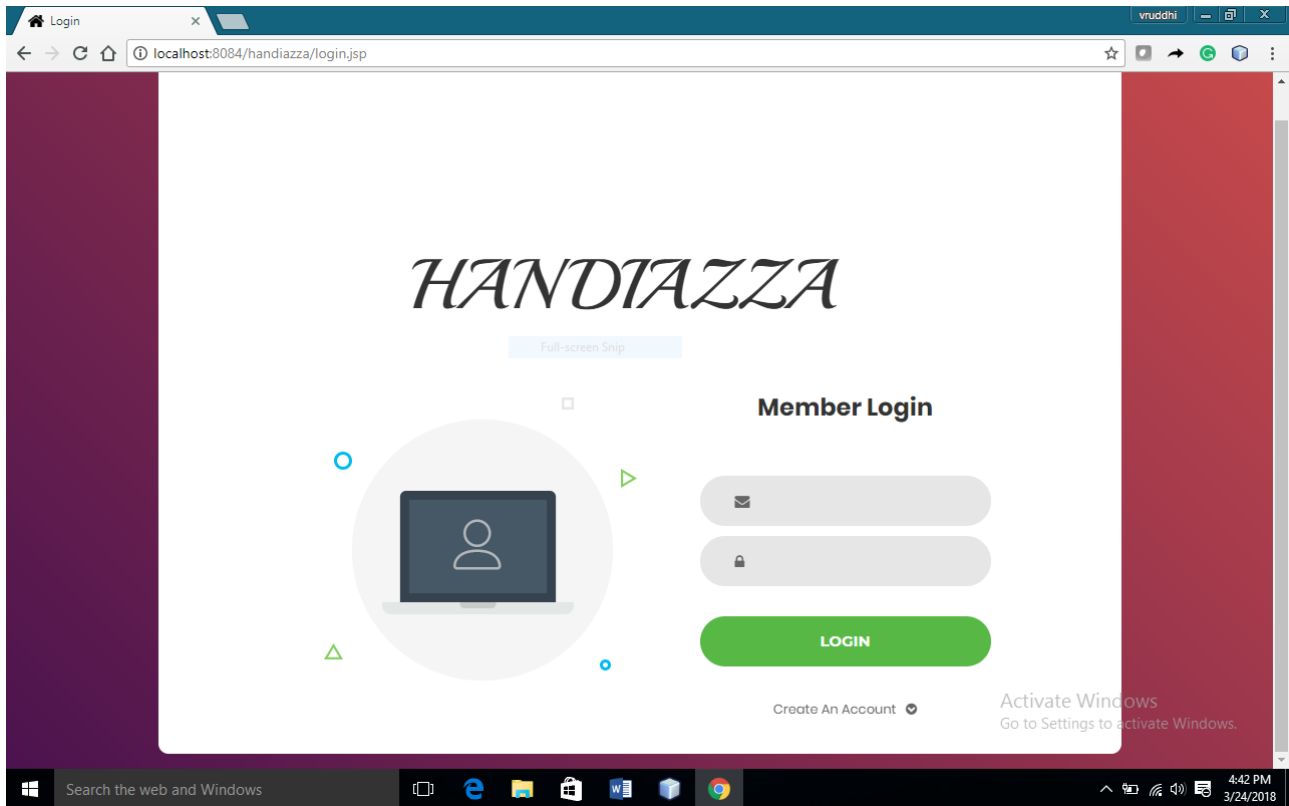
7 TIMELINE

Weeks:	01	02	03	04	05	06	07	08	09	10	11	12	13	14
Synopsis Preparation														
Requirement Gathering And Analysis														
Software Installation And Configuration														
Design(Web and Template)														
Coding														
Unit Testing														
Integration Testing														
System Testing														
Document														

Figure 8.1 Timeline

8 PROGRAMS AND SCREENSHOTS

9.1 Login:



```
<% @page contentType="text/html" pageEncoding="UTF-8" %>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <title>Login</title>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
    <link rel="icon" type="image/png" href="images/icons/favicon.ico" />
```

[illegible]

<body>

<div class="limiter">

<div class="container-login100">

<div class="wrap-login100">

HANDIAZZA

<div class="login100-pic js-tilt" data-tilt>

```



</div>

<form class="login100-form validate-form" method="post" action="loginvalidate.jsp">
    <span class="login100-form-title">
        Member Login
    </span>

    <div class="wrap-input100 validate-input" data-validate="Field cannot be
    empty">

        <input class="input100" type="text" name="uname" id="usn" required>
        <span class="focus-input100"></span>
        <span class="symbol-input100">
            <i class="fa fa-envelope" aria-hidden="true"></i>
        </span>
    </div>

    <div class="wrap-input100 validate-input" data-validate="cannot be empty"
    id="pw">
        <input class="input100" type="password" name="passwd" id="pwd" required>
        <span class="focus-input100"></span>
        <span class="symbol-input100">
            <i class="fa fa-lock" aria-hidden="true"></i>
        </span>
    </div>

    <div class="container-login100-form-btn">

```

```
<button class="login100-form-btn"> Login </button>

</div>

<div class="text-center p-t-30">

<div class="dropdown">

<p class="txt2"> Create An Account &nbsp;

<i class="fa fa-chevron-circle-down" aria-hidden="true"></i>

<a class="dropdown-content" href="acc_student.jsp">Student</a>

<a class="dropdown-content" href="acc_fac.jsp">Faculty</a>

<a class="dropdown-content" href="acc_rec.jsp">Recruiter</a></p>

</div>

</div>

</form>

</div>

</div>

</div>

<script src="vendor/jquery/jquery-3.2.1.min.js"></script>

<script src="vendor/bootstrap/js/popper.js"></script>

<script src="vendor/bootstrap/js/bootstrap.min.js"></script>

<script src="vendor/select2/select2.min.js"></script>

<script src="vendor/tilt/tilt.jquery.min.js"></script>

<script src="js/main.js"></script>
```

```
<script>

    $('js-tilt').tilt({

        scale: 1.1

    });

</script>

</body>

</html>
```

9.2 Login validate

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>

<% @page import="java.sql.DriverManager"%>

<% @page import="java.sql.*"%>

<!DOCTYPE html>

<html>

<head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

    <title>Login Validate</title>

</head>

<%

    int i = 0;

    char category;

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

    String username = request.getParameter("uname");
```

```

String password = request.getParameter("passwd");

Connection c = DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza",
"root", "root");

PreparedStatement ps = c.prepareStatement("Select * from login where username=? And
password=?");

ps.setString(1, username);

ps.setString(2, password);

ResultSet rs;

rs = ps.executeQuery();

while (rs.next())

{

    i++;

}

if (i == 0)

{

%>

<body>

    <script>

        alert("Username or password incorrect");

    </script>

</body>

</html>

<%

    response.sendRedirect("login.jsp");

```

```

    }
else
{
    category = username.charAt(0);

    ps = c.prepareStatement("Select sap_id from personal_details where
username=?");

    ps.setString(1, username);

    rs = ps.executeQuery();

    if (username.equals("admin") && password.equals("admin"))
    {
        response.sendRedirect("fac_home.jsp");
    }
    else if (category == 's')
    {
        if (rs.next())
        {
            session.setAttribute("user", rs.getString("sap_id"));
        }

        response.sendRedirect("student_home.jsp");
    }
    else if (category == 'r')
    {
        ps = c.prepareStatement("Select company_id from recruiter where
username=?");
    }
}

```

$\} \>$

9.3 Student Registration:

Student Registration

First Name :

Last Name :

Sap-Id :

Username :

Password :

Confirm Password :

Email :

Phone Number :

Gender : ☒ Male ☐ Female

DOB :

Department :

Student ID :

Activate Windows
Go to Settings to activate Windows.

Activate Windows
Go to Settings to activate Windows.

Search the web and Windows

5:54 PM
3/24/2018

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Login V1</title>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>

    <link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">

    <link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-
awesome.min.css">

    <link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">

    <link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">

    <link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">

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

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

</head>

<body>

    <div class="limiter">

        <div class="container-login100">

            <div class="wrap-login100">

                <form class="login100-form" action="registerstudent.jsp" method="post">
```

```

enctype="multipart/form-data">

<span class="login100-form-title">

    Student Registration

</span>

<table align="center">

    <tr>

        <td>First Name : </td>

        <td><input class="input100" type="text" id="name"
            name="name" required >&nbsp;</td>

    </tr>

    <tr>

        <td>Last Name : </td>

        <td><input class="input100" type="text" id="lname"
            name="lname" required >&nbsp;</td>

    </tr>

    <tr>

        <td>Sap-Id : </td>

        <td><input class="input100" type="number" id="sapid"
            name="sapid" required >&nbsp;</td>

    </tr>

    <tr>

        <td>Username : </td>

        <td><input class="input100" type="text" id="uv" name="un"
            required >&nbsp;</td>

    </tr>

```

```

</tr>

<td>Password : &nbsp; </td>

<td><input class="input100" type="password" id="pwd"
name="pss" required onfocus="user();>&nbsp;</td>

</tr>

<tr>

<td> Confirm Password : &nbsp; </td>

<td><input class="input100" type="password" id="cpwd"
name="cpss" required >&nbsp;</td>

</tr>

<tr>

<td> Email : &nbsp; </td>

<td><input class="input100" type="email" id="email"
name="email" required >&nbsp;</td>

</tr>

<tr>

<td> Phone Number : &nbsp; </td>

<td><input class="input100" type="number" id="pn" name="pn"
required maxlength="10">&nbsp;</td>

</tr>

<tr>

<td> Gender : &nbsp; </td>

<td>Male<input type="radio" name="gender" value="Male"
checked="checked">&nbsp;&nbsp;&nbsp;

Female<input type="radio" name="gender" value="Female">

```

```

        <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

<td> DOB : &nbsp;</td>

<td><input class="input100" type="date" id="date" name="dob"
required >&nbsp;</td>

</tr>

<tr>

<td> Department : &nbsp;</td>

<td><select class="input100" id="dept" name="dep" required >

<option value="Select">Select</option>

<option value="Computer Engineering">Computer
Engineering</option>

<option value="Information Technology">IT</option>

<option value="Mechanical Engineering">Mechanical
Engineering</option>

<option value="Electrical Engineering">Electrical
Engineering</option>

<option value="Civil Engineering">Civil Engineering</option>

<option value="Mechanical Engineering">Mechanical
Engineering</option>

<option value="Electronics Engineering">Electronics
Engineering</option>

<option value="Chemical Engineering">Chemical

```



```

{
    a = document.getElementById("pwd").value;
    b = document.getElementById("cpwd").value;
    if (a != b)
    {
        alert("Both the password fields must match");
    }
}

function user()
{
    var x;
    x = document.getElementById("un").value;
    if (x.charAt(0) != 's')
    {
        document.getElementById("uv").innerHTML = 'Please Start your
        username with s';
    }
    var xmlhttp;
    if (window.XMLHttpRequest)
    {
        xmlhttp = new XMLHttpRequest();
    }
    else

```

```

    {
        xmlhttp = new XMLHttpRequest("Microsoft.XMLHTTP");
    }
    xmlhttp.onreadystatechange = function ()
    {
        if (xmlhttp.readyState == 4 && xmlhttp.status == 200)
        {
            document.getElementById("uv").innerHTML =
                xmlhttp.responseText;
        }
    }
    xmlhttp.open("GET", "unvalid.jsp?q=" + x, true);
    xmlhttp.send();
}
</script>
<script src="vendor/jquery/jquery-3.2.1.min.js"></script>
<script src="vendor/bootstrap/js/popper.js"></script>
<script src="vendor/bootstrap/js/bootstrap.min.js"></script>
<script src="vendor/select2/select2.min.js"></script>
<script src="vendor/tilt/tilt.jquery.min.js"></script>
<script >
    $('js-tilt').tilt({
        scale: 1.1
    });

```



```
        })

    </script>

    <script src="js/main.js"></script>

</body>

</html>
```

9.4 Student Username Validation

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>

<% @page import="java.sql.DriverManager"%>

<% @page import="java.sql.*"%>

<!DOCTYPE html>

<html>

<head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

    <title>Validation</title>

</head>

<body>

    <%

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

        String uname=request.getParameter("q");

        Connection c = DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza",

            "root", "root");

        PreparedStatement ps = c.prepareStatement("Select * from login where username=?");
```

```

        ps.setString(1,uname);

        ResultSet rs=ps.executeQuery();

        if(rs.next())

        {

            out.println("Username already exists");

        }

    %>

</body>

</html>

```

9.5 Register student

```

<% @page contentType="text/html" pageEncoding="UTF-8"%>

<% @page import="com.sun.xml.internal.bind.CycleRecoverable.Context"%>

<% @page import="java.sql.DriverManager"%>

<% @page import="java.sql.*"%>

<% @page import="java.io.*"%>

<% @page import="java.io.File"%>

<% @page import="java.io.FileInputStream"%>

<% @page import="java.io.InputStream" %>

<% @page import="java.text.SimpleDateFormat"%>

<% @page import="java.util.Date"%>

<% @page import="javax.servlet.annotation.MultipartConfig"%>

<% @ page import = "java.io.*,java.util.*, javax.servlet.*" %>

```

```

<% @ page import = "javax.servlet.http.*" %>

<% @ page import = "org.apache.commons.fileupload.*" %>

<% @ page import = "org.apache.commons.fileupload.disk.*" %>

<% @ page import = "org.apache.commons.fileupload.servlet.*" %>

<% @ page import = "org.apache.commons.io.output.*" %>

<!DOCTYPE html>

<head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

    <title>Register student</title>

</head>

<%

    File file;

    int j = 0;

    String fileName = " ";

    String fieldName = " ";

    String formdata[] = new String[15];

    int maxFileSize = 5000 * 1024;

    int maxMemSize = 5000 * 1024;

    ServletContext context = pageContext.getServletContext();

    String filePath = context.getInitParameter("file-upload");

    FileItemFactory factory1 = new DiskFileItemFactory();

    ServletFileUpload upload1 = new ServletFileUpload(factory1);

    List<FileItem> uploadItems = upload1.parseRequest(request);

```

```

String contentType = request.getContentType();

if ((contentType.indexOf("multipart/form-data") >= 0))
{
    DiskFileItemFactory factory = new DiskFileItemFactory();
    factory.setSizeThreshold(maxMemSize);
    factory.setRepository(new File("c:\\mytemp"));
    ServletFileUpload upload = new ServletFileUpload(factory);
    upload.setSizeMax(maxFileSize);
    for (FileItem uploadItem : uploadItems)
    {
        if (uploadItem.isFormField())
        {
            fieldName = uploadItem.getFieldName();
            formdata[j] = uploadItem.getString();
        }
        else if (!uploadItem.isFormField())
        {
            fieldName = uploadItem.getFieldName();
            fileName = uploadItem.getName();
            boolean isInMemory = uploadItem.isInMemory();
            long sizeInBytes = uploadItem.getSize();
            if (fileName.lastIndexOf("\\") >= 0)

```

```

        {

            file = new File(filePath+
            fileName.substring(fileName.lastIndexOf("\\")));

        }

        else

        {

            file = new File(filePath+
            fileName.substring(fileName.lastIndexOf("\\") + 1));

        }

        uploadItem.write(file);

        formdata[j] = fileName;

    }

    j++;
}

try {

    List fileItems = upload.parseRequest(request);

    Iterator i = fileItems.iterator();

    while (i.hasNext())

    {

        FileItem fi = (FileItem) i.next();

        if (!fi.isFormField()) {} else {}

    }

}

```

```

        catch (Exception ex)
        {
            System.out.println(ex);
        }
    }
else
{
    out.println("<html>");
    out.println("<head>");
    out.println("<title>Servlet upload</title>");
    out.println("</head>");
    out.println("<body>");
    out.println("<p>No file uploaded</p>");
    out.println("</body>");
    out.println("</html>");
}

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

SimpleDateFormat formatter = new SimpleDateFormat("yyyy-MM-dd");

Connection c = DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza",
"root", "root");

PreparedStatement ps = c.prepareStatement("insert into login values(?,?)");

ps.setString(1, formdata[3]);

ps.setString(2, formdata[4]);

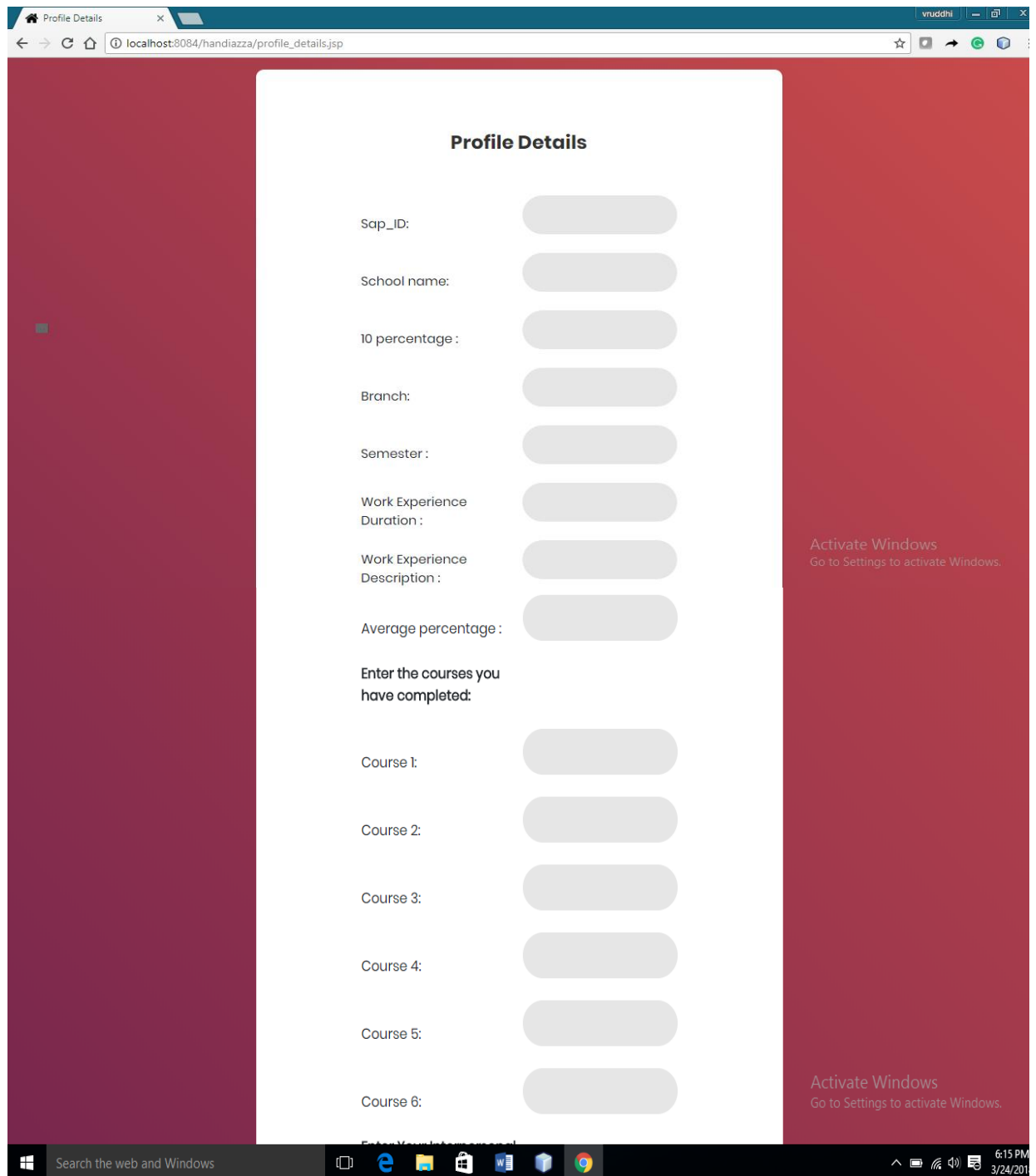
ps.executeUpdate();

```

```
Date date = formatter.parse(formdata[9]);  
  
java.sql.Date sqlDate = new java.sql.Date(date.getTime());  
  
ps = c.prepareStatement("insert into personal_details values(?,?,?,?,?,?,?,?)");  
  
ps.setLong(1, Long.parseLong(formdata[2]));  
  
ps.setString(2, formdata[0]);  
  
ps.setString(3, formdata[1]);  
  
ps.setString(4, formdata[6]);  
  
ps.setLong(5, Long.parseLong(formdata[7]));  
  
ps.setString(6, formdata[8]);  
  
ps.setDate(7, sqlDate);  
  
ps.setString(8, fileName);  
  
ps.setString(9, formdata[3]);  
  
ps.executeUpdate();  
  
response.sendRedirect("profile_details.jsp");
```

%>

9.6 Build Profile



Profile Details

Sap_ID:

School name:

10 percentage :

Branch:

Semester :

Work Experience
Duration :

Work Experience
Description :

Average percentage :

Enter the courses you
have completed:

Course 1:

Course 2:

Course 3:

Course 4:

Course 5:

Course 6:

Activate Windows
Go to Settings to activate Windows.

Activate Windows
Go to Settings to activate Windows.

Search the web and Windows

6:15 PM
3/24/2017

Profile Details

localhost:8084/handiazza/profile_details.jsp

Enter Your Interpersonal Skills:

Interpersonal Skills 1:

Interpersonal Skills 2:

Interpersonal Skills 3:

Interpersonal Skills 4:

Enter your Expertness/Skills:

Skills 1:

Skills 2:

Skills 3:

Skills 5:

List Out Your Interests:

Interest 1:

Interest 2:

Interest 3:

Interest 4:

Interest 5:

REGISTER

RESET

Activate Windows
Go to Settings to activate Windows.

Activate Windows
Go to Settings to activate Windows.

Search the web and Windows

6:20 PM 3/24/201

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

    <title>Profile Details</title>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>

    <link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">

    <link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-
awesome.min.css">

    <link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">

    <link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">

    <link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">

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

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

</head>

<body>

    <div class="limiter">

        <div class="container-login100">

            <div class="wrap-login100">

                <form class="login100-form validate-form" method="POST"
action="profile_insert.jsp">
```


Profile Details

<table>

<tr>

<td>Sap_ID: </td>

<td><input class="input100" type="number" name="sap"
required> </td>

</tr>

<tr>

<td>School name: </td>

<td><input class="input100" type="text" name="sch" required>
 </td>

</tr>

<tr>

<td> 10 percentage : </td>

<td><input class="input100" type="number" name="ten"
reqiured> </td>

</tr>

<tr>

<td> Branch: </td>

<td><input class="input100" type="text" name="branch"
required> </td>


```

completed:</b></td>
</tr>
<tr><td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td></tr>
<tr>
  <td>Course 1: &nbsp;  </td>
  <td><input class="input100" type="text" name="c1">
    <span class="focus-input100"></span>&nbsp;  </td>
</tr>
<tr>
  <td>Course 2: &nbsp;  </td>
  <td><input class="input100" type="text" name="c2">
    <span class="focus-input100"></span>&nbsp;  </td>
</tr>
<tr>
  <td>Course 3: &nbsp;  </td>
  <td><input class="input100" type="text" name="c3">
    <span class="focus-input100"></span>&nbsp;  </td>
</tr>
<tr>
  <td>Course 4: &nbsp;  </td>
  <td><input class="input100" type="text" name="c4">
    <span class="focus-input100"></span>&nbsp;  </td>
</tr>

```

```

<tr>

    <td>Course 5: &nbsp; </td>

    <td><input class="input100" type="text" name="c5">

    <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

    <td>Course 6: &nbsp; </td>

    <td><input class="input100" type="text" name="c6">

    <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

    <td class="td1" ><b>Enter Your Interpersonal Skills:</b></td>

</tr>

<tr><td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td></tr>

<tr>

    <td>Interpersonal Skills 1: &nbsp; </td>

    <td><input class="input100" type="text" name="is1">

    <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

    <td>Interpersonal Skills 2: &nbsp; </td>

    <td><input class="input100" type="text" name="is2">

    <span class="focus-input100"></span>&nbsp;</td>

```

<tr>
 Interpersonal Skills 3: | || | <tr> |
 Interpersonal Skills 4: | |

 </td>

| <tr> |
 Enter your Expertness/Skills: || |
| | |
 Skills 1: | |

 </td>

| <tr> |
 Skills 2: |

```

        <span class="focus-input100"></span>&nbsp;</td>
    </tr>
    <tr>
        <td>Skills 3: &nbsp;</td>
        <td><input class="input100" type="text" name="s3">
            <span class="focus-input100"></span>&nbsp;</td>
    </tr>
    <tr>
        <td>Skills 4: &nbsp;</td>
        <td><input class="input100" type="text" name="s4">
            <span class="focus-input100"></span>&nbsp;</td>
    </tr>
    <tr>
        <td>Skills 5: &nbsp;</td>
        <td><input class="input100" type="text" name="s5">
            <span class="focus-input100"></span>&nbsp;</td>
    </tr>
    <tr>
        <td class="td1" ><b>List Out Your Interests:</b></td>
    </tr>
    <tr><td>&nbsp;&nbsp;&nbsp;&nbsp;</td></tr>
    <tr>
        <td>Interest 1: &nbsp;</td>

```



```

        <td><input class="input100" type="text" name="i1">
        <span class="focus-input100"></span>&nbsp;</td>
    </tr>
    <tr>
        <td>Interest 2: &nbsp;</td>
        <td><input class="input100" type="text" name="i2">
        <span class="focus-input100"></span>&nbsp;</td>
    </tr>
    <tr>
        <td>Interest 3: &nbsp;</td>
        <td><input class="input100" type="text" name="i3">
        <span class="focus-input100"></span>&nbsp;</td>
    </tr>
    <tr>
        <td>Interest 4: &nbsp;</td>
        <td><input class="input100" type="text" name="i4">
        <span class="focus-input100"></span>&nbsp;</td>
    </tr>
    <tr>
        <td>Interest 5: &nbsp;</td>
        <td><input class="input100" type="text" name="i5">
        <span class="focus-input100"></span>&nbsp;</td>
    </tr>

```

```

        <tr>

            <td class="container-login100-form-btn"><input type="submit"
            value="Register" name="sub" class="login100-form-btn"
            onmouseover="valid();">&nbsp;</td>

            <td class="container-login100-form-btn"><input type="reset"
            value="Reset" name="res" class="login100-form-btn"></td>

        </tr>

    </table>

</form>

</div>

</div>

</div>

<script src="vendor/jquery/jquery-3.2.1.min.js"></script>

<script src="vendor/bootstrap/js/popper.js"></script>

<script src="vendor/bootstrap/js/bootstrap.min.js"></script>

<script src="vendor/select2/select2.min.js"></script>

<script src="vendor/tilt/tilt.jquery.min.js"></script>

<script src="js/main.js"></script>

<script >

    $('js-tilt').tilt({

        scale: 1.1

    })

</script>

</body>

</html>

```

9.7Profile_insert.jsp

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>

<% @page import="java.sql.*"%>

<% @page import="java.sql.DriverManager"%>

<% @page import="java.io.*"%>

<!DOCTYPE html>

<html>

<head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

    <title>Insert Educational Details</title>

</head>

<body>

<%

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

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

    long sapid=Long.parseLong(sap);

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

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

    int tenp=Integer.parseInt(ten);

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

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

    int seme=Integer.parseInt(sem);
```

```

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

int du=Integer.parseInt(dur);

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

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

int ape=Integer.parseInt(ap);

Connection a=

DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza","root","root");

PreparedStatement ps1 = a.prepareStatement("insert into education
values(?,?,?,?,?,?,?,?)");

ps1.setLong(1,sapid);

ps1.setString(2,sch);

ps1.setInt(3,tenp);

ps1.setInt(4,ape);

ps1.setString(5,branch);

ps1.setInt(6,seme);

ps1.setInt(7,du);

ps1.setString(8,des);

ps1.executeUpdate();

String c1=request.getParameter("c1");

String c2=request.getParameter("c2");

String c3=request.getParameter("c3");

String c4=request.getParameter("c4");

String c5=request.getParameter("c5");

```

```
String c6=request.getParameter("c6");

PreparedStatement ps2 = a.prepareStatement("insert into
achievement(sap_id,description) values (?,?)");

if(c1.isEmpty()==false)
{
    ps2.setLong(1,sapid);
    ps2.setString(2,c1);
    ps2.executeUpdate();
}

if(c2.isEmpty()==false)
{
    ps2.setLong(1,sapid);
    ps2.setString(2,c2);
    ps2.executeUpdate();
}

if(c3.isEmpty()==false)
{
    ps2.setLong(1,sapid);
    ps2.setString(2,c3);
    ps2.executeUpdate();
}

if(c4.isEmpty()==false)
{
```

```

        ps2.setLong(1,sapid);

        ps2.setString(2,c4);

        ps2.executeUpdate();
    }
    if(c5.isEmpty()==false)
    {
        ps2.setLong(1,sapid);

        ps2.setString(2,c5);

        ps2.executeUpdate();
    }
    if(c6.isEmpty()==false)
    {
        ps2.setLong(1,sapid);

        ps2.setString(2,c6);

        ps2.executeUpdate();
    }

    String s1=request.getParameter("s1");
    String s2=request.getParameter("s2");
    String s3=request.getParameter("s3");
    String s4=request.getParameter("s4");
    String s5=request.getParameter("s5");

    PreparedStatement ps3 = a.prepareStatement("insert into skills(sap_id,description)
    values(?,?)");

```

```
if(s1.isEmpty()==false)
{
    ps3.setLong(1,sapid);
    ps3.setString(2,s1);
    ps3.executeUpdate();
}
if(s2.isEmpty()==false)
{
    ps3.setLong(1,sapid);
    ps3.setString(2,s2);
    ps3.executeUpdate();
}
if(s3.isEmpty()==false)
{
    ps3.setLong(1,sapid);
    ps3.setString(2,s3);
    ps3.executeUpdate();
}
if(s4.isEmpty()==false)
{
    ps3.setLong(1,sapid);
    ps3.setString(2,s4);
    ps3.executeUpdate();
}
```

```

    }

    if(s5.isEmpty()==false)
    {
        ps3.setLong(1,sapid);
        ps3.setString(2,s5);
        ps3.executeUpdate();
    }

    String is1=request.getParameter("is1");
    String is2=request.getParameter("is2");
    String is3=request.getParameter("is3");
    String is4=request.getParameter("is4");

    PreparedStatement ps4 = a.prepareStatement("insert into skills(sap_id,description)
values(?,?)");

    if(is1.isEmpty()==false)
    {
        ps4.setLong(1,sapid);
        ps4.setString(2,is1);
        ps4.executeUpdate();
    }

    if(is2.isEmpty()==false)
    {
        ps4.setLong(1,sapid);
        ps4.setString(2,is2);
    }

```



```

        ps4.executeUpdate();
    }
    if(is3.isEmpty()==false)
    {
        ps4.setLong(1,sapid);
        ps4.setString(2,is3);
        ps4.executeUpdate();
    }
    if(is4.isEmpty()==false)
    {
        ps4.setLong(1,sapid);
        ps4.setString(2,is4);
        ps4.executeUpdate();
    }
    String i1=request.getParameter("i1");
    String i2=request.getParameter("i2");
    String i3=request.getParameter("i3");
    String i4=request.getParameter("i4");
    String i5=request.getParameter("i5");

```

```

PreparedStatement ps5 = a.prepareStatement("insert into
interests(sap_id,description)values(?,?)");

if(i1.isEmpty()==false)

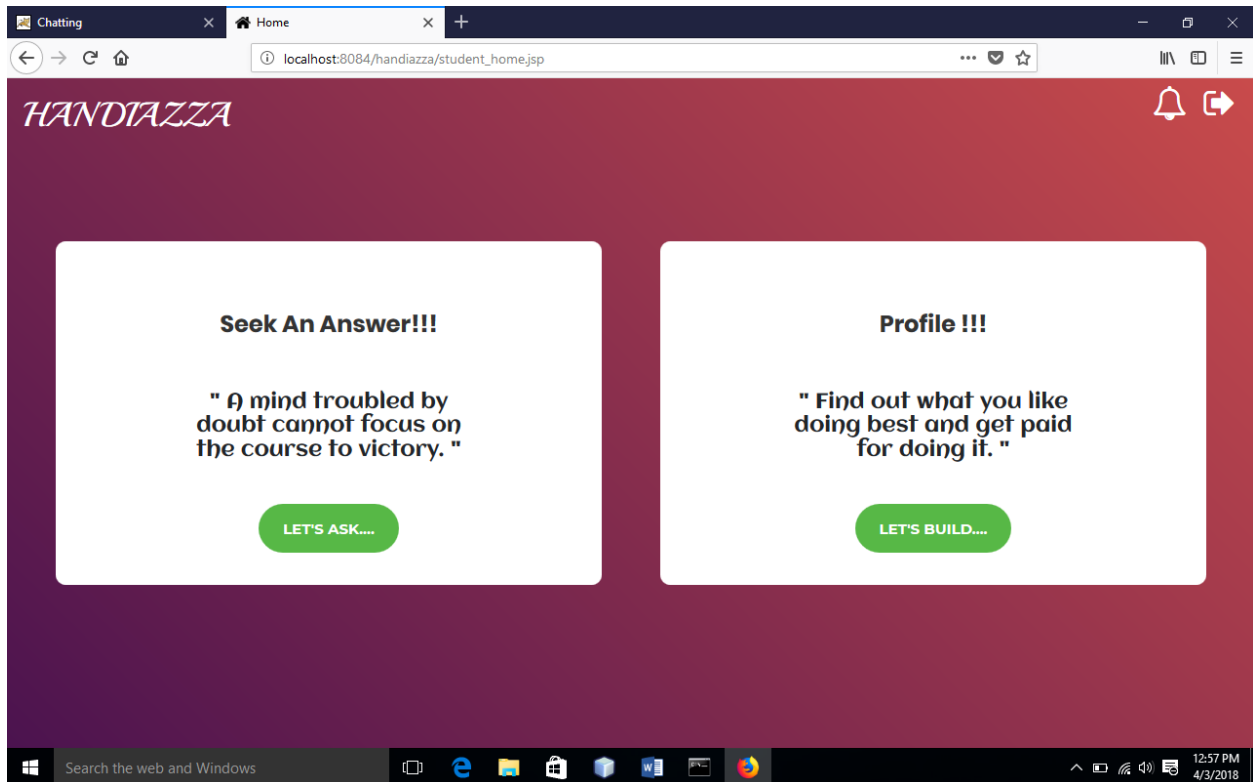
```

```
{  
    ps5.setLong(1,sapid);  
    ps5.setString(2,i1);  
    ps5.executeUpdate();  
}  
if(i2.isEmpty()==false)  
{  
    ps5.setLong(1,sapid);  
    ps5.setString(2,i2);  
    ps5.executeUpdate();  
}  
if(i3.isEmpty()==false)  
{  
    ps5.setLong(1,sapid);  
    ps5.setString(2,i3);  
    ps5.executeUpdate();  
}  
if(i4.isEmpty()==false)  
{  
    ps5.setLong(1,sapid);  
    ps5.setString(2,i4);  
    ps5.executeUpdate();  
}
```

```
        if(i5.isEmpty()==false)
        {
            ps5.setLong(1,sapid);
            ps5.setString(2,i5);
            ps5.executeUpdate();
        }
        response.sendRedirect("login.jsp");
    %>
</body>
</html>
```

9.8 Student home

The student is then redirected to the login page. After entering the valid credentials he is redirected to the student homepage.



```
<% @page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <title>Home</title>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
    <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>
```

```

<link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-
awesome.min.css">
<link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">
<link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">
<link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">
<link rel="stylesheet" type="text/css" href="css/home.css">
<link href='https://fonts.googleapis.com/css?family=Aclonica' rel='stylesheet'>
<link href="https://fonts.googleapis.com/css?family=Berkshire+Swash"
rel="stylesheet">
</head>
<body>
<div class="limiter">
<div class="container-login100">
<a href="login.jsp"><i class="fa fa-bell-o" style="font-size:35px;color:white; position:
absolute; top: 8px; right: 70px;"></i></a>
<a href="destroy_session.jsp"><i class="fa fa-sign-out" style="font-
size:35px;color:white;
position: absolute; top: 8px; right: 20px;"></i></a>
<p class="handiazza"> HANDIAZZA</p>
<div class="wrap-login100">
<div class="login100-form validate-form">
<span class="login100-form-title">

```

[illegible]

```
</div>

</div>

</div>

</div>

</div>

</body>

</html>
```

9.9 Notification

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>
<% @page import="java.sql.*"%>
<% @page import="java.sql.DriverManager"%>

<!DOCTYPE html>

<html>

<head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-
fit=no">

    <meta name="description" content="">

    <meta name="author" content="">

    <title>Notify</title>

    <link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">

    <link
href="https://fonts.googleapis.com/css?family=Saira+Extra+Condensed:100,200,300,400
,500,600,700,800,900" rel="stylesheet">
```

```

<link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,7
00,700i,800,800i" rel="stylesheet">

<link href="vendor/font-awesome/css/font-awesome.min.css" rel="stylesheet">
<link href="vendor/devicons/css/devicons.min.css" rel="stylesheet">
<link href="vendor/simple-line-icons/css/simple-line-icons.css" rel="stylesheet">
<link href="css/resume.min.css" rel="stylesheet">

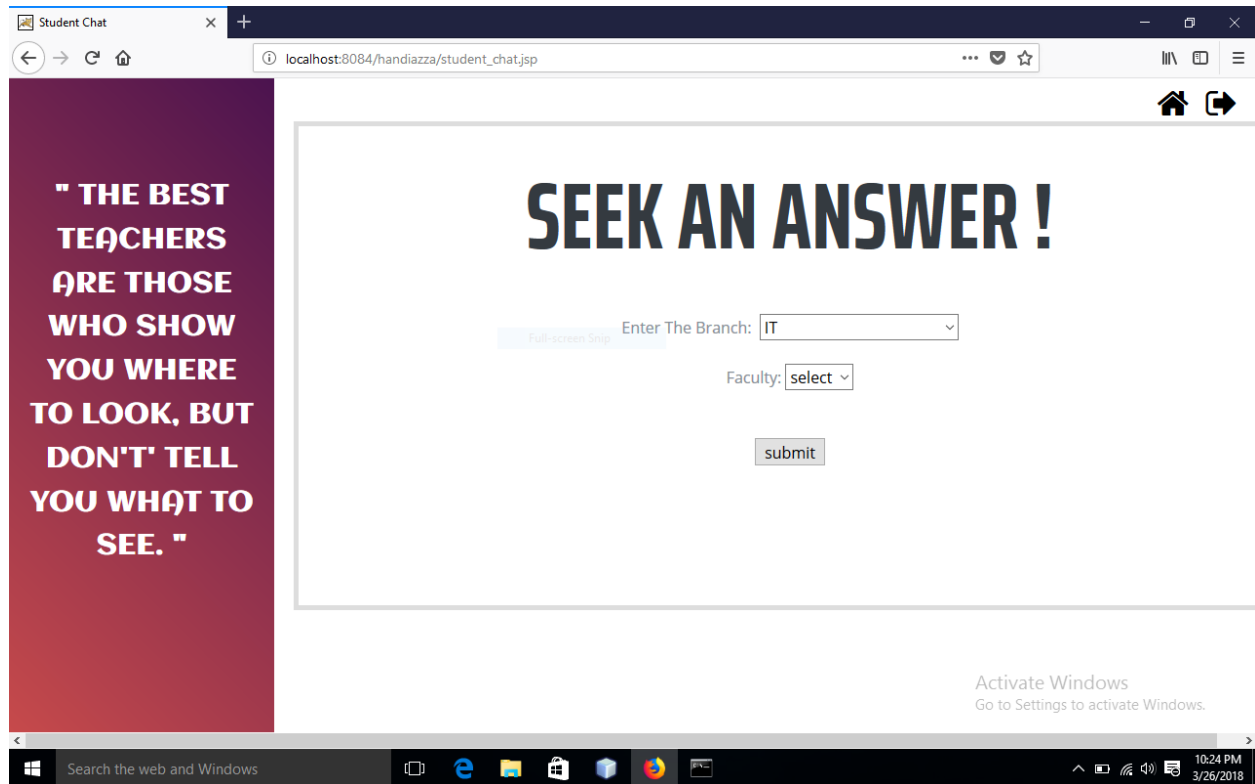
</head>
<body id="page-top">
    <nav class="navbar navbar-expand-lg navbar-dark bg-primary fixed-top" id="sideNav">
        <a class="navbar-brand js-scroll-trigger" href="#page-top"></a>
    </nav>
    <%
long sap=Long.parseLong(session.getAttribute("user").toString());
Class.forName("com.mysql.jdbc.Driver");
Connection a = DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza",
"root", "root");
PreparedStatement ps1 = a.prepareStatement("select * from notify_los where
sap_id=?");
ps1.setLong(1,sap);
ResultSet rs=ps1.executeQuery();
int i=0;
while(rs.next())
{
    i++;
}
rs=ps1.executeQuery();

```



```
if(i>0)
{
    while(rs.next())
    {
        %>
        <div>You have been selected for the job. The job ID is<%=rs.getInt("jobid")%>
        Congratulations!!</div><br>
        <% } }
    else
    { %>
        <div>Sorry no new notifications</div>
        <% } %>
        <script src="vendor/jquery/jquery.min.js"></script>
        <script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
        <script src="vendor/jquery-easing/jquery.easing.min.js"></script>
        <script src="js/resume.min.js"></script>
    </body>
    </html>
```

9.10 Student chat



```
<% @page contentType="text/html" pageEncoding="UTF-8"% >
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<script>
```

```
function show(str)
```

```
{
```

```
    var xmlhttp;
```

```
    if (window.XMLHttpRequest)
```

```
    {
```

```

        xmlhttp = new XMLHttpRequest();
    }
    else
    {
        xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");
    }
    xmlhttp.onreadystatechange = function ()
    {
        if (xmlhttp.readyState == 4 && xmlhttp.status == 200)
        {
            document.getElementById("list").innerHTML = xmlhttp.responseText;
            document.getElementById("list").value = xmlhttp.responseText;
        }
    }
    xmlhttp.open("GET", "getfac.jsp?q=" + str, true);
    xmlhttp.send();
}
</script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<meta name="description" content="">
<meta name="author" content="">
<title>Student Chat</title>
<link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
<link
href="https://fonts.googleapis.com/css?family=Saira+Extra+Condensed:100,200,300,400,500,600,70

```

```
0,800,900" rel="stylesheet">
```

```
<link  
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i  
,800,  
800i" rel="stylesheet">
```

```
<link href="vendor/font-awesome/css/font-awesome.min.css" rel="stylesheet">
```

```
<link href="vendor/devicons/css/devicons.min.css" rel="stylesheet">
```

```
<link href="vendor/simple-line-icons/css/simple-line-icons.css" rel="stylesheet">
```

```
<link href="css/chat.css" rel="stylesheet">
```

```
<link href="https://fonts.googleapis.com/css?family=Aclonica" rel="stylesheet">
```

```
</head>
```

```
<body id="page-top">
```

```
<a href="student_home.jsp"><i class="fa fa-home" style="font-size:35px;color:black; position:  
absolute; top: 8px; right: 70px;"></i></a>
```

```
<a href="destroy_session.jsp"><i class="fa fa-sign-out" style="font-size:35px;color:black;  
position: absolute; top: 8px; right: 20px;"></i></a>
```

```
<nav class="navbar navbar-expand-lg navbar-dark bg-primary fixed-top" id="sideNav">
```

```
<h2>" The best teachers are those who show you where to look, but don't tell you what to see.  
</h2>
```

```
</nav>
```

```
<div class="chatContainer">
```

```
<br><br>
```

```
<h1>Seek An Answer !</h1><br><br>
```

```
<form action="chatting.jsp" method="get">
```

```
Enter The Branch: &nbsp;<select name="dept" onchange="show(this.value)">
```

```
<option value="IT">IT</option>
```

```
<option value="Computer Engineering">Computer Engineering</option>
```

```

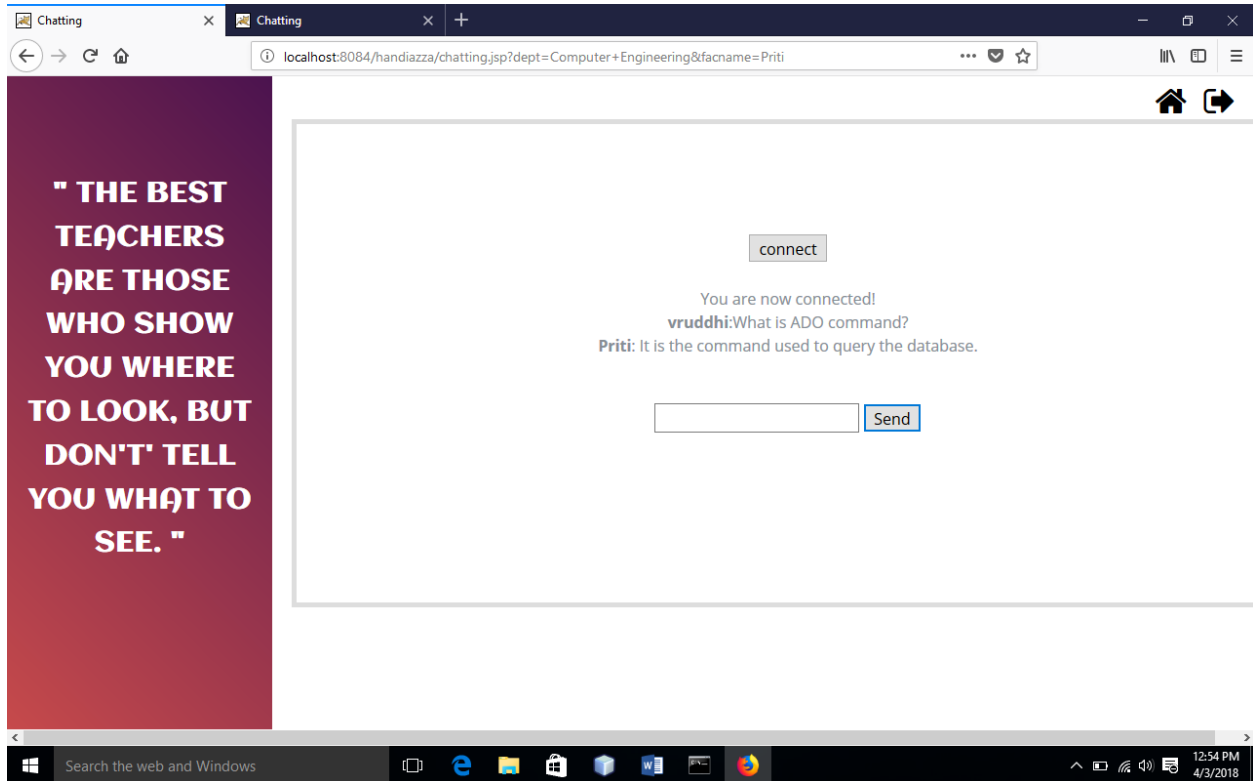
<option value="Mechanical Engineering">Mechanical Engineering</option>
<option value="Electrical Engineering">Electrical Engineering</option>
<option value="Civil Engineering">Civil Engineering</option>
<option value="Electronics">Electronics Engineering</option>
<option value="Plastics Engineering">Plastics Engineering</option>
<option value="Chemical Engineering">Chemical Engineering</option>
</select><br><br>
<%
session.setAttribute("type", "student");
%>
<span class="d-none d-lg-block">
Faculty:&nbsp;<select id="list" name="facname">
<option>select</option>
</select>
</span><br><br>
<input type="submit" value="submit">
</form>
</div></div>
<script src="vendor/jquery/jquery.min.js"></script>
<script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/resume.min.js"></script>
</body>
</html>

```

9.11 Getfaculty ID

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>
<% @page import="java.sql.DriverManager"%>
<% @page import="java.sql.*"%>
<!DOCTYPE html>
<html>
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>JSP Page</title>
</head>
<body>
    <select><%
String dep=request.getParameter("q");
Class.forName("com.mysql.jdbc.Driver");
Connection c=
DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza","root","root");
PreparedStatement ps = c.prepareStatement("Select * from faculty where dept=?");
ps.setString(1,dep);
ResultSet rs=ps.executeQuery();
while(rs.next())
{ %>
    <option value="<%= rs.getString("fname")%>"><%= rs.getString("fname")%></option>
</select>
<% } %>
</body>
</html>
```

9.12 Chatting



```
<% @page contentType="text/html" pageEncoding="UTF-8"%>
<% @page import="java.sql.DriverManager"%>
<% @page import="java.sql.*"%>
<!DOCTYPE html>
<html lang="en">
<head>
    <script src =
    "https://cdnjs.cloudflare.com/ajax/libs/socket.io/2.0.4/socket.io.js"></script>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-
    fit=no">
    <meta name="description" content="">
```

```

<meta name="author" content="">

<title>Chatting</title>

<link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">

<link href=
"https://fonts.googleapis.com/css?family=Saira+Extra+Condensed:100,200,300,400,
500,600,700,800,900" rel="stylesheet">

<link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,7
00,700i,800,800i" rel="stylesheet">

<link href="vendor/font-awesome/css/font-awesome.min.css" rel="stylesheet">

<link href="vendor/devicons/css/devicons.min.css" rel="stylesheet">

<link href="vendor/simple-line-icons/css/simple-line-icons.css" rel="stylesheet">

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

<link href="https://fonts.googleapis.com/css?family=Aclonica" rel="stylesheet">

</head>

<body id="page-top">

  <a href="student_home.jsp"><i class="fa fa-home" style="font-size:35px;color:black;
position: absolute; top: 8px; right: 70px;"></i></a>

  <a href="destroy_session.jsp"><i class="fa fa-sign-out" style="font-
size:35px;color:black; position: absolute; top: 8px; right: 20px;"></i></a>

  <nav class="navbar navbar-expand-lg navbar-dark bg-primary fixed-top" id="sideNav">

    <h2>" The best teachers are those who show you where to look, but don't tell you what
    to see. "</h2>

  </nav>

  <div class="chatContainer">

    <br><br>

    <%

```



```

String resultfn = "";
Long resultsap = 0L;
String username = "";
long sap = Long.parseLong(session.getAttribute("user").toString());
String branch = "";
String fname = "";
String type = session.getAttribute("type").toString();
Class.forName("com.mysql.jdbc.Driver");
Connection c = DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza",
"root", "root");
PreparedStatement ps;
ResultSet rs;
%>
<form>
    <% if (type.equals("student")) {
        branch = request.getParameter("dept");
        fname = request.getParameter("facname");
        ps = c.prepareStatement("Select * from faculty where dept=? AND fname=?");
        ps.setString(1, branch);
        ps.setString(2, fname);
        rs = ps.executeQuery();
        if (rs.next())
        {
            resultfn = rs.getString("fname");
            resultsap = rs.getLong("sap_id");
        }
    }

```

```

ps = c.prepareStatement("Select * from personal_details where sap_id=?");
ps.setLong(1, sap);
rs = ps.executeQuery();
if (rs.next())
{
    username = rs.getString("fname");
}
}else
{
    String n = request.getParameter("student");
    Long s = 0L;
    s = Long.parseLong(n);
    ps = c.prepareStatement("Select * from personal_details where
sap_id=?");
    ps.setLong(1, Long.parseLong(n));
    rs = ps.executeQuery();
    if (rs.next())
    {
        resultfn = rs.getString("fname");
        resultsap = rs.getLong("sap_id");
    }
    ps = c.prepareStatement("Select * from faculty where sap_id=?");
    ps.setLong(1, sap);
    rs = ps.executeQuery();
    if (rs.next())
    {

```

```

        username = rs.getString("fname");
    }
}
%>
</form><br><br>
<input type="button" onclick="connect()" value="connect"><br><br>
<div id="msg"></div><br><br>
<form>
    <input type="text" id="message"/>
    <input type="button" name="button" value="Send" onclick = "sendMessage()"/>
</form>
<% String fn = "";
if (type.equals("student"))
{
    ps = c.prepareStatement("Select fname from personal_details where sap_id=?");
    ps.setLong(1, sap);
    rs = ps.executeQuery();
    if (rs.next())
    {
        fn = rs.getString("fname");
    }
}
else
{
    ps = c.prepareStatement("Select fname from faculty where sap_id=?");
    ps.setLong(1, sap);

```

```

        rs = ps.executeQuery();
        if (rs.next())
        {
            fn = rs.getString("fname");
        }
    }
%>
</div>
</div>
<script>
var socket = io("http:// 192.168.0.102:3000/");
var from = '<%=sap%>';
var user = '<%= username%>';
var to = '<%= resultsap%>';
function connect()
{
    socket.emit('setUsername', from);
};
socket.on('userSet', function ()
{
    document.getElementById("msg").innerHTML = 'You are now connected! ';
});
function sendMessage()
{
    var msg = document.getElementById("message").value;
    document.getElementById("message").value = "";

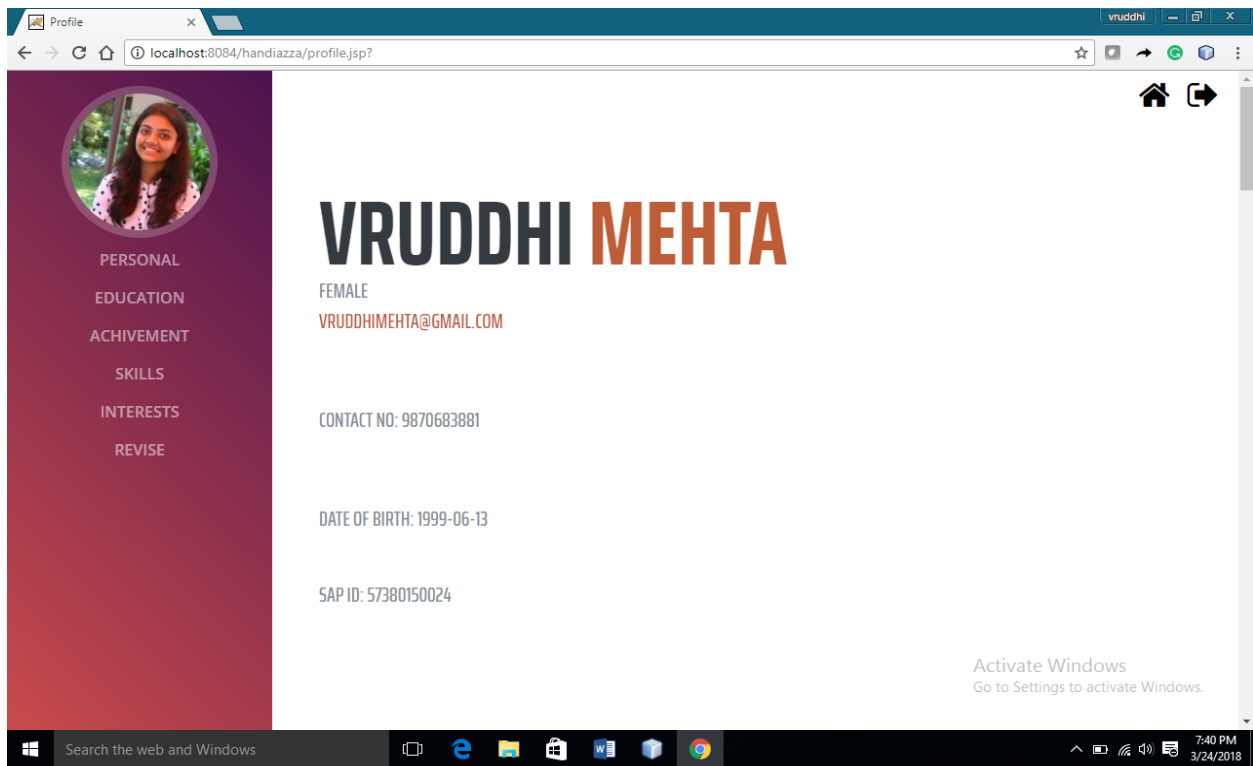
```

```

        if (msg)
        {
            document.getElementById("msg").innerHTML += '<div><b>' + user +
            '</b>:' + msg + '</div>';
            socket.emit('msg', {message: msg, to: to, from: from, user: user});
        }
    }
    socket.on(from, function (data)
    {
        if (data.to == from)
        {
            console.log(data);
            document.getElementById("msg").innerHTML += '<div><b>' + data.user
            +
            '</b>: ' + data.message + '</div>';
        }
    });
</script>
<script src="vendor/jquery/jquery.min.js"></script>
<script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/resume.min.js"></script>
</body>
</html>

```

9.13 Profile



```
<% @page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<% @page import="java.sql.DriverManager"%>
```

```
<% @page import="java.sql.*"%>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <meta charset="utf-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-  
fit=no">
```

```
    <meta name="description" content="">
```

```

<meta name="author" content="">

<title>Profile</title>

<link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">

<link href=
"https://fonts.googleapis.com/css?family=Saira+Extra+Condensed:100,200,300,400,500,
600,700,800,900" rel="stylesheet">

<link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,7
00,700i,800,800i" rel="stylesheet">

<link href="vendor/font-awesome/css/font-awesome.min.css" rel="stylesheet">

<link href="vendor/devicons/css/devicons.min.css" rel="stylesheet">

<link href="vendor/simple-line-icons/css/simple-line-icons.css" rel="stylesheet">

<link href="css/resume.min.css" rel="stylesheet">

</head>

<body id="page-top">

    <a href="student_home.jsp"><i class="fa fa-home" style="font-size:35px;color:black;
position: absolute; top: 8px; right: 70px;"></i></a>

    <a href="destroy_session.jsp"><i class="fa fa-sign-out" style="font-
size:35px;color:black; position: absolute; top: 8px; right: 20px;"></i></a>

    <%

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

    Connection c = DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza",
    "root", "root");

    String s = session.getAttribute("user").toString();

    PreparedStatement ps = c.prepareStatement("Select * from personal_details where
    A`sap_id=?");

```

```

ps.setString(1, s);

ResultSet rs;

rs = ps.executeQuery();

if (rs.next())
{
%>

<nav class="navbar navbar-expand-lg navbar-dark bg-primary fixed-top" id="sideNav">

<a class="navbar-brand js-scroll-trigger" href="#page-top">

<span class="d-none d-lg-block">

    " alt="">

</span>

<% } %>

</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span></button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

    <ul class="navbar-nav">

        <li class="nav-item">

            <a class="nav-link js-scroll-trigger">Personal</a>

        </li>

        <li class="nav-item">

            <a class="nav-link js-scroll-trigger">Education</a>

```



```

        </li>

        <li class="nav-item">
            <a class="nav-link js-scroll-trigger">Achivement</a>
        </li>

        <li class="nav-item">
            <a class="nav-link js-scroll-trigger">Skills</a>
        </li>

        <li class="nav-item">
            <a class="nav-link js-scroll-trigger">Interests</a>
        </li>

        <li class="nav-item">
            <a class="nav-link js-scroll-trigger"
href="eprofile.jsp">Revise</a>
        </li>
    </ul>

</div>

</nav>

<div class="container-fluid p-0">

<section class="resume-section p-3 p-lg-5 d-flex d-column" id="about">

<div class="my-auto">

<h1 class="mb-0">

<%

s = session.getAttribute("user").toString();

ps = c.prepareStatement("Select * from personal_details where sap_id=?");

```

```

ps.setLong(1, Long.parseLong(s));

rs = ps.executeQuery();

if (rs.next())

{

%>

<%=rs.getString("fname")%>

<span class="text-primary"><%=rs.getString("lname")%></span>

</h1>

<div class="subheading mb-5"><%=rs.getString("gender")%><br />

<a href="mailto:name@email.com"><%=rs.getString("email")%></a>

</div><br>

<div class="subheading mb-5"> Contact no:&nbsp;<%=rs.getString("phone")%></div>

<div class="subheading mb-5"> Date of birth:&nbsp;<%=rs.getString("dob")%></div>

<div class="subheading mb-5"> Sap id:&nbsp;<%=rs.getString("sap_id")%></div>

</div>

<% }%>

</section>

<section class="resume-section p-3 p-lg-5 d-flex flex-column" id="experience">

<div class="my-auto">

<h2 class="mb-5">Education</h2>

<%

long se = Long.parseLong(session.getAttribute("user").toString());

ps = c.prepareStatement("Select * from education where sap_id=?");

```

```

ps.setLong(1, se);

rs = ps.executeQuery();

if (rs.next())

{ %>

<div class="subheading mb-5"> School Name:&nbsp;
<%=rs.getString("school")%></div>

<div class="subheading mb-5"> Tenth

Score:&nbsp;<%=rs.getString("tenth_score")%></div>

<div class="subheading mb-5"> Diploma average score:&nbsp;
<%=rs.getString("avg_score")%></div>

<div class="subheading mb-5"> Branch:&nbsp;<%=rs.getString("Branch")%></div>

<div class="subheading mb-5"> Semester:&nbsp;<%=rs.getString("semester")%></div>

<div class="subheading mb-5"> Work
Duration:&nbsp;<%=rs.getString("work_duration")%>&nbsp;Months</div>

<div class="subheading mb-5"> Work
description:&nbsp;<%=rs.getString("work_description")%></div>

</div>

<% }%>

</section>

<section class="resume-section p-3 p-lg-5 d-flex flex-column" id="education">

<div class="my-auto">

<h2 class="mb-5">Achievements</h2>

<table>

<%

se = Long.parseLong(session.getAttribute("user").toString());

```

```

ps = c.prepareStatement("Select * from achievement where sap_id=?");

ps.setLong(1, se);

rs = ps.executeQuery();

while (rs.next())

{ %>

    <tr>

        <td><div class="subheading
        mb5"><%=rs.getString("description")%></div></td>

    </tr>

<% }%>

</table>

</div>

</section>

<section class="resume-section p-3 p-lg-5 d-flex flex-column" id="skills">

<div class="my-auto">

<h2 class="mb-5">Skills</h2>

<table>

<%

se = Long.parseLong(session.getAttribute("user").toString());

ps = c.prepareStatement("Select * from skills where sap_id=?");

ps.setLong(1, se);

rs = ps.executeQuery();

while (rs.next())

{ %>

```

```

        <tr>

            <td><div class="subheading mb-
            5"><%=rs.getString("description")%></div></td>

        </tr>

    <% }%>

</table>

</div>

</section>

<section class="resume-section p-3 p-lg-5 d-flex flex-column" id="interests">

<div class="my-auto">

<h2 class="mb-5">Interests</h2>

<table>

<%

se = Long.parseLong(session.getAttribute("user").toString());

ps = c.prepareStatement("Select * from interests where sap_id=?");
ps.setLong(1, se);
rs = ps.executeQuery();
while (rs.next())
{
%>

        <tr>

            <td><div class="subheading mb-
            5"><%=rs.getString("description")%></div></td>

```

```
        </tr>

    <% }%>

</table>

</div>

</section>

<section class="resume-section p-3 p-lg-5 d-flex flex-column" id="awards">

    <div class="my-auto">

        <h2 class="mb-5">Revise</h2>

    </div>

</section>

</div>

<script src="vendor/jquery/jquery.min.js"></script>

<script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

<script src="vendor/jquery-easing/jquery.easing.min.js"></script>

<script src="js/resume.min.js"></script>

</body>

</html>
```

9.14 Profile revise

Edit Profile Details

Sqp_ID: 5738015002

School name: SJU

10 percentage : 98

Branch: Computer Eng

Semester : 6

Work Experience Duration : 1

Work Experience Description : LnT

Activate Windows
Go to Settings to activate Windows.

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<% @page import="java.sql.*"%>
```

```
<% @page import="java.sql.DriverManager"%>
```

```
<% @page import="java.io.*"%>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

```
<title>Edit Profile Page</title>
```

```

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="icon" type="image/png" href="images/icons/favicon.ico"/>

<link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">

<link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-
awesome.min.css">

<link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">

<link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">

<link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">

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

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

</head>

<body>

    <div class="limiter">

        <div class="container-login100">

            <div class="wrap-login100">

                <form class="login100-form validate-form" method="POST"
                action="update_profile.jsp">

                    <span class="login100-form-title">Edit Profile Details</span>

                    <%

String arr[]=new String[6];

String arra[]=new String[10];

String array[]=new String[9];

```



```

int i=0;

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

Connection a=

DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza","root","root");

PreparedStatement ps1 = a.prepareStatement("select * from education where

sap_id=?");

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

String ss=session.getAttribute("user").toString();

long sapid=Long.parseLong(ss);

ps1.setLong(1,sapid);

ResultSet rs;

rs = ps1.executeQuery();

if(rs.next())

{

%>

<table>

    <tr>

        <td>Sap_ID: &nbsp; </td>

        <td><input class="input100" type="number" name="sap"

value="<%=rs.getString("sap_id")%>" required>

<span class="focus-input100"></span>&nbsp;</td>

    </tr>

    <tr>

```



```

<tr>

    <td> Work Experience Duration : &nbsp; </td>

    <td><input class="input100" type="number" name="dur"
    value="<%=rs.getString("work_duration")%>" required>
    <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

    <td> Work Experience Description : &nbsp; </td>

    <td><input class="input100" type="text" name="des"
    value="<%=rs.getString("work_description")%>"required>
    <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr >

    <td class="td1">Average percentage :</br><br></td>

    <td><input class="input100" type="number" name="ap"
    value="<%=rs.getString("avg_score")%>"required >
    <span class="focus-input100"></span>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>

</tr>

<% } %>

<tr>

    <td class="td1" ><b>Enter the courses you have completed:</b></td>

</tr>

<%

```

```

ps1 = a.prepareStatement("select * from achievement where sap_id=?");
ps1.setLong(1,sapid);
rs=ps1.executeQuery();
i=0;
while(rs.next())
{
    arr[i]=rs.getString("description");
    i++;
}
%>
<tr><td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td></tr>
<tr>
    <td>Course 1: &nbsp;</td>
    <td><input class="input100" type="text" name="c1" value="<% if(i>0)
    {
        out.println(arr[0]);
    }
    else
    {
        out.println("Enter a value");
    }
    %>">
    <span class="focus-input100"></span>&nbsp;</td>

```

	<tr>
 Course 2: | |
$$\{$$

```
out.println(arr[1]);
```

}

else

$$\{$$

```
out.println("Enter a value");
```

$$\}$$

%>">

| <tr> |
 Course 3: | | $\{$

```
out.println(arr[2]);
```

$$\}$$

else

$$\{$$

```
out.println("Enter a value");
```

```

    }

    %>">

    <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

    <td>Course 4: &nbsp;</td>

    <td><input class="input100" type="text" name="c4" value="<% if(i>3)

    {

        out.println(arr[3]);

    }

    else

    {

        out.println("Enter a value");

    }

    %>">

    <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

    <td>Course 5: &nbsp;</td>

    <td><input class="input100" type="text" name="c5" value="<% if(i>4)

    {

        out.println(arr[4]);

    }

```

```

else
{
    out.println("Enter a value");
}
%>">
<span class="focus-input100"></span>&nbsp;</td>
</tr>
<tr>
<td>Course 6: &nbsp;</td>
<td><input class="input100" type="text" name="c6" value="<% if(i>5)
{
    out.println(arr[5]);
}
else
{
    out.println("Enter a value");
}
%>">
<span class="focus-input100"></span>&nbsp;</td>
</tr>
<tr>
<td class="td1" ><b>Enter Your Skills:</b>
<%

```

```

        ps1 = a.prepareStatement("select * from skills where sap_id=?");
        ps1.setLong(1,sapid);
        rs=ps1.executeQuery();
        i=0;
        while(rs.next())
        {
            arr[i]=rs.getString("description");
            i++;
        }%></td>
</tr>
<tr><td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td></tr>
<tr>
<td>Skills 1: &nbsp;</td>
<td><input class="input100" type="text" name="is1" value="<% if(i>0)
{
    out.println(arr[0]);
}
else
{
    out.println("Enter a value");
}%>">
<span class="focus-input100"></span>&nbsp;</td>
</tr>

```



```

<tr>

<td>Skills 2: &nbsp; </td>

<td><input class="input100" type="text" name="is2" value="<% if(i>1)
{
    out.println(arr[1]);
}
else
{
    out.println("Enter a value");
}%>">
<span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

<td>Skills 3: &nbsp; </td>

<td><input class="input100" type="text" name="is3" value="<% if(i>2)
{
    out.println(arr[2]);
}
else
{
    out.println("Enter a value");
}%>">
<span class="focus-input100"></span>&nbsp;</td>

```

	<tr>
 Skills 4: | |
$$\{$$

```
out.println(arr[3]);
```

}

else

$$\{$$

```
out.println("Enter a value");
```

$$\} \% > ">$$
| <tr> |
 Skills 5: | |
$$\{$$

```
out.println(arr[4]);
```

```

}else

```

$$\{$$

```
out.println("Enter a value");
```

$$\} \% > ">$$

 </td>

	<tr>
 Skills 6: | |
$$\{$$

```
out.println(arr[5]);
```

}

else

$$\{$$

```
out.println("Enter a value");
```

$$\} \% > ">$$
| <tr> |
 Skills 7: | |
$$\{$$

```
out.println(arr[6]);
```

$$\}$$

else

 $\{$

```
out.println("Enter a value");
```

$$\} \% > " >$$

```

        <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

    <td>Skills 8: &nbsp;</td>

    <td><input class="input100" type="text" name="s4" value="<% if(i>7)
    {
        out.println(arr[7]);
    }
    else
    {
        out.println("Enter a value");
    }%> ">
    <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

    <td>Skills 9: &nbsp;</td>

    <td><input class="input100" type="text" name="s5" value="<% if(i>8)
    {
        out.println(arr[8]);
    }
    else
    {
        out.println("Enter a value");
    }%> ">
    <span class="focus-input100"></span>&nbsp;</td>

</tr>

```

```

        }%> ">

        <span class="focus-input100"></span>&nbsp;</td>

    </tr>

    <tr>

        <td class="td1" ><b>List Out Your Interests:</b></td>

    </tr>

    <%

ps1 = a.prepareStatement("select * from interests where sap_id=?");
ps1.setLong(1,sapid);
rs=ps1.executeQuery();
i=0;
while(rs.next())
{
    arr[i]=rs.getString("description");
    i++;
}%>

<tr><td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td></tr>

<tr>

    <td>Interest 1: &nbsp;</td>

    <td><input class="input100" type="text" name="i1" value="<% if(i>0)

    {

        out.println(arr[0]);

    }

    </td>

    </tr>

```

```

else
{
    out.println("Enter a value");
}%>">
<span class="focus-input100"></span>&nbsp;</td>
</tr>
<tr>
<td>Interest 2: &nbsp;</td>
<td><input class="input100" type="text" name="i2" value="<%if(i>1)
{
    out.println(arr[1]);
}
else
{
    out.println("Enter a value");
}%>">
<span class="focus-input100"></span>&nbsp;</td>
</tr>
<tr>
<td>Interest 3: &nbsp;</td>
<td><input class="input100" type="text" name="i3" value="<%if(i>2)
{
    out.println(arr[2]);
}
else
{
    out.println("Enter a value");
}%>">
<span class="focus-input100"></span>&nbsp;</td>
</tr>

```

```

    }

    else

    {

        out.println("Enter a value");

    }%>">

    <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

    <td>Interest 4: &nbsp;</td>

    <td><input class="input100" type="text" name="i4" value="<%if(i>3)

    {

        out.println(arr[3]);

    }

    else

    {

        out.println("Enter a value");

    }%>">

    <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

    <td>Interest 5: &nbsp;</td>

    <td>

    <input class="input100" type="text" name="i5" value="<%if(i>4)

```

```

        {
            out.println(arr[4]);
        }
    else
    {
        out.println("Enter a value");
    }%>">
    <span class="focus-input100"></span>&nbsp;</td>
</tr>
<tr>
    <td class="container-login100-form-btn"><input type="submit"
    value="Register" name="sub" class="login100-form-btn"
    onmouseover="valid();">&nbsp;</td>

    <td class="container-login100-form-btn"><input type="reset"
    value="Reset" name="res" class="login100-form-btn"></td>
</tr>
</table>
</form>
</div>
</div>
</div>
<script src="vendor/jquery/jquery-3.2.1.min.js"></script>

```



```

<script src="vendor/bootstrap/js/popper.js"></script>

<script src="vendor/bootstrap/js/bootstrap.min.js"></script>

<script src="vendor/select2/select2.min.js"></script>

<script src="vendor/tilt/tilt.jquery.min.js"></script>

<script >

    $('!js-tilt').tilt({

        scale: 1.1

    })

</script>

<script src="js/main.js"></script>

</body>

</html>

```

9.15 Update profile

```

<% @page contentType="text/html" pageEncoding="UTF-8"%>

<% @page import="java.sql.*"%>

<% @page import="java.sql.DriverManager"%>

<% @page import="java.io.*"%>

<!DOCTYPE html>

<html>

<head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

    <title>Update_profile</title>

```

```
</head>
```

```
<body>
```

```
    <%
```

```
        String arr []=new String [10];
```

```
        int i;
```

```
        PreparedStatement ps;
```

```
        ResultSet rs;
```

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

```
        Connection c=
```

```
        DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza","root","root");
```

```
        arr[0]=request.getParameter("sap");
```

```
        ps=c.prepareStatement("delete from education where sap_id=?");
```

```
        ps.setLong(1,Long.parseLong(arr[0]));
```

```
        ps.executeUpdate();
```

```
        c.close();
```

```
        c= DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza","root",  
        "root");
```

```
        arr[1]=request.getParameter("sch");
```

```
        arr[2]=request.getParameter("ten");
```

```
        arr[3]=request.getParameter("branch");
```

```
        arr[4]=request.getParameter("dur");
```

```
        arr[5]=request.getParameter("des");
```

```
        arr[6]=request.getParameter("ap");
```

```
        arr[7]=request.getParameter("sem");
```

```

ps=c.prepareStatement("insert into education values(?,?,?,?,?,?,?)");
ps.setLong(1,Long.parseLong(arr[0]));
ps.setString(2,arr[1]);
ps.setFloat(3,Float.parseFloat(arr[2]));
ps.setFloat(4,Float.parseFloat(arr[6]));
ps.setString(5,arr[3]);
ps.setLong(6,Integer.parseInt(arr[7]));
ps.setLong(7,Integer.parseInt(arr[4]));
ps.setString(8,arr[5]);
ps.executeUpdate();
ps=c.prepareStatement("delete from achievement where sap_id=?");
ps.setLong(1,Long.parseLong(arr[0]));
ps.executeUpdate();
c.close();

c= DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza","root",
"root");
arr[1]=request.getParameter("c1");
if(arr[1].compareTo("Enter a value")!=0)
{
    ps=c.prepareStatement("insert into achievement(sap_id,description)
    values(?,?)");
    ps.setLong(1,Long.parseLong(arr[0]));
    ps.setString(2, arr[1]);
    ps.executeUpdate();
}

```

```

    }

    arr[1]=request.getParameter("c2");
    if(arr[1].compareTo("Enter a value ")!=0)
    {
        ps=c.prepareStatement("insert into achievement(sap_id,description)
        values(?,?)");

        ps.setLong(1,Long.parseLong(arr[0]));
        ps.setString(2, arr[1]);
        ps.executeUpdate();
    }

    arr[1]=request.getParameter("c3");
    if(arr[1].compareTo("Enter a value ")!=0)
    {
        ps=c.prepareStatement("insert into achievement(sap_id,description) values
        (?,?)");

        ps.setLong(1,Long.parseLong(arr[0]));
        ps.setString(2, arr[1]);
        ps.executeUpdate();
    }

    arr[1]=request.getParameter("c4");
    if(arr[1].compareTo("Enter a value")!=0)
    {
        ps=c.prepareStatement("insert into achievement(sap_id,description) values
        (?,?)");
    }

```

```

        ps.setLong(1,Long.parseLong(arr[0]));

        ps.setString(2, arr[1]);

        ps.executeUpdate();
    }
    arr[1]=request.getParameter("c5");
    if(arr[1].compareTo("Enter a value")!=0)
    {

        ps=c.prepareStatement("insert into achievement(sap_id,description)
        values(?,?)");

        ps.setLong(1,Long.parseLong(arr[0]));

        ps.setString(2, arr[1]);

        ps.executeUpdate();
    }
    arr[1]=request.getParameter("c6");
    if(arr[1].compareTo("Enter a value")!=0)
    {

        ps=c.prepareStatement("insert into achievement(sap_id,description) values
        (?,?)");

        ps.setLong(1,Long.parseLong(arr[0]));

        ps.setString(2, arr[1]);

        ps.executeUpdate();
    }

    ps=c.prepareStatement("delete from skills where sap_id=?");

    ps.setLong(1,Long.parseLong(arr[0]));

```

```

ps.executeUpdate();

c.close();

c= DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza","root"
,"root");

arr[1]=request.getParameter("is1");

if(arr[1].compareTo("Enter a value ")!=0)
{
    ps=c.prepareStatement("insert into skills(sap_id,description) values (?,?)");
    ps.setLong(1,Long.parseLong(arr[0]));
    ps.setString(2, arr[1]);
    ps.executeUpdate();
}

arr[1]=request.getParameter("is2");

if(arr[1].compareTo("Enter a value ")!=0)
{
    ps=c.prepareStatement("insert into skills(sap_id,description) values (?,?)");
    ps.setLong(1,Long.parseLong(arr[0]));
    ps.setString(2, arr[1]);
    ps.executeUpdate();
}

arr[1]=request.getParameter("is3");

if(arr[1].compareTo("Enter a value ")!=0)
{
    ps=c.prepareStatement("insert into skills(sap_id,description) values (?,?)");

```

```

        ps.setLong(1,Long.parseLong(arr[0]));

        ps.setString(2, arr[1]);

        ps.executeUpdate();
    }
    arr[1]=request.getParameter("is4");
    if(arr[1].compareTo("Enter a value ")!=0)
    {

        ps=c.prepareStatement("insert into skills(sap_id,description) values (?,?)");

        ps.setLong(1,Long.parseLong(arr[0]));

        ps.setString(2, arr[1]);

        ps.executeUpdate();
    }
    arr[1]=request.getParameter("s1");
    if(arr[1].compareTo("Enter a value ")!=0)
    {

        ps=c.prepareStatement("insert into skills(sap_id,description) values (?,?)");

        ps.setLong(1,Long.parseLong(arr[0]));

        ps.setString(2, arr[1]);

        ps.executeUpdate();
    }
    arr[1]=request.getParameter("s2");
    if(arr[1].compareTo("Enter a value ")!=0)

```

```

{
    ps=c.prepareStatement("insert into skills(sap_id,description) values (?,?)");
    ps.setLong(1,Long.parseLong(arr[0]));
    ps.setString(2, arr[1]);
    ps.executeUpdate();
}
arr[1]=request.getParameter("s3");
if(arr[1].compareTo("Enter a value ")!=0)
{
    ps=c.prepareStatement("insert into skills(sap_id,description) values (?,?)");
    ps.setLong(1,Long.parseLong(arr[0]));
    ps.setString(2, arr[1]);
    ps.executeUpdate();
}
arr[1]=request.getParameter("s4");
if(arr[1].compareTo("Enter a value ")!=0)
{
    ps=c.prepareStatement("insert into skills(sap_id,description) values (?,?)");
    ps.setLong(1,Long.parseLong(arr[0]));
    ps.setString(2, arr[1]);
    ps.executeUpdate();
}
arr[1]=request.getParameter("s5");

```



```

if(arr[1].compareTo("Enter a value ")!=0)
{
    ps=c.prepareStatement("insert into skills(sap_id,description) values (?,?)");
    ps.setLong(1,Long.parseLong(arr[0]));
    ps.setString(2, arr[1]);
    ps.executeUpdate();
}

ps=c.prepareStatement("delete from interests where sap_id=?");
ps.setLong(1,Long.parseLong(arr[0]));
ps.executeUpdate();
c.close();

c= DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza","root",
"root");

arr[1]=request.getParameter("i1")
if(arr[1].compareTo("Enter a value")!=0)
{
    ps=c.prepareStatement("insert into interests(sap_id,description) values (?,?)");
    ps.setLong(1,Long.parseLong(arr[0]));
    ps.setString(2, arr[1]);
    ps.executeUpdate();
}

arr[1]=request.getParameter("i2");
if(arr[1].compareTo("Enter a value ")!=0)
{

```

```

        ps=c.prepareStatement("insert into interests(sap_id,description) values (?,?)");
        ps.setLong(1,Long.parseLong(arr[0]));
        ps.setString(2, arr[1]);
        ps.executeUpdate();
    }
    arr[1]=request.getParameter("i3");
    if(arr[1].compareTo("Enter a value")!=0)
    {
        ps=c.prepareStatement("insert into interests(sap_id,description) values (?,?)");
        ps.setLong(1,Long.parseLong(arr[0]));
        ps.setString(2, arr[1]);
        ps.executeUpdate();
    }
    arr[1]=request.getParameter("i4");
    if(arr[1].compareTo("Enter a value")!=0)
    {
        ps=c.prepareStatement("insert into interests(sap_id,description) values (?,?)");
        ps.setLong(1,Long.parseLong(arr[0]));
        ps.setString(2, arr[1]);
        ps.executeUpdate();
    }
    arr[1]=request.getParameter("i5");
    if(arr[1].compareTo("Enter a value")!=0)

```

```
{  
    ps=c.prepareStatement("insert into interests(sap_id,description) values (?,?)");  
    ps.setLong(1,Long.parseLong(arr[0]));  
    ps.setString(2, arr[1]);  
    ps.executeUpdate();  
}  
response.sendRedirect("student_home.jsp");  
%>  
</body>  
</html>
```

9.16 Acc Faculty

Faculty Registration

localhost:8084/handiazza/acc_fac.jsp

Faculty Register

First Name :

Last Name :

Sap-Id :

Username :

Password :

Confirm Password :

Email :

Phone Number :

Gender : ☒ Male ☐ Female

DOB :

Department :

Committee(optional)

Activate Windows
Go to Settings to activate Windows.

7:56 PM
3/24/2018

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Login V1</title>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>

    <link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">

    <link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-
awesome.min.css">

    <link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">

    <link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">

    <link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">

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

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

</head>

<body>

    <div class="limiter">

        <div class="container-login100">

            <div class="wrap-login100">

                <form class="login100-form validate-form" action="register_faculty.jsp">

                    <span class="login100-form-title">
```

Faculty Register

<table align="center">

<tr>

<td>First Name : </td>

<td><input class="input100" type="text" name="First_name"
required >
 </td>

</tr>

<tr>

<td>Last Name : </td>

<td><input class="input100" type="text" name="Last_name"
required> </td>

</tr>

<tr>

<td>Sap-Id : </td>

<td><input class="input100" type="number" name="Sap_ID"
required>
 </td>

</tr>

<tr>

<td> Username : </td>

<td><input class="input100" type="text" name="Username"
value="f" required > </td>

</tr>

 Password : | || <tr> |
 Confirm Password : | || | |
 Email : | <input class="input100" type="email" id="email" name="Email" required> </td> || | <tr> |
 Phone Number : | || | |
 Gender : |

☒ Male ☐ Female

```

        Female<input type="radio" name="gender" value="Female">
        <span class="focus-input100"></span>&nbsp;</td>

</tr>

<tr>

<td> DOB : &nbsp;</td>

<td><input type="date" name="Dob" required
class="input100">&nbsp;</td>

</tr>

<tr>

<td> Department : &nbsp;</td>

<td><input class="input100" type="text" name="Dept"
required>&nbsp;</td>

</tr>

<tr>

<td> Committee(optional) &nbsp;</td>

<td><input class="input100" name="committee" value="" />
&nbsp;</td>

</tr>

<tr>

<td class="container-login100-form-btn"><input type="submit"
value="Register" name="sub" class="login100-form-btn"
onmouseover="valid();">&nbsp;</td>

<td class="container-login100-form-btn"><input type="reset"
value="Reset" name="res" class="login100-form-btn"></td>

</tr>

```



```

        </table>

</form>

</div>

</div>

</div>

<script type="text/javascript">

    var a, b;

    function valid()

    {

        a = document.getElementById("pass").value;

        b = document.getElementById("cpass").value;

        if (a != b)

        {

            alert("Both the passwords should be correct");

        }

    }

</script>

<script src="vendor/jquery/jquery-3.2.1.min.js"></script>

<script src="vendor/bootstrap/js/popper.js"></script>

<script src="vendor/bootstrap/js/bootstrap.min.js"></script>

<script src="vendor/select2/select2.min.js"></script>

<script src="vendor/tilt/tilt.jquery.min.js"></script>

<script src="js/main.js"></script>

```

```
<script >

    $('js-tilt').tilt({

        scale: 1.1

    })

</script>

</body>

</html>
```

9.17 Register faculty

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>

<% @page import="java.sql.*"%>

<% @page import="java.sql.DriverManager"%>

<% @page import="java.io.*"%>

<% @page import="java.text.SimpleDateFormat"%>

<% @page import="java.util.Date"%>

<!DOCTYPE html>

<html>

<head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

    <title>Register Faculty</title>

</head>

<body>

<%
```

```

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

int i=0;

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

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

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

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

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

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

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

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

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

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

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

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

Long sap=Long.parseLong(Sap_ID);

Long phone=Long.parseLong(Phone_no);

SimpleDateFormat formatter = new SimpleDateFormat("MM-dd-yyyy");

Date date = formatter.parse(Dob);

java.sql.Date sqlDate = new java.sql.Date(date.getTime());

Connection a=

DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza","root","root");

PreparedStatement ps = a.prepareStatement("select * from login where

username=?");

```

```

        ps.setString(1,Username);

        ResultSet rs;

        rs = ps.executeQuery();

        while(rs.next())

        {

i++;

        }

        if(i>0)

        {

out.print("Username already exists");

        }

        if(i==0)

        {

PreparedStatement ps1 = a.prepareStatement("insert into faculty

        values (?, ?, ?, ?, ?, ?, ?, ?, ?)");

ps1.setString(1,First_name);

ps1.setString(2,Last_name);

ps1.setLong(3,sap);

ps1.setString(4,Username);

ps1.setString(5,Email);

ps1.setLong(6,phone);

ps1.setString(7,gender);

ps1.setDate(8,sqlDate);

```

```
ps1.setString(9,Dept);  
ps1.setString(10,committee);  
ps1.executeUpdate();  
}
```

```
PreparedStatement ps2 = a.prepareStatement("insert into login values (?,?)");
```

```
ps2.setString(1,Username);
```

```
ps2.setString(2,cpass);
```

```
ps2.executeUpdate();
```

```
response.sendRedirect("login.jsp");
```

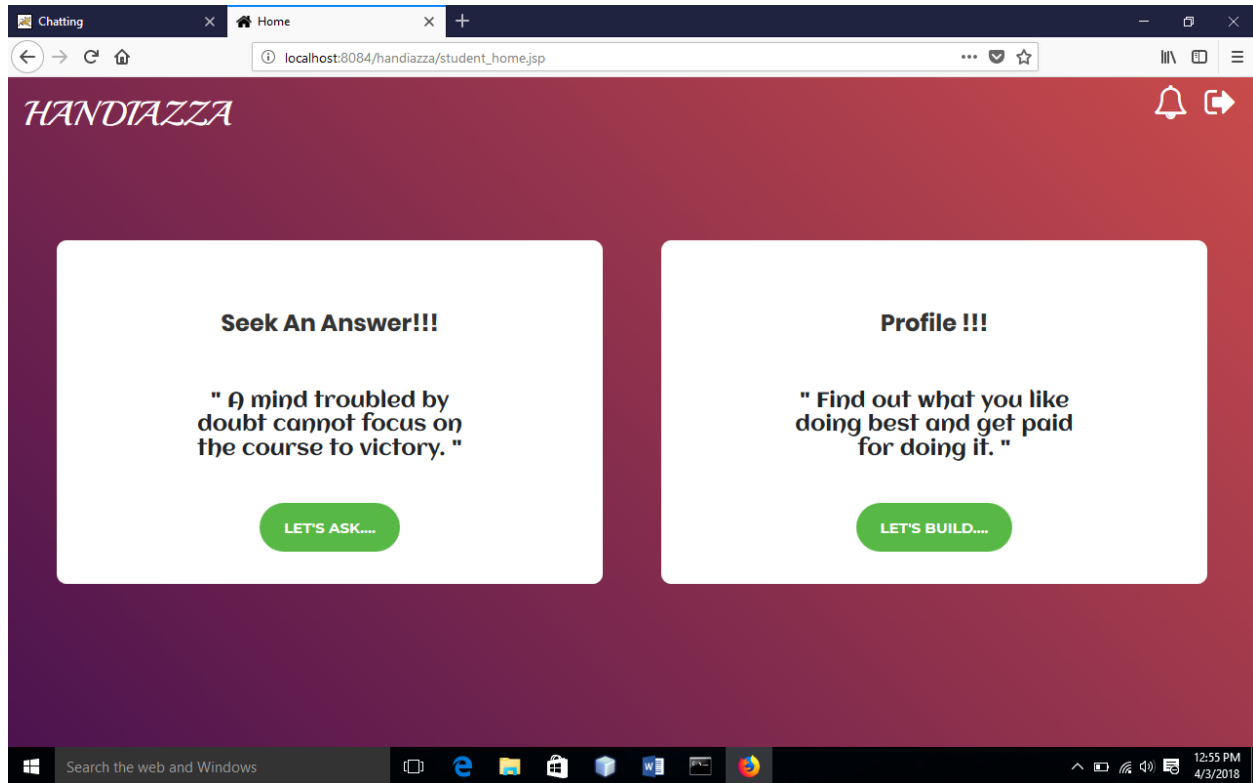
```
%>
```

```
</body>
```

```
</html>
```

9.18 Faculty home

Here, the faculty has two options, one to interact with students and the other to view student's profile. On entering the student's name their profile is displayed.



```
<% @page contentType="text/html" pageEncoding="UTF-8"% >
```

```
<!DOCTYPE html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <title>Login V1</title>
```

```
    <meta charset="UTF-8">
```

```

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="icon" type="image/png" href="images/icons/favicon.ico"/>

<link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">

<link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-
awesome.min.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">

<link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

<link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">

<link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">

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

<link href='https://fonts.googleapis.com/css?family=Aclonica' rel='stylesheet'>

<link href="https://fonts.googleapis.com/css?family=Berkshire+Swash"
rel="stylesheet">

</head>

<body>

<div class="limiter">

<div class="container-login100">

<a href="login.jsp"><i class="fa fa-bell-o" style="font-size:35px;color:white; position:
absolute; top: 8px; right: 70px;"></i></a>

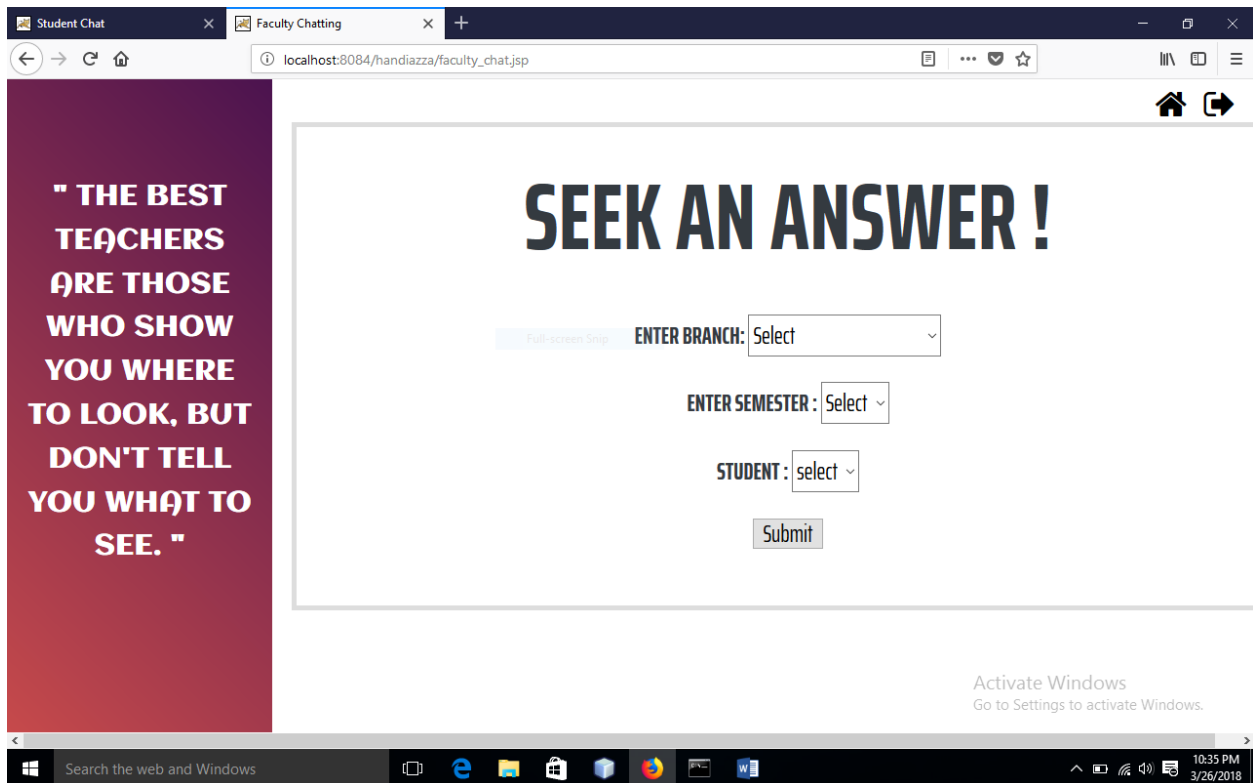
<a href="destroy_session.jsp"><i class="fa fa-sign-out" style="font-
size:35px;color:white; position: absolute; top: 8px; right: 20px;"></i></a>

```

Guide without dictating, and participate without dominating.

[illegible]

9.19 Faculty chat



```
<% @page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<% @page import="java.sql.DriverManager"%>
```

```
<% @page import="java.sql.*"%>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<script src = "https://cdnjs.cloudflare.com/ajax/libs/socket.io/2.0.4/socket.io.js">
```

```
</script>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to=
```

```

fit=no">

<meta name="description" content="">

<meta name="author" content="">

<title>Faculty Chatting</title>

<link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">

<link href=

"https://fonts.googleapis.com/css?family=Saira+Extra+Condensed:100,200,300,400,

500,600,700,800,900" rel="stylesheet">

<link

href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,7

00,700i,800,800i" rel="stylesheet">

<link href="vendor/font-awesome/css/font-awesome.min.css" rel="stylesheet">

<link href="vendor/devicons/css/devicons.min.css" rel="stylesheet">

<link href="vendor/simple-line-icons/css/simple-line-icons.css" rel="stylesheet">

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

<link href="https://fonts.googleapis.com/css?family=Aclonica" rel="stylesheet">

</head>

<body id="page-top">

<a href="fac_home.jsp"><i class="fa fa-home" style="font-size:35px;color:black;

position: absolute; top: 8px; right: 70px;"></i></a>

<a href="destroy_session.jsp"><i class="fa fa-sign-out" style="font-

size:35px;color:black; position: absolute; top: 8px; right: 20px;"></i></a>

<nav class="navbar navbar-expand-lg navbar-dark bg-primary fixed-top" id="sideNav">

<h2>" The best teachers are those who show you where to look, but don't tell you what

```

to see. "</h2>

</nav>

<div class="chatContainer">

<h1>Seek An Answer !</h1>

<form action="chatting.jsp" method="post">

<h4>Enter branch:

<select name="dept" onchange="get(this.value)">

<option>Select</option>

<option value="Computer Engineering">Computer Engineering</option>

<option value="IT">IT</option>

<option value="Mechanical Engineering">Mechanical
Engineering</option>

<option value="Electrical Engineering">Electrical Engineering</option>

<option value="Civil Engineering">Civil Engineering</option>

<option value="Electronics">Electronics</option>

<option value="Plastics Engineering">Plastics Engineering</option>

<option value="Chemical Engineering">Chemical Engineering</option>

</select>

Enter Semester :

<select name="sem" onchange="show(this.value)">

<option>Select</option>

<option value="1">1</option>

<option value="2">2</option>

```

        <option value="3">3</option>

        <option value="4">4</option>

        <option value="5">5</option>

        <option value="6">6</option>

        <option value="7">7</option>

        <option value="8">8</option>

    </select><br><br>

    <div>

    Student :&nbsp;

    <select id="list" name="student">

        <option>select</option></h4>

    </select><br><br>

    <input type="submit" value="Submit">

    </div>

</form>

<%
session.setAttribute("type","teacher");
%>

</div>

</div>

<script src="vendor/jquery/jquery.min.js"></script>

<script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

<script src="vendor/jquery-easing/jquery.easing.min.js"></script>

```

```

<script src="js/resume.min.js"></script>

<script>
    var sel="";
    function get(st)
    {
        sel=st;
    }
    function show(str)
    {
        var xmlhttp;
        if(window.XMLHttpRequest)
        {
            xmlhttp=new XMLHttpRequest();
        }
        else
        {
            xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");
        }
        xmlhttp.onreadystatechange=function()
        {
            if(xmlhttp.readyState==4&&xmlhttp.status==200)
            {
                document.getElementById("list").innerHTML=

```

```

        xmlhttp.responseText;

        document.getElementById("list").value=
        xmlhttp.responseText;

    }

}

xmlhttp.open("GET","getst.jsp?q="+str+"&r="+sel,true);
xmlhttp.send();

}

</script>
</body>
</html>

```

9.20 Get_Student

```

<% @page contentType="text/html" pageEncoding="UTF-8"%>
<% @page import="java.sql.DriverManager"%>
<% @page import="java.sql.*"%>
<!DOCTYPE html>
<html>
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>JSP Page</title>
</head>
<body>

```

```

<select>

<%

Long s = 0L;

String sem = request.getParameter("q");

String d = request.getParameter("r");

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

Connection c = DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza",
"root", "root");

PreparedStatement ps = c.prepareStatement("Select * from education where branch=?
AND semester=?");

ps.setString(1, d);

ps.setInt(2, Integer.parseInt(sem));

ResultSet rs = ps.executeQuery();

while (rs.next())
{
    PreparedStatement ps1 = c.prepareStatement("Select * from personal_details
    where sap_id=?");

    s = rs.getLong("sap_id");

    ps1.setLong(1, s);

    ResultSet rs1 = ps1.executeQuery();

    while (rs1.next())
    { %>

        <option value="<%=rs1.getLong("sap_id")%>">

```



```

        <%=rs1.getString("fname")%></option>

    </select><% }

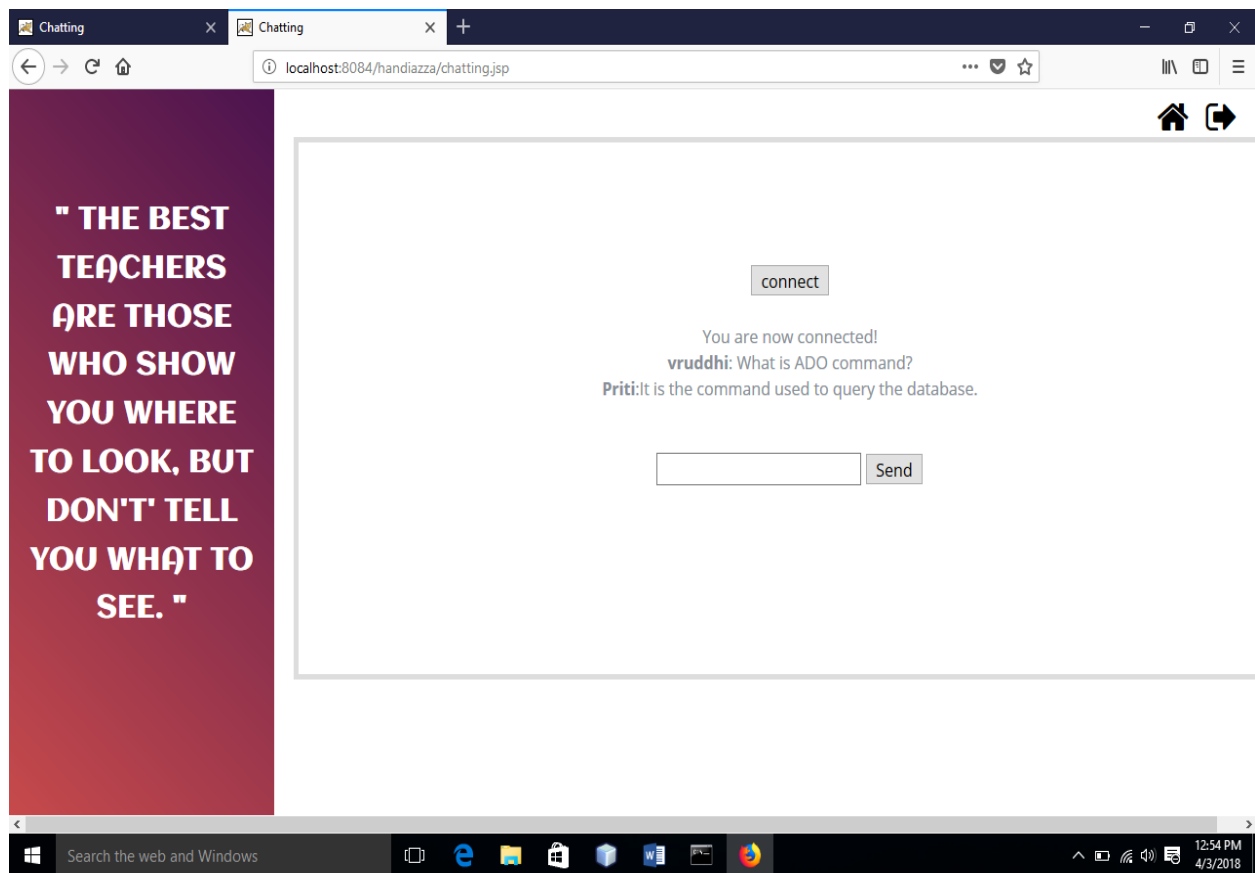
}%>

</body>

</html>

```

9.21 Faculty Chatting



```

<% @page contentType="text/html" pageEncoding="UTF-8"%>
<% @page import="java.sql.DriverManager"%>
<% @page import="java.sql.*"%>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
  <script src =
    "https://cdnjs.cloudflare.com/ajax/libs/socket.io/2.0.4/socket.io.js"></script>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-
    fit=no">
  <meta name="description" content="">
  <meta name="author" content="">
  <title>Chatting</title>
  <link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
  <link href=
    "https://fonts.googleapis.com/css?family=Saira+Extra+Condensed:100,200,300,400,
    500,600,700,800,900" rel="stylesheet">
  <link href=
    "https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,
    700i,800,800i" rel="stylesheet">
  <link href="vendor/font-awesome/css/font-awesome.min.css" rel="stylesheet">
  <link href="vendor/devicons/css/devicons.min.css" rel="stylesheet">
  <link href="vendor/simple-line-icons/css/simple-line-icons.css" rel="stylesheet">
  <link href="css/chat.css" rel="stylesheet">
  <link href="https://fonts.googleapis.com/css?family=Aclonica" rel="stylesheet">
</head>
<body id="page-top">
  <a href="student_home.jsp"><i class="fa fa-home" style="font-size:35px;color:black;
    position: absolute; top: 8px; right: 70px;"></i></a>

```

```

<a href="destroy_session.jsp"><i class="fa fa-sign-out" style="font-
size:35px;color:black; position: absolute; top: 8px; right: 20px;"></i></a>
<nav class="navbar navbar-expand-lg navbar-dark bg-primary fixed-top" id="sideNav">
<h2>" The best teachers are those who show you where to look, but don't tell you what
to see. "</h2>
</nav>
<div class="chatContainer">
<br><br>
<%
String resultfn = "";
Long resultsap = 0L;
String username = "";
long sap = Long.parseLong(session.getAttribute("user").toString());
String branch = "";
String fname = "";
String type = session.getAttribute("type").toString();
Class.forName("com.mysql.jdbc.Driver");
Connection c = DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza",
"root", "root");
PreparedStatement ps;
ResultSet rs;
%>
<form>
    <% if (type.equals("student")) {
        branch = request.getParameter("dept");
        fname = request.getParameter("facname");
    }
    %>

```

```

ps = c.prepareStatement("Select * from faculty where dept=? AND fname=?");
ps.setString(1, branch);
ps.setString(2, fname);
rs = ps.executeQuery();
if (rs.next())
{
    resultfn = rs.getString("fname");
    resultsap = rs.getLong("sap_id");
}
ps = c.prepareStatement("Select * from personal_details where sap_id=?");
ps.setLong(1, sap);
rs = ps.executeQuery();
if (rs.next())
{
    username = rs.getString("fname");
}
}else
{
    String n = request.getParameter("student");
    Long s = 0L;
    s = Long.parseLong(n);
    ps = c.prepareStatement("Select * from personal_details where
sap_id=?");
    ps.setLong(1, Long.parseLong(n));
    rs = ps.executeQuery();
    if (rs.next())

```

```

        {
            resultfn = rs.getString("fname");
            resultsap = rs.getLong("sap_id");
        }
        ps = c.prepareStatement("Select * from faculty where sap_id=?");
        ps.setLong(1, sap);
        rs = ps.executeQuery();
        if (rs.next())
        {
            username = rs.getString("fname");
        }
    }
    %>
</form><br><br>
<input type="button" onclick="connect()" value="connect"><br><br>
<div id="msg"></div><br><br>
<form>
    <input type="text" id="message"/>
    <input type="button" name="button" value="Send" onclick = "sendMessage()"/>
</form>
<% String fn = "";
if (type.equals("student"))
{
    ps = c.prepareStatement("Select fname from personal_details where sap_id=?");
    ps.setLong(1, sap);
    rs = ps.executeQuery();

```

```

        if (rs.next())
        {
            fn = rs.getString("fname");
        }
    }
    else
    {
        ps = c.prepareStatement("Select fname from faculty where sap_id=?");
        ps.setLong(1, sap);
        rs = ps.executeQuery();
        if (rs.next())
        {
            fn = rs.getString("fname");
        }
    }
    %>
</div>
</div>
<script>
var socket = io("http:// 192.168.0.102:3000/");
var from = '<%=sap%>';
var user = '<%= username%>';
var to = '<%= resultsap%>';
function connect()
{
    socket.emit('setUsername', from);

```

```

    });
    socket.on('userSet', function ()
    {
        document.getElementById("msg").innerHTML = 'You are now connected! ';
    });
    function sendMessage()
    {
        var msg = document.getElementById("message").value;
        document.getElementById("message").value = "";
        if (msg)
        {
            document.getElementById("msg").innerHTML += '<div><b>' + user +
            '</b>:' + msg + '</div>';
            socket.emit('msg', { message: msg, to: to, from: from, user: user });
        }
    }
    socket.on(from, function (data)
    {
        if (data.to == from)
        {
            console.log(data);
            document.getElementById("msg").innerHTML += '<div><b>' + data.user
            +
            '</b>:' + data.message + '</div>';
        }
    });
</script>

```

```
<script src="vendor/jquery/jquery.min.js"></script>
<script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/resume.min.js"></script>
</body>
</html>
```


9.22 Recruiter Registration

The screenshot displays a web browser window with the title 'Recruiter Registration'. The address bar shows the URL 'localhost:8084/handiazza/acc_rec.jsp'. The page content features a registration form with the following fields and buttons:

- Company Name:
- Email:
- Username:
- Password:
- Confirm Password:
- Company ID:
-
-

An 'Activate Windows' watermark is visible in the bottom right corner of the page. The Windows taskbar at the bottom shows the search bar, task view button, and several application icons.

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <title>Login V1</title>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
    <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>
```

```
    <link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">
```

```
    <link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-
```

```

awesome.min.css">

<link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">

<link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">

<link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">

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

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

</head>

<body>

<div class="limiter">

<div class="container-login100">

<div class="wrap-login100">

<form class="login100-form validate-form" action="register_recruiter.jsp">

    <span class="login100-form-title">

        Recruiter Registration

    </span>

    <table align="center">

        <tr>

            <td>Company Name: </td>

            <td><input class="input100" type="text" name="Company_name"
            required>&nbsp;</td>

        </tr>

        <tr>

            <td>Email : &nbsp;</td>

```

```

        <td><input class="input100" type="email" id="email"
        name="email" required >&nbsp;</td>

    </tr>

    <tr>

        <td> Username : </td>

        <td><input class="input100" type="text" name="Username"
        id="username" onfocus='value = "r"' required>&nbsp;</td>

    </tr>

    <tr>

        <td>Password : &nbsp;</td>

        <td><input class="input100" type="password" name="Password"
        id="pass" required >&nbsp;</td>

    </tr>

    <tr>

        <td> Confirm Password : &nbsp;</td>

        <td><input class="input100" type="password"
        name="CPassword" id="cpass" required >&nbsp;</td>

    </tr>

    <tr>

        <td> Company ID : &nbsp;</td>

        <td><input class="input100" type="number"
        name="Company_ID" required >&nbsp;</td>

    </tr>

    <tr>

        <td class="container-login100-form-btn"><input type="submit"
        value="Register" name="sub" class="login100-form-btn"

```

```

onmouseover="valid();"
formaction="recruitor_home.jsp">&nbsp;</td>

<td class="container-login100-form-btn"><input type="reset"
value="Reset" name="res" class="login100-form-btn"></td>

</tr>

</table>

</form>

</div>

</div>

</div>

<script type="text/javascript">

var a, b;

function valid()

{

    a = document.getElementById("pass").value;

    b = document.getElementById("cpass").value;

    if (a != b)

    {

        alert("Both the passwords should be correct");

    }

}

</script>

<script src="vendor/jquery/jquery-3.2.1.min.js"></script>

<script src="vendor/bootstrap/js/popper.js"></script>

<script src="vendor/bootstrap/js/bootstrap.min.js"></script>

```

```

<script src="vendor/select2/select2.min.js"></script>

<script src="vendor/tilt/tilt.jquery.min.js"></script>

<script src="js/main.js"></script>

<script src="js/main.js"></script>

<script >

    $(''.js-tilt').tilt({

        scale: 1.1

    })

</script>

</body>

</html>

```

9.23 Register recruiter

```

<% @page contentType="text/html" pageEncoding="UTF-8"%>

<% @page import="java.sql.*"%>

<% @page import="java.sql.DriverManager"%>

<% @page import="java.io.*"%>

<!DOCTYPE html>

<html>

<head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

    <title>Register Recruiter</title>

</head>

```

<body>

<%

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

    int i=0;

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

    String Email=request.getParameter("E-mail");

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

    String Company=request.getParameter("Company_ID");

    String cpass=request.getParameter("CPassword");

    int cid=Integer.parseInt(Company);

    Connection a=

    DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza","root","root");

    PreparedStatement ps = a.prepareStatement("select * from login where username=?");

    ps.setString(1,Username);

    ResultSet rs;

    rs = ps.executeQuery();

    while(rs.next())

    {

i++;

    }

    if(i>0)

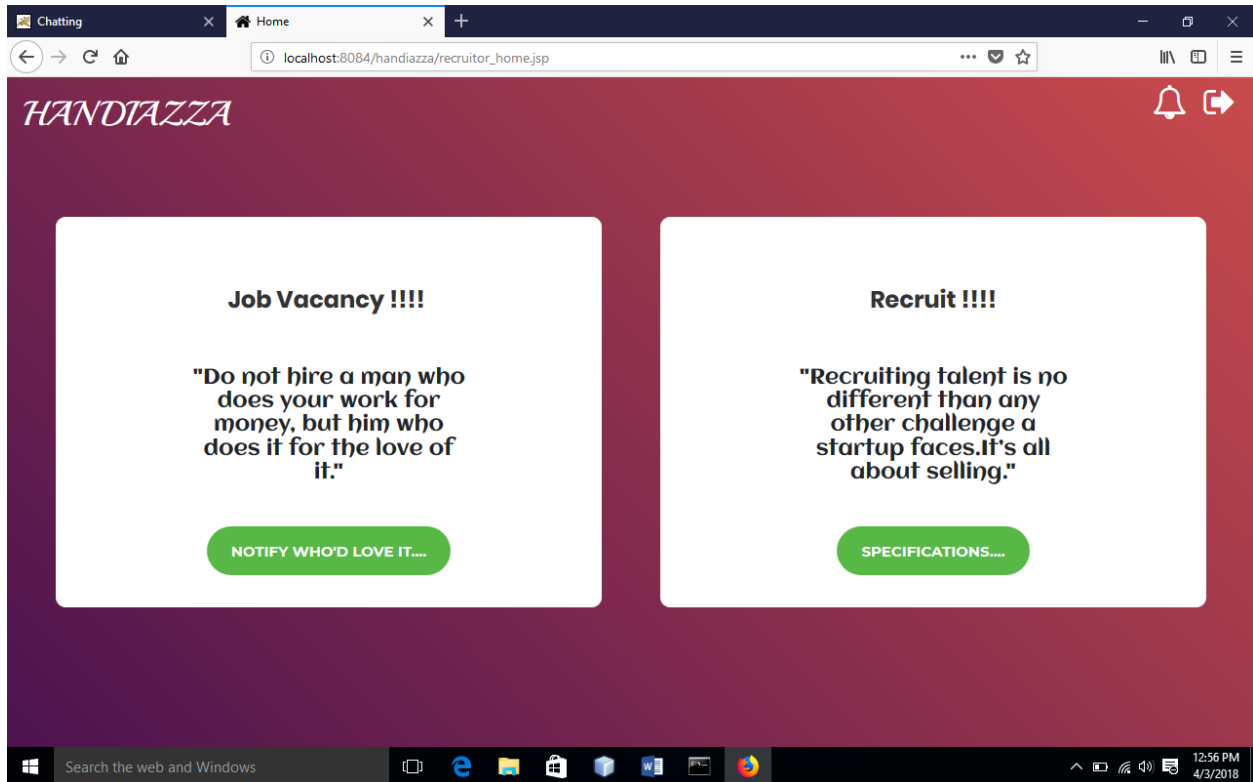
    {

        out.print("Username already exists");
```

```
    }  
    if(i==0)  
    {  
        PreparedStatement ps1 = a.prepareStatement("insert into recruiter  
values(?,?,?,?)");  
  
        ps1.setString(1,Company_name);  
  
        ps1.setString(2,Email);  
  
        ps1.setString(3,Username);  
  
        ps1.setInt(4,cid);  
  
        ps1.executeUpdate();  
    }  
  
    PreparedStatement ps2 = a.prepareStatement("insert into login values (?,?)");  
    ps2.setString(1,Username);  
    ps2.setString(2,cpass);  
    ps2.executeUpdate();  
    response.sendRedirect("login.jsp");  
    %>  
</body>  
</html>
```

9.24 Recruiter Home

The recruiter is given two options, to notify students for a vacancy and the other to specify the company's conditions.



```
<% @page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <title>Login V1</title>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
    <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>
```



```

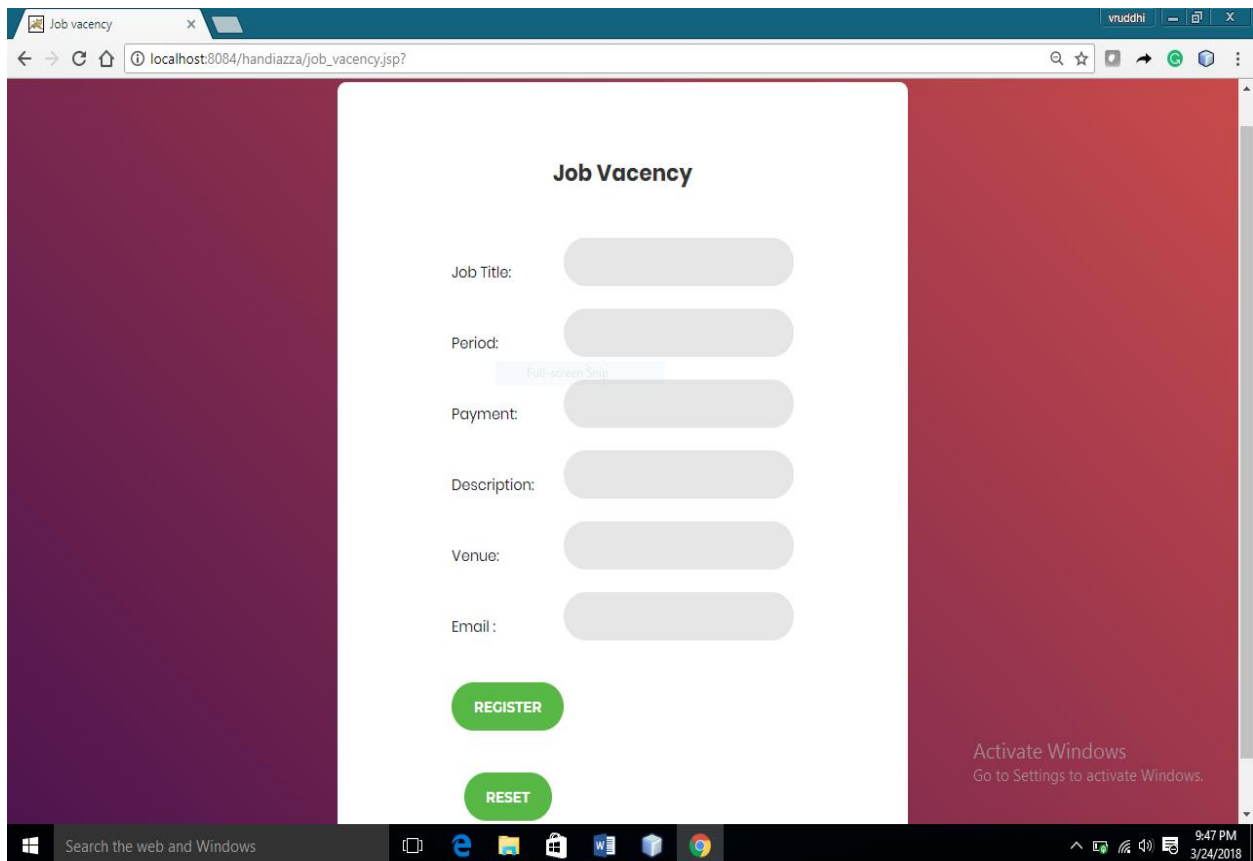
<link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-
awesome.min.css">
<link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">
<link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">
<link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">
<link rel="stylesheet" type="text/css" href="css/home.css">
<link href='https://fonts.googleapis.com/css?family=Aclonica' rel='stylesheet'>
<link href="https://fonts.googleapis.com/css?family=Berkshire+Swash"
rel="stylesheet">
</head>
<body>
<div class="limiter">
<div class="container-login100">
<a href="login.jsp"><i class="fa fa-bell-o" style="font-size:35px;color:white; position:
absolute; top: 8px; right: 70px;"></i></a>
<a href="destroy_session.jsp"><i class="fa fa-sign-out" style="font-
size:35px;color:white; position: absolute; top: 8px; right: 20px;"></i></a>
<p class="handiazza"> HANDIAZZA</p>
<div class="wrap-login100">
<div class="login100-form validate-form">
<span class="login100-form-title">
Job Vacancy !!!!&nbsp;

```


</body>

</html>

9.25 Job_vacancy



The screenshot displays a web browser window with the title 'Job vacancy'. The address bar shows the URL 'localhost:8084/handiazza/job_vacancy.jsp?'. The main content area features a form titled 'Job Vacancy' with the following fields and controls:

- Job Title:
- Period:
- Payment:
- Description:
- Venue:
- Email:
-
-

An 'Activate Windows' watermark is visible in the bottom right corner of the browser window. The Windows taskbar at the bottom shows the search bar and several application icons.

<% @page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Login V1</title>

```

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="icon" type="image/png" href="images/icons/favicon.ico"/>

<link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">

<link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-
awesome.min.css">

<link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">

<link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">

<link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">

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

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

</head>

<body>

<div class="limiter">

<div class="container-login100">

<div class="wrap-login100">

<form class="login100-form validate-form" action="vacancy_insert.jsp">

    <span class="login100-form-title">

        Job Vacancy

    </span>

    <table align="center">

        <tr>

```

```

        <td>Job Title: </td>

        <td><input class="input100" type="text" id="name" name="Job
        Title" required >&nbsp;</td>

    </tr>

    <tr>

        <td>Period:</td>

        <td><input class="input100" type="text" id="lname"
        name="Period" required >&nbsp;</td>

    </tr>

    <tr>

        <td>Payment:</td>

        <td><input class="input100" type="text" id="un"
        name="Payment" required>&nbsp;</td>

    </tr>

    <tr>

        <td>Description:</td>

        <td><input class="input100" type="text" id="pwd"
        name="Description" required>&nbsp;</td>

    </tr>

    <tr>

        <td>Venue:</td>

        <td><input class="input100" type="password" id="cpwd"
        name="Venue" required>&nbsp;</td>

    </tr>

    <tr>

```

```

        <td> Email : &nbsp; </td>

        <td><input class="input100" type="email" id="email"
        name="email" required>&nbsp;</td>

    </tr>

    <tr>

        <td class="container-login100-form-btn"><input type="submit"
        value="Register" name="sub" class="login100-form-btn"
        onmouseover="valid();">&nbsp;</td>

        <td class="container-login100-form-btn"><input type="reset"
        value="Reset" name="res" class="login100-form-btn"></td>

    </tr>

</table>

</form>

</div>

</div>

</div>

<script src="vendor/jquery/jquery-3.2.1.min.js"></script>

<script src="vendor/bootstrap/js/popper.js"></script>

<script src="vendor/bootstrap/js/bootstrap.min.js"></script>

<script src="vendor/select2/select2.min.js"></script>

<script src="vendor/tilt/tilt.jquery.min.js"></script>

<script src="js/main.js"></script>

<script >

    $('<div>js-tilt</div>').tilt({

        scale: 1.1
    })

```

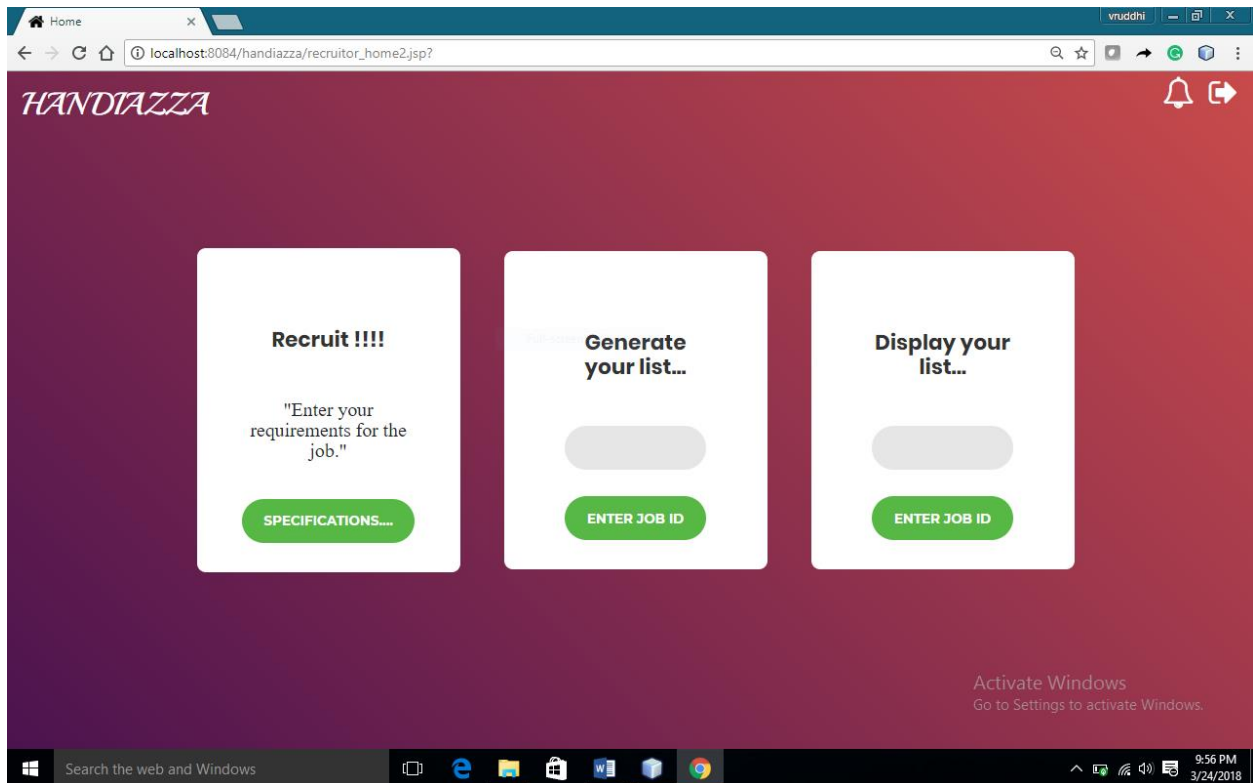
```
        })  
    </script>  
  
</body>  
  
</html>
```

9.26 Vacancy insert

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>  
  
<% @page import="java.sql.*"%>  
  
<% @page import="java.sql.DriverManager"%>  
  
<% @page import="java.io.*"%>  
  
<% @page import="java.text.SimpleDateFormat"%>  
  
<% @page import="java.util.Date"%>  
  
<!DOCTYPE html>  
  
<html>  
  
<head>  
  
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">  
  
    <title>Vacancy Insert</title>  
  
</head>  
  
<body>  
  
    <%  
  
        Class.forName("com.mysql.jdbc.Driver");  
  
        String jt = request.getParameter("Job Title");  
  
        String p = request.getParameter("Period");
```

```
String pa = request.getParameter("Payment");
String d = request.getParameter("Description");
String v = request.getParameter("Venue");
Integer pay = Integer.parseInt(pa);
Integer pe = Integer.parseInt(p);
Connection a = DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza",
"root", "root");
PreparedStatement ps1 = a.prepareStatement("insert into job_vacancy values(?,?,?,?)");
ps1.setString(1, jt);
ps1.setInt(2, pe);
ps1.setInt(3, pay);
ps1.setString(4, d);
ps1.setString(5, v);
ps1.executeUpdate();
response.sendRedirect("fac_home.jsp");
%>
</body>
</html>
```


9.27 Recruiter home2



```
<% @page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <title>Home</title>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
    <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>
```

```
    <link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">
```

```
    <link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-  
    awesome.min.css">
```

```

<link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">
<link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">
<link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">
<link rel="stylesheet" type="text/css" href="css/rec_home2.css">
<link href='https://fonts.googleapis.com/css?family=Aclonica' rel='stylesheet'>
</head>
<body>
<div class="limiter">
<div class="container-login100">
<a href="login.jsp"><i class="fa fa-bell-o" style="font-size:35px;color:white; position:
absolute; top: 8px; right: 70px;"></i></a>
<a href="login.jsp"><i class="fa fa-sign-out" style="font-size:35px;color:white; position:
absolute; top: 8px; right: 20px;"></i></a>
<p style="font-size:35px;color:white; position: absolute; top: 8px; left: 16px;">
HANDIAZZA</p>
<div class="wrap-login102">
<div class="login100-form validate-form">
<span class="login100-form-title">
Recruit !!!!
</span>
<h4 class="a">"Enter your requirements for the job."</h4>&nbsp;
<div class="container-login100-form-btn">
<form action="requirements.jsp"><input type="submit"

```

```

        value="Specifications..." class="login100-form-btn" ></form>

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

<div class="wrap-login101">

<div class="login100-form validate-form">

<span class="login100-form-title">

        Generate your list...

</span>

<form method="post" action="fuzzy.jsp"><

<div class="wrap-input100">

        input class="input100" type="text" name="jid"><span class="focus-
        input100"></span>

</div>

<div class="container-login100-form-btn">

        <input class="login100-form-btn" type="submit"
        value="Enter&nbsp;Job&nbsp;ID">

</div>

</form>

</div>

</div>

<div class="wrap-login102">

<div class="login100-form validate-form">

<span class="login100-form-title">

        Display your list...

</span>

```

```
<div class="wrap-input100 validate-input" data-validate = "Field cannot be empty">

    <form action="los.jsp"><input class="input100" type="text" name="jobid"
    id="jobid">

    <span class="focus-input100"></span>

</div>

<div class="container-login100-form-btn">

    <input type="submit" class="login100-form-btn"
    value="Enter&nbsp;Job&nbsp;ID">

    </form>

</div>

</div>

</div>

</div>

</div>

</div>

</body>

</html>
```

9.28 Requirements

After accessing the home page, the recruiter has three options to specify their job conditions, generate a list of students matching their specifications and the third is to display that list.'

Requirements

Job ID:

Enter your educational details:

Tenth Score :

Branch :

Semester :

Average percentage :

Activate Windows
Go to Settings to activate Windows.

Requirements

localhost:8084/handiazza/requirements.jsp?

Average percentage :

Work Experience(in months):

Enter you courses and achievements in technical field (such as Android , Machine Learning):

Course 1:

Course 2:

Course 3:

Course 4:

Course 5:

Course 6:

Enter you soft skills (such as leadership skills,management skills):

Soft Skills 1:

Soft Skills 2:

Soft Skills 3:

Activate Windows

Activate Windows

Go to Settings to activate Windows.

Search the web and Windows

10:00 PM 3/24/2018

Requirements

localhost:8084/handiazza/requirements.jsp?

Soft Skills 3:

Enter your technical skills (such as java , python) :

Technical Skills 1:

Technical Skills 2:

Technical Skills 3:

Technical Skills 4:

Technical Skills 5:

Enter your area of interests to work (such as DBA, NA):

Interests 1:

Interests 2:

Interests 3:

Interests 4:

SUBMIT RESET

Activate Windows
Go to Settings to activate Windows.

Search the web and Windows

10:01 PM
3/24/2018

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Requirements</title>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>

    <link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">

    <link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-
awesome.min.css">

    <link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">

    <link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">

    <link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">

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

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

</head>

<body>

    <div class="limiter">

        <div class="container-login100">

            <div class="wrap-login100">

                <form class="login100-form validate-form" method="POST" action="fuzzy_insert.jsp" >
```


Requirements

<table>

<tr >

<td class="td1">Job ID :

<input
class="input100"

type="text" name="jobid" required ><span class="focus-
input100"> </td>

</tr>

<tr>

<td class="td1" > Enter your educational
details: </td>

</tr>

<tr><td> </td></tr>

<tr >

<td class="td1">Tenth Score :

<input class="input100"
type="text" name="ts" required >

 </td>

</tr>

<tr >

<td class="td1">Branch :

<input class="input100"
type="text" name="branch" required >

 </td>

</tr>

```

<tr >

    <td class="td1">Semester :<br><br><input class="input100"
    type="text" name="sem" required ><span class="focus-
    input100"></span>&nbsp;&nbsp;&nbsp;</td>

</tr>

<tr >

    <td class="td1">Average percentage :<br><br><input
    class="input100" type="text" name="ed" required >

    <span class="focus-input100"></span>&nbsp;&nbsp;&nbsp;</td>

</tr>

<tr >

    <td class="td1">Work Experience(in months) :<br><br><input
    class="input100" type="text" name="we" >

    <span class="focus-input100"></span>&nbsp;&nbsp;&nbsp;</td>

</tr>

<tr>

    <td class="td1" ><b> Enter you courses and achievements in
    technical field (such as Android , Machine
    Learning):&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>

</tr>

<tr><td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td></tr>

<tr>

    <td class="td1">Course 1 :<br><br><input class="input100"
    type="text" name="c1" >

    <span class="focus-input100"></span>&nbsp;&nbsp;&nbsp;</td>

```

</tr>

<tr>

<td class="td1">Course 2 :

<input class="input100"
type="text" name="c2" >

 </td>

</tr>

<tr>

<td class="td1">Course 3 :

<input class="input100"
type="text" name="c3" >

 </td>

</tr>

<tr>

<td class="td1">Course 4 :

<input class="input100"
type="text" name="c4" >

 </td>

</tr>

<tr>

<td class="td1">Course 5 :

<input class="input100"
type="text" name="c5" >

 </td>

</tr>

<tr>

<td class="td1">Course 6 :

<input class="input100"
type="text" name="c6"

> </td>

<tr>
 Enter your soft skills (such as leadership skills, management skills) : || | <tr> |
 Soft Skills 1:

<input class="input100" type="text" name="ss1" > |

 </td>

| <tr> |
 Soft Skills 2: |

 </td>

| | <tr> |
 Soft Skills 3: |

 </td>

| |
| | |

```

        <td class="td1"><b> Enter your technical skills (such as java ,
        python) : </b><br><br></td>

</tr>

<tr>

        <td class="td1"> Technical Skills 1:<br><br><input
        class="input100" type="text" name="ts1" >

        <span class="focus-input100"></span>&nbsp;&nbsp;&nbsp;</td>

</tr>

<tr>

        <td class="td1"> Technical Skills 2:<br><br><input
        class="input100" type="text" name="ts2" >

        <span class="focus-input100"></span>&nbsp;&nbsp;&nbsp;</td>

</tr>

<tr>

        <td class="td1"> Technical Skills 3:<br><br><input
        class="input100" type="text" name="ts3" >

        <span class="focus-input100"></span>&nbsp;&nbsp;&nbsp;</td>

</tr>

<tr>

        <td class="td1"> Technical Skills 4:<br><br><input
        class="input100" type="text" name="ts4" >

        <span class="focus-input100"></span>&nbsp;&nbsp;&nbsp;</td>

</tr>

<tr>

        <td class="td1"> Technical Skills 5:<br><br><input
        class="input100" type="text" name="ts5" >

```

```

        <span class="focus-input100"></span>&nbsp;&nbsp;</td>
    </tr>
    <tr>
        <td class="td1" ><b> Enter your area of interests to work
        (Such as DBA, NA):</td>
    </tr>
    <tr><td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td></tr>
    <tr>
        <td class="td1"> Interests 1:<br><br><input class="input100"
        type="text" name="i1" >
        <span class="focus-input100"></span>&nbsp;&nbsp;</td>
    </tr>
    <tr>
        <td class="td1"> Interests 2:<br><br><input class="input100"
        type="text" name="i2" >
        <span class="focus-input100"></span>&nbsp;&nbsp;</td>
    </tr>
    <tr>
        <td class="td1"> Interests 3:<br><br><input class="input100"
        type="text" name="i3" >
        <span class="focus-input100"></span>&nbsp;&nbsp;</td>
    </tr>
    <tr>
        <td class="td1"> Interests 4:<br><br><input class="input100"
        type="text" name="i4" >

```

```

        <span class="focus-input100"></span>&nbsp;&nbsp;</td>

    </tr>

    <tr>

        <td class="container-login100-form-btn"><input type="submit"
        value="Submit" name="sub" class="login100-form-btn"
        onmouseover="valid();" formaction="fuzzy_insert.jsp"
        >&nbsp;&nbsp;&nbsp;</td>

        <input type="reset" value="Reset" name="res" class="login100-
        form-btn"></td>

    </tr>

</table>

</form>

</div>

</div>

</div>

<script src="vendor/jquery/jquery-3.2.1.min.js"></script>

<script src="vendor/bootstrap/js/popper.js"></script>

<script src="vendor/bootstrap/js/bootstrap.min.js"></script>

<script src="vendor/select2/select2.min.js"></script>

<script src="vendor/tilt/tilt.jquery.min.js"></script>

<script src="js/main.js"></script>

<script >

    $('<div>js-tilt</div>').tilt({

        scale: 1.1
    });

```

```
        })  
    </script>  
  
</body>  
  
</html>
```

9.29 Fuzzy insert

```
<% @page contentType="text/html" pageEncoding="UTF-8"%>  
  
<% @page import="java.sql.*"%>  
  
<% @page import="java.sql.DriverManager"%>  
  
<% @page import="java.io.*"%>  
  
<!DOCTYPE html>  
  
<html>  
  
<head>  
  
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">  
  
    <title>JSP Page</title>  
  
</head>  
  
<body>  
  
    <h1>Hello World!</h1>  
  
    <%  
  
        int i = 0;  
  
        Class.forName("com.mysql.jdbc.Driver");  
  
        String jobids = request.getParameter("jobid");  
  
        String tss = request.getParameter("ts");
```



```
Float tsss = Float.parseFloat(tss);

String branches = request.getParameter("branch");

String sems = request.getParameter("sem");

Long semss = Long.parseLong(sems);

String eds = request.getParameter("ed");

Long edss = Long.parseLong(eds);

String wes = request.getParameter("we");

Long wess = Long.parseLong(wes);

String c1 = request.getParameter("c1");

String c2 = request.getParameter("c2");

String c3 = request.getParameter("c3");

String c4 = request.getParameter("c4");

String c5 = request.getParameter("c5");

String c6 = request.getParameter("c6");

String ss1 = request.getParameter("ss1");

String ss2 = request.getParameter("ss2");

String ss3 = request.getParameter("ss3");

String ts1 = request.getParameter("ts1");

String ts2 = request.getParameter("ts2");

String ts3 = request.getParameter("ts3");

String ts4 = request.getParameter("ts4");

String ts5 = request.getParameter("ts5");

String i1 = request.getParameter("i1");
```

```

String i2 = request.getParameter("i2");

String i3 = request.getParameter("i3");

String i4 = request.getParameter("i4");


Connection a = DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza",
"root", "root");

PreparedStatement ps = a.prepareStatement("select * from education_req where
jobid=?");

ps.setString(1, jobids);

ResultSet rs;

rs = ps.executeQuery();

while (rs.next())

{

    i++;

}

if (i > 0)

{

    out.print("Job ID already exists");

}

if (i == 0)

{

    PreparedStatement ps1 = a.prepareStatement("insert into education_req
values(?,?,?,?,?,?)");

    ps1.setString(1, jobids);

```

```

ps1.setFloat(2, tsss);

ps1.setString(3, branches);

ps1.setLong(4, semss);

ps1.setLong(5, edss);

ps1.setLong(6, wess);

ps1.executeUpdate();

PreparedStatement ps2 = a.prepareStatement("insert into
achievement_req(jobid,description) values (?,?)");

if (c1.isEmpty() == false)
{
    ps2.setString(1, jobids);
    ps2.setString(2, c1);
    ps2.executeUpdate();
}

if (c2.isEmpty() == false)
{
    ps2.setString(1, jobids);
    ps2.setString(2, c2);
    ps2.executeUpdate();
}

if (c3.isEmpty() == false)
{
    ps2.setString(1, jobids);
    ps2.setString(2, c3);

```

```

        ps2.executeUpdate();
    }
    if (c4.isEmpty() == false)
    {
        ps2.setString(1, jobids);
        ps2.setString(2, c4);
        ps2.executeUpdate();
    }
    if (c5.isEmpty() == false)
    {
        ps2.setString(1, jobids);
        ps2.setString(2, c5);
        ps2.executeUpdate();
    }
    if (c6.isEmpty() == false)
    {
        ps2.setString(1, jobids);
        ps2.setString(2, c6);
        ps2.executeUpdate();
    }
    PreparedStatement ps3 = a.prepareStatement("insert into  skills_req(jobid,description)
    values (?,?)");

```

```
if (ss1.isEmpty() == false)
{
    ps3.setString(1, jobids);
    ps3.setString(2, ss1);
    ps3.executeUpdate();
}
if (ss2.isEmpty() == false)
{
    ps3.setString(1, jobids);
    ps3.setString(2, ss2);
    ps3.executeUpdate();
}
if (ss3.isEmpty() == false)
{
    ps3.setString(1, jobids);
    ps3.setString(2, ss3);
    ps3.executeUpdate();
}
if (ts1.isEmpty() == false)
{
    ps3.setString(1, jobids);
    ps3.setString(2, ts1);
    ps3.executeUpdate();
}
```

```
}  
  
if (ts2.isEmpty() == false)  
{  
  
    ps3.setString(1, jobids);  
    ps3.setString(2, ts2);  
    ps3.executeUpdate();  
}  
  
if (ts3.isEmpty() == false)  
{  
  
    ps3.setString(1, jobids);  
    ps3.setString(2, ts3);  
    ps3.executeUpdate();  
}  
  
if (ts4.isEmpty() == false)  
{  
  
    ps3.setString(1, jobids);  
    ps3.setString(2, ts4);  
    ps3.executeUpdate();  
}  
  
if (ts5.isEmpty() == false)  
{  
  
    ps3.setString(1, jobids);
```

```
        ps3.setString(2, ts5);

        ps3.executeUpdate();

    }

    PreparedStatement ps4 = a.prepareStatement("insert into
interests_req(jobid,description) values (?,?)");

    if (i1.isEmpty() == false)
    {

        ps4.setString(1, jobids);

        ps4.setString(2, i1);

        ps4.executeUpdate();

    }

    if (i2.isEmpty() == false)
    {

        ps4.setString(1, jobids);

        ps4.setString(2, i2);

        ps4.executeUpdate();

    }

    if (i3.isEmpty() == false)
    {

        ps4.setString(1, jobids);

        ps4.setString(2, i3);

        ps4.executeUpdate();

    }
```

```

        if (i4.isEmpty() == false)
        {
            ps4.setString(1, jobids);
            ps4.setString(2, i4);
            ps4.executeUpdate();
        }
    }
    response.sendRedirect("recruitor_home.jsp");

    %>
</body>
</html>

```

9.30 **Fuzzy**

```

<% @page contentType="text/html" pageEncoding="UTF-8"%>
<% @page import="java.sql.DriverManager"%>
<% @page import="java.sql.*"%>
<% @page import="fuzzy4j.flc.ControllerBuilder" %>
<% @page import="fuzzy4j.flc.FLC"%>
<% @page import="fuzzy4j.flc.InputInstance"%>
<% @page import="fuzzy4j.flc.Term"%>
<% @page import="static fuzzy4j.flc.Term.term"%>
<% @page import="fuzzy4j.flc.Variable"%>
<% @page import="static fuzzy4j.flc.Variable.input"%>

```



```
<% @page import="static fuzzy4j.flc.Variable.output"%>
```

```
<% @page import="fuzzy4j.flc.defuzzify.Bisector"%>
```

```
<% @page import="java.util.Map"%>
```

```
<% @page import="java.util.*"%>
```

```
<%
```

```
    double s;
```

```
    Map<Variable, Double> crisp = null;
```

```
    Term t1 = term("me", 0, 5, 10);
```

```
    Term t2 = term("vhe", 0, 10, 20);
```

```
    Term t3 = term("he", 10, 20, 30);
```

```
    Term t4 = term("ve", 20, 30, 40);
```

```
    Term t5 = term("e", 30, 40, 50);
```

```
    Term t6 = term("m", 40, 50, 60);
```

```
    Term t7 = term("le", 50, 60, 70);
```

```
    Term t8 = term("vle", 60, 70, 80);
```

```
    Term t9 = term("hle", 70, 80, 90);
```

```
    Term t10 = term("vhe", 80, 90, 100);
```

```
    Term t11 = term("le", 90, 95, 100);
```

```
    Variable diff = input("diff", t1, t2, t3, t4, t5, t6, t7, t8, t9, t10, t11).start(0).end(100);
```

```
    Term to1 = term("ome", 90, 95, 100);
```

```
    Term to2 = term("ovhe", 80, 90, 100);
```

```
    Term to3 = term("ohe", 70, 80, 90);
```

```

Term to4 = term("ove", 60, 70, 80);

Term to5 = term("oe", 50, 60, 70);

Term to6 = term("om", 40, 50, 60);

Term to7 = term("ole", 30, 40, 50);

Term to8 = term("ovle", 20, 30, 40);

Term to9 = term("ohle", 10, 20, 30);

Term to10 = term("ovhe", 0, 10, 20);

Term to11 = term("ole", 0, 5, 10);

Variable per = output("per", to1, to2, to3, to4, to5, to6, to7, to8, to9, to10,
to11).start(0).end(100);

FLC impl;

impl = ControllerBuilder.newBuilder()

    .when().var(diff).is(t1).then().var(per).is(to1)

    .when().var(diff).is(t2).then().var(per).is(to2)

    .when().var(diff).is(t3).then().var(per).is(to3)

    .when().var(diff).is(t4).then().var(per).is(to4)

    .when().var(diff).is(t5).then().var(per).is(to5)

    .when().var(diff).is(t6).then().var(per).is(to6)

    .when().var(diff).is(t7).then().var(per).is(to7)

    .when().var(diff).is(t8).then().var(per).is(to8)

    .when().var(diff).is(t9).then().var(per).is(to9)

    .when().var(diff).is(t10).then().var(per).is(to10)

    .when().var(diff).is(t11).then().var(per).is(to11)

    .defuzzifier(new Bisector())

```

```

        .create();

String jobid = request.getParameter("jid");

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

float countin = 5, match = 0, perdiff;

String b = " ";

Long sid;

Connection c = DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza",
"root", "root");

PreparedStatement ps = c.prepareStatement("Select * from achievement_req where
jobid=?");

ps.setInt(1, Integer.parseInt(jobid));

ResultSet rs;

rs = ps.executeQuery();

while (rs.next())

{

    countin = countin + 1;

}

ps = c.prepareStatement("Select * from interests_req where jobid=?");

ps.setInt(1, Integer.parseInt(jobid));

rs = ps.executeQuery();

while (rs.next())

{

    countin = countin + 1;

```

```

    }

    ps = c.prepareStatement("Select * from skills_req where jobid=?");
    ps.setInt(1, Integer.parseInt(jobid));
    rs = ps.executeQuery();
    while (rs.next())
    {
        countin = countin + 1;
    }

    ps = c.prepareStatement("Select * from education_req where jobid=?");
    ps.setInt(1, Integer.parseInt(jobid));
    rs = ps.executeQuery();
    if (rs.next())
    {
        b = rs.getString("branch");
    }

    PreparedStatement p = c.prepareStatement("select *from education where branch=?");
    p.setString(1, b);
    ResultSet rs1 = p.executeQuery();
    while (rs1.next())
    {
        ps = c.prepareStatement("Select * from education_req where jobid=?");
        ps.setInt(1, Integer.parseInt(jobid));
        rs = ps.executeQuery();

```

```
if (rs.next())
{
    if (rs1.getInt("tenth_score") >= rs.getInt("tenth_score")) {
        match += 1;
    }
    if (rs1.getInt("avg_score") >= rs.getInt("avg_score"))
    {
        match = match + 1;
    }
    if (rs1.getInt("semester") >= rs.getInt("semester"))
    {
        match = match + 1;
    }
    if (rs1.getString("branch").equals(rs.getString("branch")))
    {
        match = match + 1;
    }
    if (rs1.getInt("work_duration") > rs.getInt("work_duration"))
    {
        match = match + 1;
    }
    else
    {

```

```

        match = match + ((float) rs1.getInt("work_duration") /
rs.getInt("work_duration"));

    }

}

sid = rs1.getLong("sap_id");

PreparedStatement p2 = c.prepareStatement("select *from achievement where
sap_id=?");

p2.setLong(1, sid);

ResultSet rs2 = p2.executeQuery();

PreparedStatement p3;

ResultSet rs3;

while (rs2.next())
{

    p3 = c.prepareStatement("select *from achievement_req where jobid=?");

    p3.setInt(1, Integer.parseInt(jobid));

    rs3 = p3.executeQuery();

    while (rs3.next())

    {

        if (rs2.getString("description").equals(rs3.getString("description")))

        {

            match = match + 1;

        }

    }

}
}

```

```

p2 = c.prepareStatement("select *from interests where sap_id=?");
p2.setLong(1, sid);
rs2 = p2.executeQuery();
while (rs2.next())
{
    p3 = c.prepareStatement("select *from interests_req where jobid=?");
    p3.setInt(1, Integer.parseInt(jobid));
    rs3 = p3.executeQuery();
    while (rs3.next())
    {
        if (rs2.getString("description").equals(rs3.getString("description")))
        {
            match = match + 1;
        }
    }
}

p2 = c.prepareStatement("select *from skills where sap_id=?");
p2.setLong(1, sid);
rs2 = p2.executeQuery();
while (rs2.next())
{
    p3 = c.prepareStatement("select *from skills_req where jobid=?");
    p3.setInt(1, Integer.parseInt(jobid));

```

```

        rs3 = p3.executeQuery();

        while (rs3.next())
        {
            if (rs2.getString("description").equals(rs3.getString("description")))
            {
                match = match + 1;
            }
        }

    }

    perdiff = ((countin - match) / countin) * 100;
    match = 0;

    InputInstance instance = new InputInstance().is(diff, perdiff);
    crisp = impl.apply(instance);
    s = crisp.values().iterator().next();

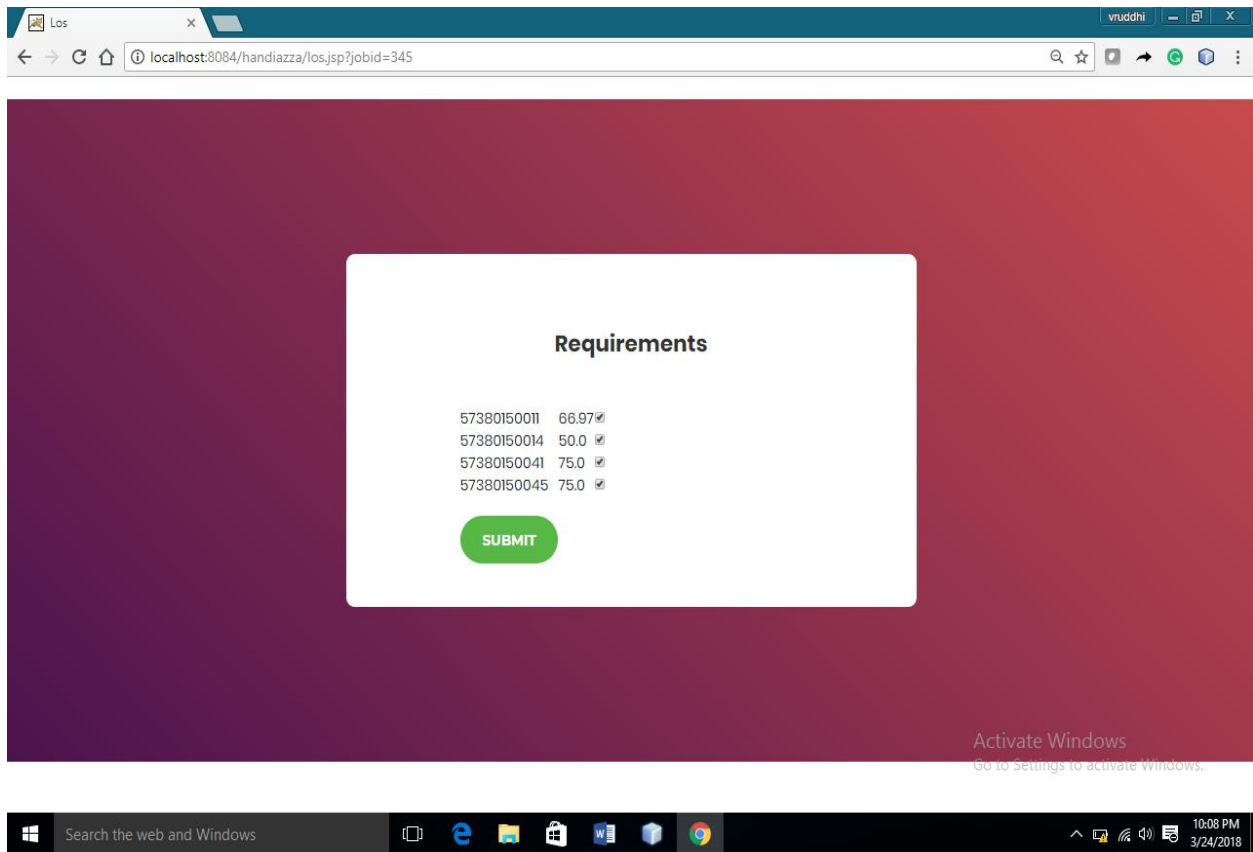
    p2 = c.prepareStatement("insert into filtered_students(sap_id,job_id,percentage)
    values(?,?,?)");
    p2.setLong(1, sid);
    p2.setInt(2, Integer.parseInt(jobid));
    p2.setDouble(3, s);
    p2.executeUpdate();
}

response.sendRedirect("recruitor_home.jsp");

%>

```


9.31 List of students



```
<% @page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<% @page import="java.sql.*"%>
```

```
<% @page import="java.sql.DriverManager"%>
```

```
<% @page import="java.io.*"%>
```

```
<%
```

```
String[] los;
```

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

```
Connection a = DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza",  
"root", "root");
```

```

PreparedStatement ps1 = a.prepareStatement("insert into notify_los(jobid,sap_id)
values(?,?)");

int j = (int) session.getAttribute("job");

los = request.getParameterValues("checkbox");

if (los != null)
{
    for (int i = 0; i < los.length; i++)
    {
        ps1.setInt(1, j);
        ps1.setString(2, los[i]);
        ps1.executeUpdate();
    }
}

response.sendRedirect("recruitor_home.jsp");

%>

```

9.32 List Of Students Generation

```

<% @page contentType="text/html" pageEncoding="UTF-8"%>

<% @page import="java.sql.*"%>

<% @page import="java.sql.DriverManager"%>

<% @page import="java.io.*"%>

<!DOCTYPE html>

<html lang="en">

<head>

```

```

<title>Login V1</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="icon" type="image/png" href="images/icons/favicon.ico"/>

<link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">

<link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-
awesome.min.css">

<link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">

<link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">

<link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">

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

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

</head>

<body>

    <div class="limiter">

        <div class="container-login100">

            <div class="wrap-login100">

                <form class="login100-form validate-form" method="POST"
                action="list_of_students.jsp" >

                    <span class="login100-form-title">

                        Requirements

                    </span>

                    <table >

```

```
<%  
Class.forName("com.mysql.jdbc.Driver");  
  
Connection a =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/handiazza","r  
oot", "root");  
  
PreparedStatement ps1 = a.prepareStatement("select * from  
filtered_students where job_id=?");  
  
String j = request.getParameter("jobid");  
  
int jid = Integer.parseInt(j);  
  
session.setAttribute("job", jid);  
  
ps1.setInt(1, jid);  
  
ResultSet rs;  
  
rs = ps1.executeQuery();  
  
while (rs.next())  
{ %>  
  
<tr>  
  
    <td class="td1"><%=rs.getString("sap_id")%></td>  
  
    <td class="td2"><%=rs.getDouble("percentage")%></td>  
  
    <td><input class="td2" type="checkbox" name="checkbox"  
value=" <%=rs.getString("sap_id")%>" checked="no"  
>&nbsp;&nbsp; &nbsp; &nbsp;</td>  
  
</tr>  
  
<% } %>  
  
<tr>  
  
    <td class="container-login100-form-btn"><input type="submit"  
value="Submit" name="sub" class="login100-form-btn"></td>
```

```

        </tr>

    </table>

</form>

</div>

</div>

</div>

<script src="vendor/jquery/jquery-3.2.1.min.js"></script>

<script src="vendor/bootstrap/js/popper.js"></script>

<script src="vendor/bootstrap/js/bootstrap.min.js"></script>

<script src="vendor/select2/select2.min.js"></script>

<script src="vendor/tilt/tilt.jquery.min.js"></script>

<script src="js/main.js"></script>

<script >

    $('js-tilt').tilt({

        scale: 1.1

    })

</script>

</body>

</html>

```

9.33 Destroy session

```

<% @page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

```

```
<head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

    <title>JSP Page</title>

</head>

<body>

<%

    session.invalidate();

    response.sendRedirect("login.jsp");

%>

</body>

</html>
```

10.DATABASE SCHEMA

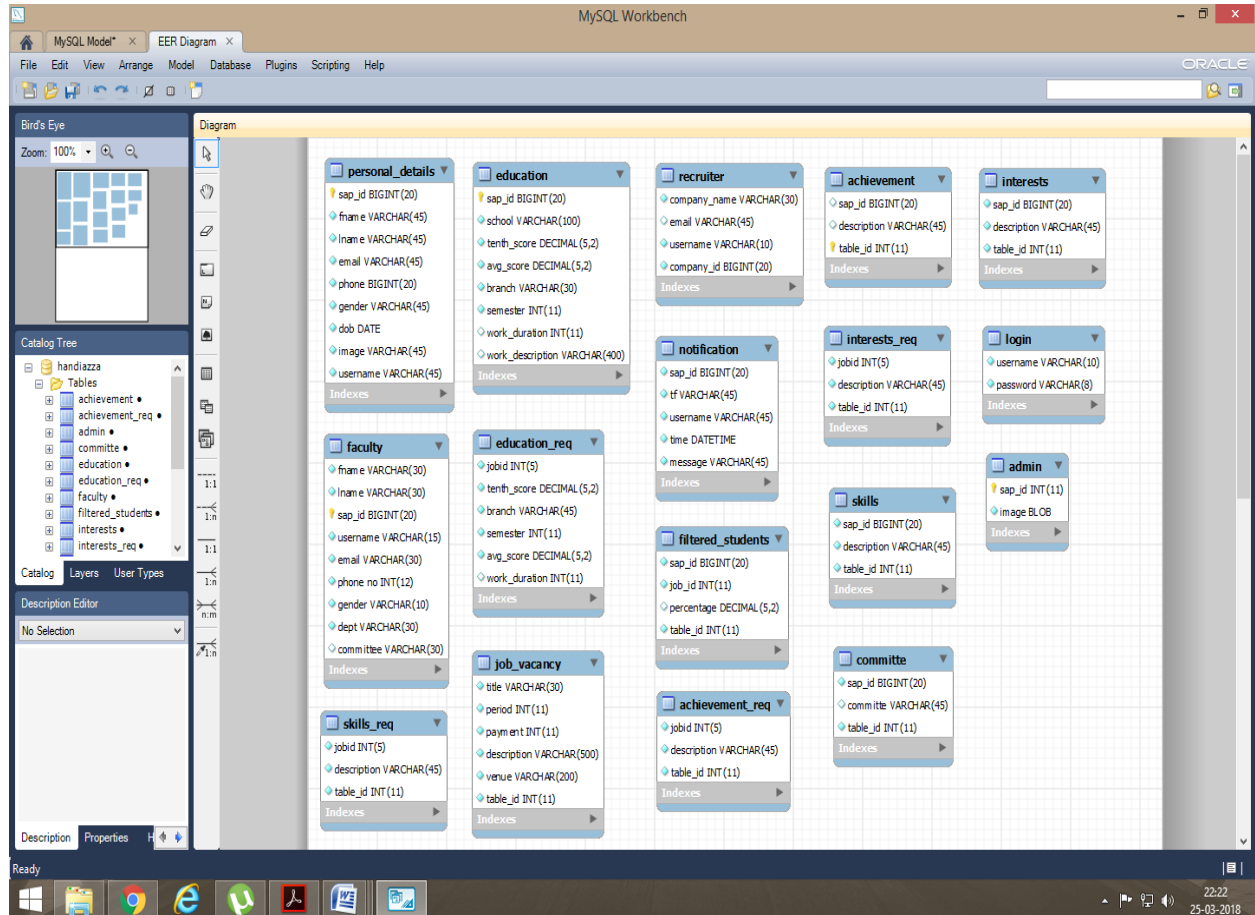
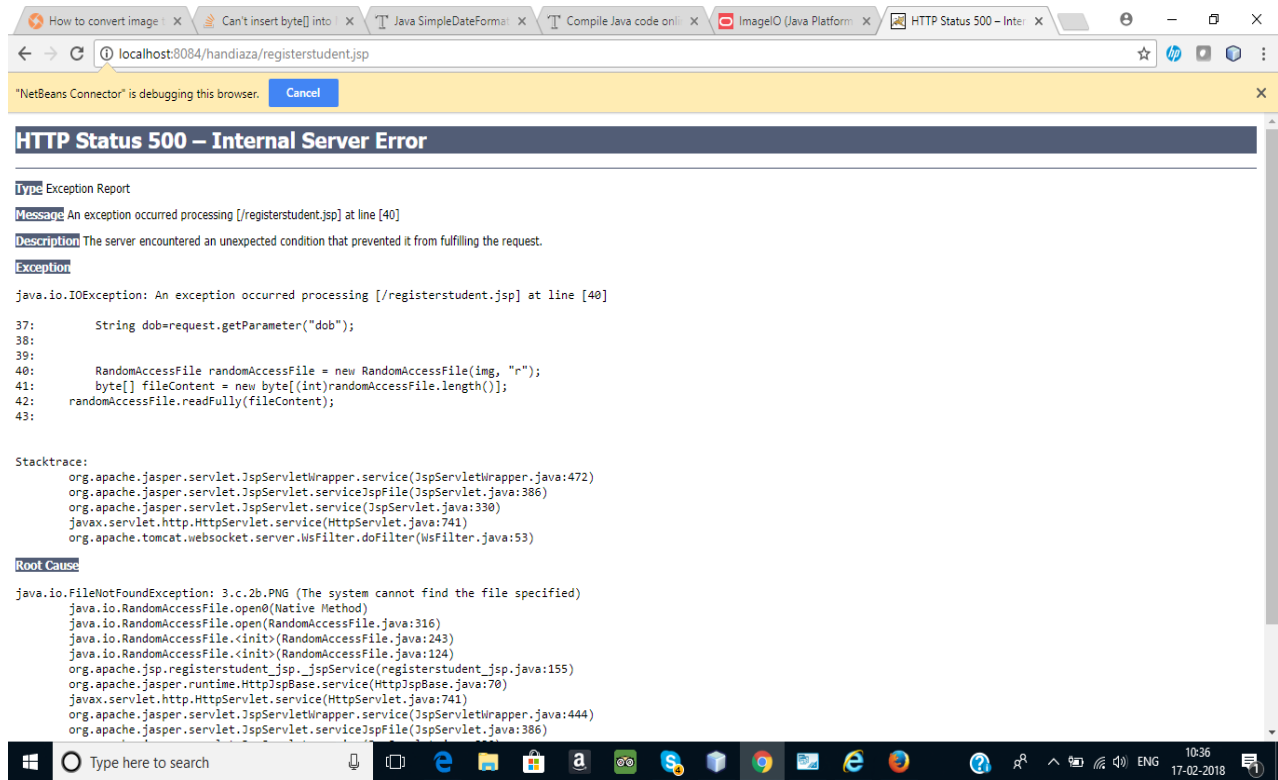


Figure 10.1 Database Schema

11.ERRORS ENCOUNTERED



Name: System cannot find the file specified.

Type of error: It is a runtime exception.

Error Specification: It occurs when a form element that is of the type “file” could not be uploaded to the server.

Cause: The cause of such type of errors is any alteration of the file name selected

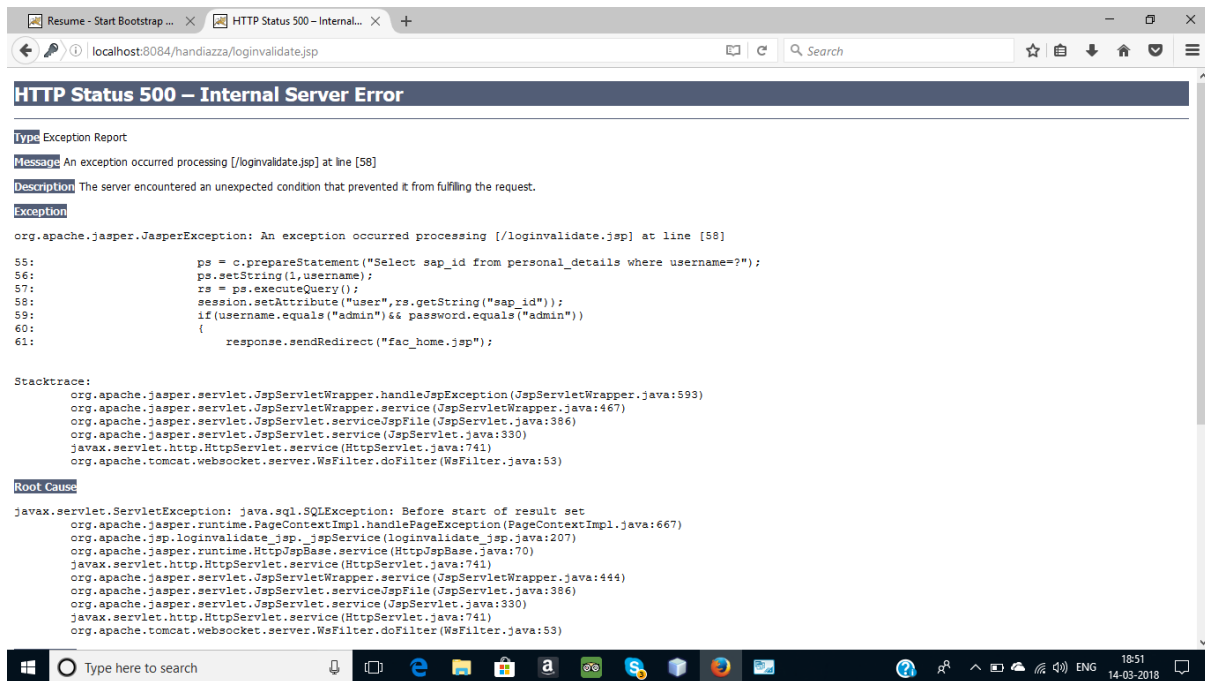


Name: No multi part configuration provided.

Type of error: It is a runtime exception

Error Specification: Such kinds of errors when the server cannot find any configuration of multipart forms.

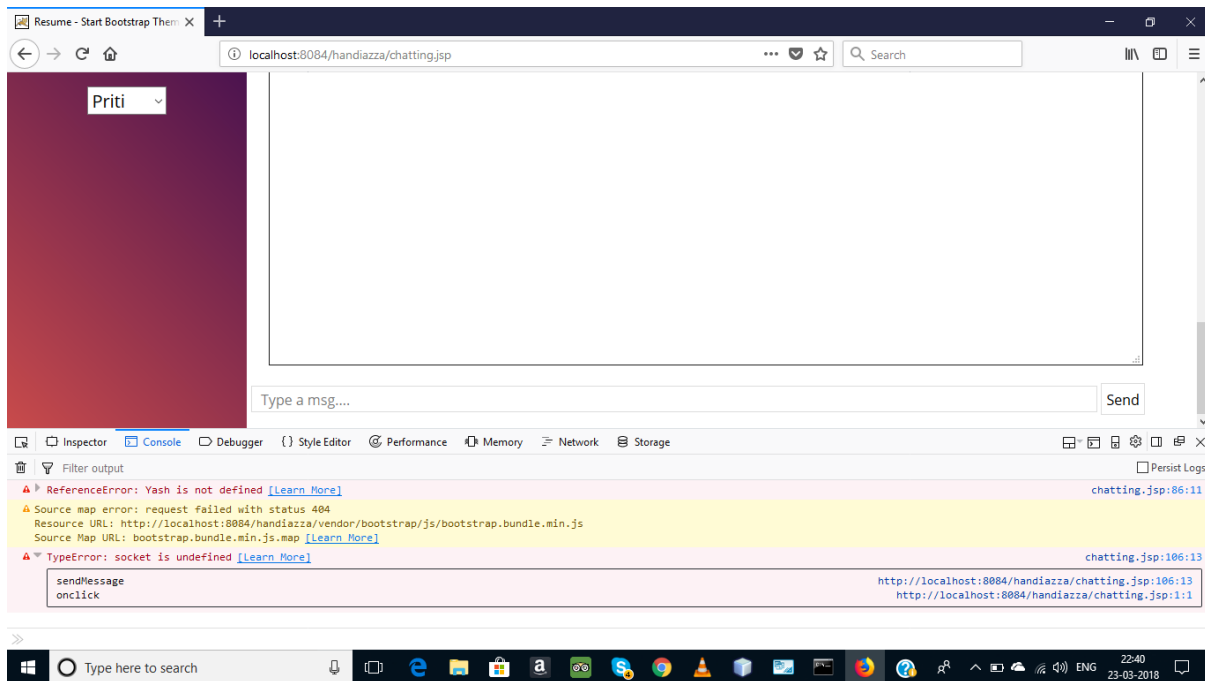
Cause: The cause of such error is when the “enctype” attribute of the form attribute is not set.



Name: No iterator for Result Set

Type of error: It is a logical Error

Cause: It is caused when the Result set is not iterated before it is used to retrieve value from the result of the executed query



Name: Socket undefined

Type of error: It is a connection error

Error Specification: It happens when the client cannot establish a connection with the server in Node.js

Cause: It is caused when there is some mistake in the client package file of the Socket.io library

12.FUTURE SCOPE

Since old age, man is always trying to gain more and more luxurious. Man is always trying to develop more and more modified technique with increasing the aesthetic look and economic consideration. Hence there is always more and more scope. Here, we are hosting our website on the local server (all the users should be connected to the same LAN). Our further improvements would be to provide remote access to users so that they can access the website from anywhere provided they enter correct login details.

The next step would be to introduce an admin which will verify the details of all users (student, faculty or recruiter). If a new user wants to register, his/her account is created only once after it is verified by the admin.

13. CONCLUSION

Handiazza is a web application which provides recruiter a platform to take interview and recruit only those students who meet their requirements instead of interviewing all the students using fuzzy logic. It also serves as a chatting environment for students and faculties for query-solving using web socket and node js.

This project has imparted us the knowledge of jsp, web socket, node js, database management and web technology. The project was a result of a series of failures, which were later rectified and debugged and led to success.

14.REFERENCES

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15.ABOUT US

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