



LOYOLA INSTITUTE OF TECHNOLOGY, CHENNAI ANNA UNIVERSITY:: CHENNAI – 600025

PROJECT TITLE: SKILL/JOB RECOMMENDER APPLICATION A NALAIYA THIRAN PROJECT REPORT SUBMITTED BY

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1.INTRODUCTION

Nowadays, job search is a task commonly done on the Internet using job search engine sites like LinkedIn1, Indeed2, and others. Commonly, a job seeker has two ways to search a job using these sites:

- 1) doing a query based on keywords related to the job vacancy that he/she is looking for,
- 2) creating and/or updating a professional profile containing data related to his/her education, professional experience, professional skills and other, and receive personalized job recommendations based on this data. Sites providing support to the former case are more popular and have a simpler structure; however, their recommendations are less accurate than those of the sites using profile data. Personalized job recommendation sites implemented a variety of types of recommender systems, such as content-based filtering, collaborative filtering, knowledge-based and hybrid approaches

1.1Project overview

This Project view provides an overview of the skill and job recommended for individuals interested in a career in any fields. It discusses the important role that any field plays in businesses and the various skills that are necessary for success in this field. It also outlines the different job opportunities available in any field and the different types of companies that employ any field professionals.

1.1 Purpose

Having lots of skills but wondering which job willbest suit you? Don't need to worry! we have come up with a skill recommender solution through which the fresher or the skilled person can login and find the jobs by using search option or they can directly interact with the chatbot and get their dream job.

To develop an end to end web application capable of displaying the current job openings based on the skillset of the users. The users and their information are stored in the Database. An alert is sent when there is an opening based on the user skillset. User will interact with the chatbot and can get the recommendations based on his skills. We can use jobsearch API to get the current job openings in the market which will fetch the data directly from the webpage.

2. LITERATURE SURVEY

2.1 Existing problem

- 1. Students/Job seekers find their desired job based on their skillset.
- 2. Integrating Intelligent CHATBOT for job recommendation application.
- 3. A study of LinkedIn as an Employment Tool for Job seeker & Recruiter.
 - 4. Cloud storage and sharing services.

2.2 References

References link:

- 1. https://www.researchgate.net/publication/272802616 A survey of job recommender systems
- 2. https://www.researchgate.net/publication/360820692 Intelligent Chatbot
- 3. Journal homepage: http://www.ijrpr.com/ ISSN 2582-7421
- 4. https://www.ijresm.com/

2.3 Problem Statement Definition

Dealing with the enormous amount of recruiting information on the internet, a job seeker always spends hours to find useful ones. Many times, people who lack industry knowledge are unclear about what exactly they need to learn in order to get a suitable job for them. We address the problem of recommending suitable jobs to people who are seeking a new job.

Job recommender technology aims to help job seekers in finding jobs that match their skills.

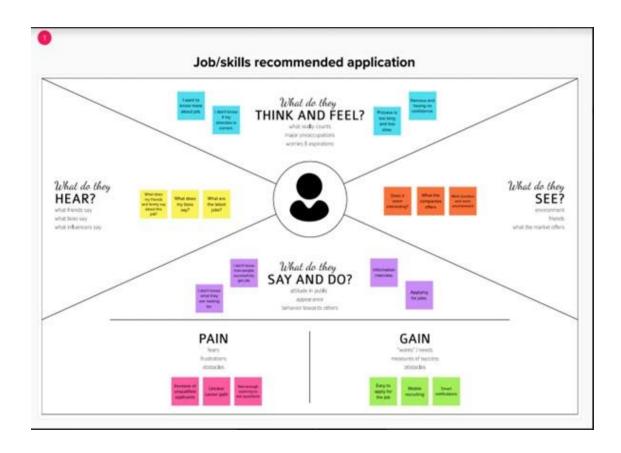
The internet caused a substantial impact on the recruitment process through the creation of e-recruiting platforms that become a primary recruitment channel in most companies. While companies established job positions on these portals, job-seeker uses them to publish their profiles. E-Recruitment platforms accomplished clear advantages for both recruiters and job-seekers by reducing the recruitment time and advertisement cost

.Recommender system technology aims to help users in finding items that match their preferences; it has a successful usage in a wide-range of applications to deal with problems related to information overload efficiently. In order to improve the e-recruiting functionality, many

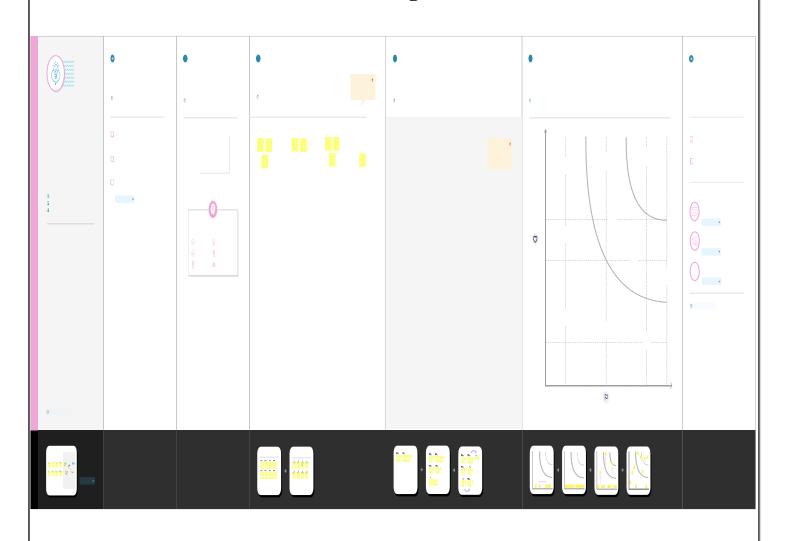
recommender system approaches have been proposed. This paper will analyze e-recruiting process and related issues for building personalized recommender system of candidates.

3. IDEATION & PROPOSED SOLUTION

3.1 Empathy Map Canvas



3.2 Ideation and Brain storming



3.3 Proposed Solution

Team ID

PROJECT NAME

PNT2022TMID25734

SKILL & JOB RECOMMENDER

S.NO

PARAMETER

Problem Statement (Problem to be

1. solved

Idea/solution
2.
description

DESCRIPTION

Nowadays a lot of students have great skills but unable to get a desired/appropriate job, so an end-to-end web application can be created which is capable of displaying current job openings based on user skill set making it easier to hire and get hired.

To develop an end-to-end web application which in default have a lot of current job openings through job search API out of which appropriate job will be recommended based on user skill set. At the same time students can develop their skills side by side with various courses and webinars offered by reputed organization. In addition to this a smart chat bot will be available for 24*7 which can help users in finding the right job.

Though we have a lot of job searching applications, this one is unique because,

❖ We have a smart chatbot built with IBM Watson 3. Novelty/Uniqueness

4. Social Impact/
Customer
Satisfaction

- 5.
 Business Model
 (Revenue Model)
 - Scalability of the
- Solution

- Our platform not only helps in getting job but also helps in developing skills to get right job
- ❖ Here you can save/bookmark jobs for later use and also turn on notification for company specific job alerts
- Add media files to your profile to showcase your achievements
- ❖ It is made responsive to all screen sizes

Students will be benefited as they will get to know which job suits them based on their skill set and therefore Lack of Unemployment can be reduced.

We can provide the application for job seekers in a subscription based and we can share the profiles with companies and generate the revenue by providing them best profiles.

Data can be scaled up and scaled down according to number of current job openings available.

3.4 Problem Solution Fit

1) Jobless people 2) New college grads	6.CUSTOMER CONSTRAINTS For the website to operate as intended, basic needs such an internet connection and laptop are required.	5.AVAILABLE SOLUTIONS Earlier, job seekers used TV adverts and paper columns, as a result of the expanding digital world,the use of suggestion websites.	
2.JOBS-TO-BE- DONE/PROBLEM Make some work recommender site with an inbuilt chatbot help	9.PROBLEM ROOT CAUSE The vast majority don't know about their positions accessible in the market/sites	7.BEHAVIOURS The users attempt to first analyse job searches on websites, papers, and adverts depending on their requirements.	
3.TRIGGERS Seeing other find a new line of work 4.EMOTIONS:BEFORE/AFTER User will be satisfied with the services and higher possibility of job offer	10.YOUR SOLUTION To build a platform that helps freshersand under graduates to get a job	8.CHANNELS OF BEHAVIOUR ONLINE: Ready to explore a suitable job based on their skill sets and necessities OFFLINE: Attend interviews on-siteand try and get a job	

1. REQUIREMENT ANALYSIS

1.1.Function Requirement

Software Required:

Python, Flask, Docker

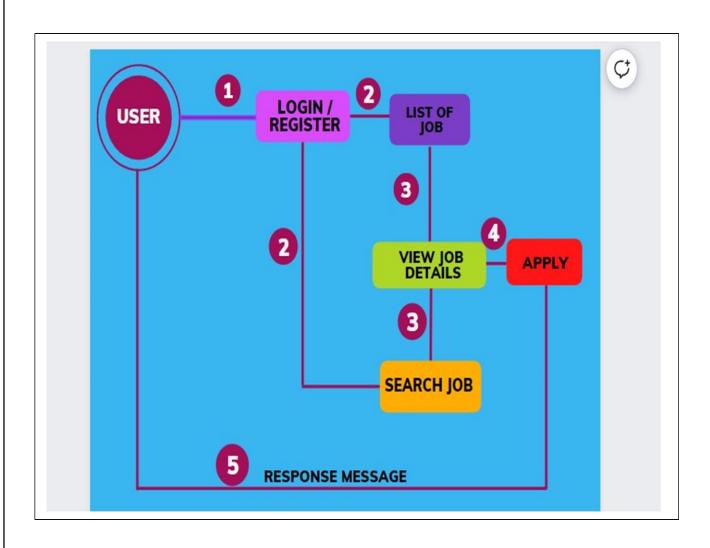
1.2. Non-Function Requirement

System Required:

8GB RAM, Intel Core i3, OS-Windows/Linux/MAC, Laptop or Desktop

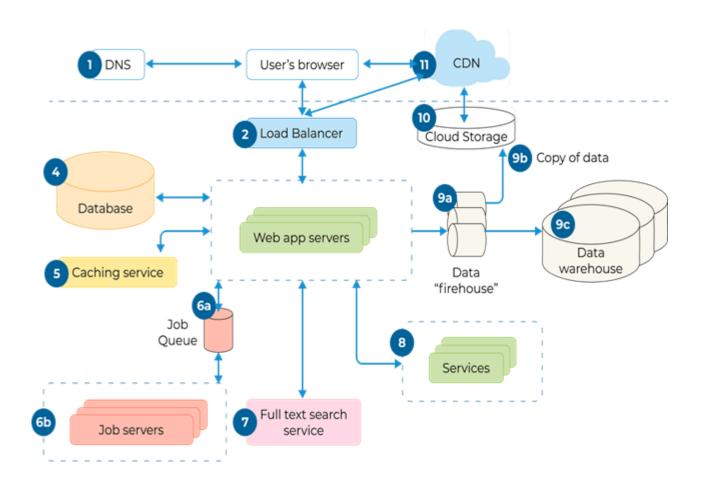
2. PROJECT DESIGN

2.1.Data Flow Diagrams

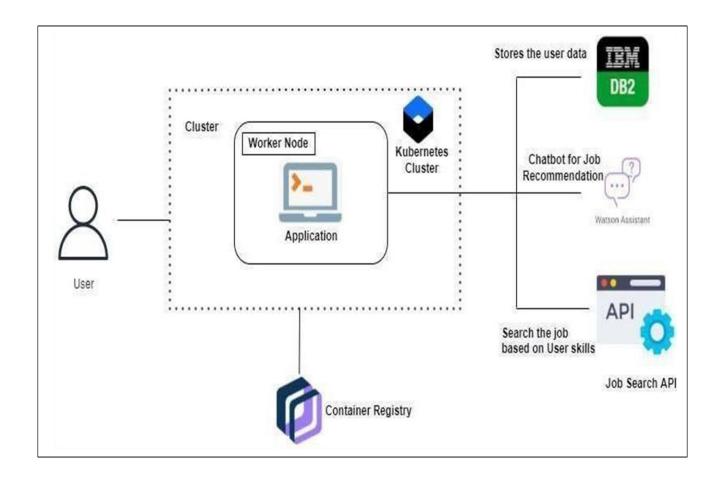


2.2. Solution & Technical Architecture

SOLUTION ARCHITECTURE:



TECHNICAL ARCHITECTURE:



2.3. User Stories

User Type	r Type Functional User Story User Story / Task Requirement Number (Epic)		Acceptance criteria	Priority	Release	
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can receive confirmation email & click confirm	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access my account / dashboard	High	Sprint-1
	Dashboard	USN-6	Create a model set that contains those models, then assign it to a role.	Assign that group to the appropriate roles on the Roles page	High	Sprint-1
Customer (Web user)	Identity-Aware	USN-7	Open, public access, User-authenticated access, Employee-restricted access. App running on the company intranet. App with access to customer private information.		High	Sprint-1
Customer Care Executive	Communication	USN-8	A customer care executive is a professional responsible for communicating the how's and why's regarding service expectations within a company.		Medium	Sprint-1
Administrator	Device management	USN-9	You can Delete/Disable/Enable devices in Azure Active Directory but you cannot Add/Remove Users in the directory.	Ease of use.	Medium	Sprint-1

3. PROJECT PLANNING & SCHEDULING

3.1. Sprint Planning & Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Mugesh, Mugilvannan
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Mugilvannan, Jagadish
Sprint-2		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Mohammed Azhar, Jagadish
Sprint-3		USN-4	As a user, I can register for the application through Gmail	I can receive confirmation email & click confirm	Medium	Jagadish, Mugesh
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password I can access my account / dashboard		High	Mugesh
Sprint-2	Dashboard	USN-6	Create a model set that contains those models, then assign it to a role.	Assign that group to the appropriate roles on the Roles page	High	Mugilvannan Mugesh
Sprint-4	Identity-Aware	USN-7	Open, public access, User- authenticated access, Employee- restricted access.	Company public website. App running on the company intranet. App with access to customer private information.	High	Mohammed Azhar
Sprint-1	Communication	USN-8	A customer care executive is a professional responsible for communicating the how's and why's regarding service expectations within a company.	For how to tackle customer queries.	Medium	Jagadish
Sprint-3	Device management	USN-9	You can Delete/Disable/Enable devices in Azure Active Directory but you cannot Add/Remove Users in the directory.	Ease of use.	Medium	Mugesh, Mohammed Azhar

3.2. Sprint Delivery Schedule

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	18	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	11 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	19	19 Nov 2022

VELOCITY:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's averagevelocity (AV) per iteration unit (story points per day)

3.3.Report from JIRA

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

4. CODING & SOLUTIONING

4.1. Feature 1

JOB SEEKER

```
<!DOCTYPE html>
<html lang="en">
  <title>Bootstrap Example</title>
 <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
  <style>
   .rus{
       border-radius: 0%
   };
   .black{
     color:black;
</style>
</head>
<nav class="navbar navbar-inverse rus">
    <div class="container-fluid">
     <div class="navbar-header">
       <a class="navbar-brand" href="#">Skill and Job Recommender</a>
     </div>
     <a href="#"><span class="glyphicon glyphicon-log-in"></span> Log
out</a>
```

```
</div>
<div class="container">
 <a data-toggle="tab" href="#home">Profile</a>
   <a data-toggle="tab" href="#menu1">Eligibility Test</a>
   <a data-toggle="tab" href="#menu2">Find Job</a>
 <div class="tab-content">
   <div id="home" class="tab-pane fade in active">
     <h3>PROFILE</h3>
     <hr>>
     <form>
       <div class="alert alert-danger">
       <div class="form-group">
           <label for="name"><span clss="black">Name: </span></label>
           <input type="text" class="form-control" id="name" value="Mahadevan">
         </div>
         <div class="form-group">
           <label for="email"><span class="black">Email Address </span></label>
           <input type="text" class="form-control" id="email"</pre>
value="Mahadevan@gmaiil.com">
         </div>
         <div class="form-group">
           <label for="email"><span class="black">Mobile No </span></label>
           <input type="text" class="form-control" id="email" value="9003824096">
         </div>
         <div class="form-group">
           <label for="quali"><span class="black">What is your Nationality
</span></label>
           <input type="text" class="form-control" id="quali" value="India">
         </div>
         <div class="form-group">
           <label for="quali">What is your Qualification</label>
           <input type="text" class="form-control" id="quali" value="BE">
         </div>
```

```
<div class="form-group">
            <label for="quali">What year did you complete your bachelor
Degree?</label>
            <input type="text" class="form-control" id="quali" value="2023">
           </div>
          <div class="form-group">
            <label for="experience">How many years of work experience do you have
?</label>
            <input type="text" class="form-control" id="experience" value="0">
          <div class="form-group">
            <label for="place">Where have you graduated high school degree ?</label>
            <input type="text" class="form-control" id="place" value="Government high</pre>
school Ariyalur">
          </div>
          <div class="form-group">
            <label for="SSLC">What is your SSLC Percentage :</label>
            <input type="text" class="form-control" id="SSLC" value="90">
          </div>
          <div class="form-group">
            <label for="HSC">What is your HSC Percentage :</label>
            <input type="text" class="form-control" id="HSC" value="90">
          </div>
          <div class="form-group">
            <label for="degree">What is your Percentage in bachelor Degree:</label>
            <input type="text" class="form-control" id="degree" value="90.5">
          </div>
          <textarea class="form-control" id="aboutyou" rows="3" placeholder="Write</pre>
few words about yourself"></textarea> <br> <br>
          <button type="submit" class="btn btn-primary btn-success">Save
changes</button> <br> <br>>
          </div>
        </form>
    </div>
```

```
<div id="menu1" class="tab-pane fade">
  <h3>Eligibility Test </h3> <hr>
 <div class="alert alert-info">
    <label>What function is used to display output on the screen?</label>
   <div class="radio">
    <label><input type="radio" name="print">printf()</label>
   </div>
   <div class="radio">
    <label><input type="radio" name="scanf">scanf()</label>
    <div class="radio">
   <label><input type="radio" name="switch">switch</label>
  <div class="alert alert-info">
    <label>What function is used to display output on the screen?</label>
   <div class="radio">
    <label><input type="radio" name="print">printf()</label>
    <div class="radio">
    <label><input type="radio" name="scanf">scanf()</label>
   </div>
   <div class="radio">
   <label><input type="radio" name="switch">switch</label>
   </div>
  </div> <hr>
 <div class="alert alert-info">
    <label>What function is used to display output on the screen?</label>
    <div class="radio">
   <label><input type="radio" name="print">printf()</label>
    <div class="radio">
    <label><input type="radio" name="scanf">scanf()</label>
   </div>
   <div class="radio">
    <label><input type="radio" name="switch">switch</label>
   </div>
  </div> <hr>
```

```
<div class="alert alert-info">
       <label>What function is used to display output on the screen?</label>
       <div class="radio">
       <label><input type="radio" name="print">printf()</label>
       <div class="radio">
       <label><input type="radio" name="scanf">scanf()</label>
       <div class="radio">
       <label><input type="radio" name="switch">switch</label>
       </div>
     </div> <hr>
     <div class="alert alert-info">
       <label>What function is used to display output on the screen?</label>
       <div class="radio">
       <label><input type="radio" name="print">printf()</label>
       </div>
       <div class="radio">
       <label><input type="radio" name="scanf">scanf()</label>
       <div class="radio">
       <label><input type="radio" name="switch">switch</label>
       </div>
     </div><hr>
     <div class="alert alert-info">
       <label>What function is used to display output on the screen?</label>
       <div class="radio">
       <label><input type="radio" name="print">printf()</label>
       <div class="radio">
       <label><input type="radio" name="scanf">scanf()</label>
       <div class="radio">
       <label><input type="radio" name="switch">switch</label>
     </div>
    <button type="submit" class="btn btn-primary btn-success">Submit the
test</button> <br> <br>>
   <div id="menu2" class="tab-pane fade">
     <h3>Find the job</h3> <hr>
     <br>
```

```
<div class="container">
     <form>
       <div class="input-group">
       <input type="text" class="form-control" id="myInput" placeholder="Look for a</pre>
iob">
       <div class="input-group-btn">
         <button class="btn btn-default" type="submit">
         <i class="glyphicon glyphicon-search"></i></i>
         </button>
       </div>
     </form> <br> <br>>
     <div style="width: 600px;">
       <!-- Left-aligned -->
       <div class="media">
         <div class="media-left">
         <img src="images/img_avatar1.png" class="media-object" style="width:60px">
         </div>
         <div class="media-body">
         <h4 class="media-heading">Java Developer</h4>
         <h5 class="media-heading"> Company Name : JK Software Solution</h4>
         Job Location : Chennai
          Salary : 45000
         <button type="submit" class="btn btn-primary btn-success">Apply </button>
</div>
       </div>
     </div>
     <div style="width: 600px;">
       <!-- Left-aligned -->
       <div class="media">
         <div class="media-left">
         <img src="images/img_avatar1.png" class="media-object" style="width:60px">
         <div class="media-body">
         <h4 class="media-heading">.NET Developer</h4>
         <h5 class="media-heading"> Company Name : JK Software Solution</hd>
```

```
Job Location : Chennai
          Salary : 45000
         <button type="submit" class="btn btn-primary btn-success">Apply </button>
</div>
      </div>
     </div>
     <div style="width: 600px;">
       <div class="media">
         <div class="media-left">
         <img src="images/img_avatar1.png" class="media-object" style="width:60px">
         </div>
         <div class="media-body">
         <h4 class="media-heading">PHP Developer</h4>
         <h5 class="media-heading"> Company Name : JK Software Solution</h4>
         Job Location : Chennai
          Salary : 45000
         <button type="submit" class="btn btn-primary btn-success">Apply </button>
      </div>
     </div>
     <div style="width: 600px;">
       <!-- Left-aligned -->
      <div class="media">
         <div class="media-left">
         <img src="images/img_avatar1.png" class="media-object" style="width:60px">
         </div>
         <div class="media-body">
         <h4 class="media-heading">UX /UI Designer</h4>
         <h5 class="media-heading"> Company Name : JK Software Solution</h4>
         Job Location : Chennai
          Salary : 45000
         <button type="submit" class="btn btn-primary btn-success">Apply </button>
</div>
     </div>
   </div>
```

```
</div>
</div>
<script>
$(document).ready(function(){
   $("#myInput").on("keyup", function() {
   var value = $(this).val().toLowerCase();
   $("#myDIV *").filter(function() {
        $(this).toggle($(this).text().toLowerCase().indexOf(value) > -1)
      });
    });
    </script>
</body>
</html>
```

BACK END OF FEATURE 1

```
from flask import *#importing flask (Install it using python -m pip install flask)
import os
import ibm db
import bcrypt
#import send_from_directory
app = Flask(_name_) #initialising flask
app.secret key = ''
PEOPLE_FOLDER = os.path.join('static', 'people_photo')
import ibm_db
conn = ibm db.connect("DATABASE=bludb;HOSTNAME=54a2f15b-5c0f-46df-8954-
7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32733;SECURITY=SSL;S
SLServerCertificate=DigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=phb43134;PWD=mTTnIE45
Raj9A0rr",'','')
@app.route("/") #defining the routes for the home() funtion (Multiple routes can be
used as seen here)
@app.route("/home")
def dashboard():
    return render_template("dashboard.html") #rendering our home.html contained
def createjobseeker profile():
  if request.method == 'POST':
    name = request.form['name']
    email = request.form['email']
    mobileno=request.form['mobileno']
    nationality=request.form['nationality']
    qualification=request.form['qualification']
    passout=request.form['passout']
    experience=request.form['experience"];
    degree=request.form['degree'];
    per_sslc=request.form['per_sslc'];
    per_hsc=request.form['per_hsc'];
    per_degree=request.form['per_degree'];
    tum = request.files['resume']
```

```
tum.save(os.path.join(app.config['UPLOAD_DIR'],tum.filename))
    hash=bcrypt.hashpw(password.encode('utf-8'),bcrypt.gensalt())
    query = "SELECT EMAIL FROM JOBSEEKER WHERE EMAIL=?"
    stmt = ibm db.prepare(conn, query)
    ibm_db.bind_param(stmt,1,email)
    ibm_db.execute(stmt)
    isUser = ibm_db.fetch_assoc(stmt)
    if not isUser:
      insert_sql = "INSERT INTO JOBSEEKER (name, email, mobileno, nationality,
qualification, passout, experience, degree,per_sslc,per_hsc,per_degree) VALUES
"(?,?,?,?,?,?,?,?,?,?,?)"
      prep_stmt = ibm_db.prepare(conn, insert_sql)
      ibm_db.bind_param(prep_stmt, 1, name)
      ibm_db.bind_param(prep_stmt, 2, email)
      ibm_db.bind_param(prep_stmt, 3, mobileno)
      ibm_db.bind_param(prep_stmt, 4, nationality)
      ibm_db.bind_param(prep_stmt, 5, qualification)
      ibm_db.bind_param(prep_stmt, 6, passout)
      ibm_db.bind_param(prep_stmt, 7, experience)
      ibm_db.bind_param(prep_stmt, 8, degree)
      ibm_db.bind_param(prep_stmt, 9, per_sslc)
      ibm_db.bind_param(prep_stmt, 10, per_hsc)
      ibm_db.bind_param(prep_stmt, 11, per_degree)
      ibm_db.execute(prep_stmt)
      return render template('dashboard.html')
  return render_template('dashboard.html',name='Home')
@app.route('/logout')
def logout():
    session.pop('email', None)
    return redirect(url_for('login'))
```

4.2. Feature 2

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-</pre>
scale=1">
  <link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootst
rap.min.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.m
in.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstra
p.min.js"></script>
  <style>
    .rus{
        border-radius: 0%
    };
    .black{
      color:black;
    }
</style>
</head>
<body>
<nav class="navbar navbar-inverse rus">
    <div class="container-fluid">
      <div class="navbar-header">
```

```
<a class="navbar-brand" href="#">Skill and Job
Recommender</a>
     </div>
     <a href="#"><span class="glyphicon glyphicon-log-
in"></span> Log out</a>
     </div>
 </nav>
<div class="container">
 <a data-toggle="tab" href="#home">Company
Profile</a>
   <a data-toggle="tab" href="#menu2">Find
candidate</a>
 <div class="tab-content">
   <div id="home" class="tab-pane fade in active">
     <h3>COMPANY PROFILE</h3>
     \langle hr \rangle
     <form>
       <div class="alert alert-danger">
       <div class="form-group">
          <label for="name"><span clss="black">Company Name:
</span></label>
          <input type="text" class="form-control" id="name"</pre>
value="Mahadevan">
        </div>
        <div class="form-group">
```

```
<label for="email"><span class="black">Company Email
Address </span></label>
            <input type="text" class="form-control" id="email"</pre>
value="Mahadevan@gmaiil.com">
          </div>
          <div class="form-group">
            <label for="email"><span class="black">Mobile No
</span></label>
            <input type="text" class="form-control" id="email"</pre>
value="9003824096">
          </div>
          <div class="form-group">
            <label for="quali"><span</pre>
class="black">Location</span></label>
            <input type="text" class="form-control" id="quali"</pre>
value="India">
          </div>
          <textarea class="form-control" id="aboutyou" rows="3"</pre>
placeholder="Write few words about company"></textarea> <bre>
<br>
          <button type="submit" class="btn btn-primary btn-</pre>
success">Save changes
          </div>
        </form>
    </div>
   <div id="menu2" class="tab-pane fade">
      <h3>Find the Condidate</h3> <hr>
      <br>
```

```
<div class="container">
     <!_____
     <form>
     <div class="input-group">
      <input type="text" class="form-control" id="myInput"</pre>
placeholder="Look for a candidate">
<div class="input-group-btn">
                         <button class="btn btn-default"</pre>
type="submit">
                            <i class="glyphicon glyphicon-</pre>
search"></i>
                         </button>
                       </div>
                    </div>
                  </form> <br> <br>>
     <!____>
     <div style="width: 600px;">
                       <!-- Left-aligned -->
                       <div class="media">
                         <div class="media-left">
                            <img src="images/img avatar1.png"</pre>
class="media-object" style="width:60px">
                         </div>
                         <div class="media-body">
                            <h4 class="media-heading">Name :
Mahadevan</h4>
         <h5 class="media-heading"> Qualification : B.E
(Computer Science Engineering )</h4>
```

```
<button type="submit" class="btn btn-primary btn-</pre>
success">Know More  <br> <hr>
                            </div>
                          </div>
                     </div>
      \langle hr \rangle
      <div style="width: 600px;">
                          <!-- Left-aligned -->
                          <div class="media">
                            <div class="media-left">
                                <img src="images/img avatar1.png"</pre>
class="media-object" style="width:60px">
                            </div>
                            <div class="media-body">
                                <h4 class="media-heading">Name :
Manikandan</h4>
          <h5 class="media-heading"> Qualification : B.E
(Computer Science Engineering )</h4>
          <button type="submit" class="btn btn-primary btn-</pre>
success">Know More </button> <br> <hr>
                             </div>
                          </div>
                     </div> <br>
      <div style="width: 600px;">
                          <!-- Left-aligned -->
                          <div class="media">
                            <div class="media-left">
                                <img src="images/img avatar1.png"</pre>
class="media-object" style="width:60px">
                            </div>
```

```
<div class="media-body">
                               <h4 class="media-heading">Name :
Kavi</h4>
          <h5 class="media-heading"> Qualification : B.E
(Computer Science Engineering ) </h4>
          <button type="submit" class="btn btn-primary btn-</pre>
success">Know More </button> <br> <hr>
                            </div>
                          </div>
                     </div> <br>
      <div style="width: 600px;">
                          <!-- Left-aligned -->
                          <div class="media">
                            <div class="media-left">
                               <img src="images/img_avatar1.png"</pre>
class="media-object" style="width:60px">
                            </div>
                            <div class="media-body">
                               <h4 class="media-heading">Name :
Ram < /h4 >
          <h5 class="media-heading"> Qualification : B.E
(Computer Science Engineering )</h4>
          <button type="submit" class="btn btn-primary btn-</pre>
success">Know More </button> <br> <hr>
                            </div>
                          </div>
                     </div> <br>
    </div>
  </div>
```

```
</div>
<script>
  $(document).ready(function() {
    $("#myInput").on("keyup", function() {
    var value = $(this).val().toLowerCase();
    $("#myDIV *").filter(function() {
        $(this).toggle($(this).text().toLowerCase().indexOf(value))
> -1)
    });
    });
    </script>
</body>
</html>
```

CHATBOT:

Chatbot has been implemented to provide assistance.

```
window.watsonAssistantC
hatOptions = {
```

```
integrationID: "d73273d3-3f44-4304-
84ee-8fd243016d1d", // The ID of this integration.
    region: "jp-tok", // The region your integration is hosted in.
serviceInstanceID: "81229104-ee6b-46da-ac1c-67ede110663a", // The ID of your service instance.
onLoad: function(instance) {
instance.render(); }
};
```

```
setTimeout(function() {
  const
  t=document.createElement('script');
       t.src="https://web-
  chat.global.assistant.watson.appdomain.
  cloud/versions/" +
  (window.watsonAssistantChatOptions.clie
  ntVersion || 'latest') +
  "/WatsonAssistantChatEntry.js";
       document.head.appendChild(t);
   });
```

4.3. Database Schema(if Applicable):

```
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail
# from_address we pass to our Mail object, edit with your name
FROM_EMAIL = 'Your_Name@SendGridTest.com'
def SendEmail(to_email):
    """ Send an email to the provided email addresses
    :param to email = email to be sent to
    :returns API response code
    :raises Exception e: raises an exception """
    message = Mail(
        from email=FROM EMAIL,
        to emails=to email,
        subject='A Test from SendGrid!',
        html_content='<strong>Hello there from SendGrid your URL is: ' +
        '<a href=''https://github.com/cyberjive''>right here!</a></strong>')
        sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
        response = sg.send(message)
        code, body, headers = response.status_code, response.body, response.headers
        print(f"Response Code: {code} ")
        print(f"Response Body: {body} ")
        print(f"Response Headers: {headers} ")
        print("Message Sent!")
    except Exception as e:
        print("Error: {0}".format(e))
    return str(response.status_code)
```

```
if _name_ == "_main_":
    SendEmail(to_email=input("Email address to send to? "))
```

5. TESTING:

5.1. Test Cases:

Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Commnets	TC for Automation(Y/N)	BUGID	Executed By
Functional	Login page	Verify that after registration users are navigated to login page	Mail id, Username, Password,Phone number, Pin	Open the website and go to register page. Enter details and press register 3.Verify that users are navigated to registration page	https://drive.google.com/drive /folders/10/friudBBVX7mOv- jEyDMq41Nmv1KFs5	Users should be navigated to registration page	Working as expected	Pass	Excellent	'N		MUGILVANNAN
UI	Home Page	Verify the UI elements in Login/Signup popup	Username & Password	Open the website Enter of dails and press login Werify that users are notified of login process	https://drive.google.com/drive /folders/10kpV13F1nZ10bSw 2z9Alk&ELGsY9hRok	Users should be notified of login process	Not working	Fail	Trying To Recover	N	BUG-12	MOHAMMED AZHAR
Functional	Home page	Verify user is able to log into application with Valid credentials		2.Enter details and press login	Username: gr03122001@gmail.com password: 123	User should be logged into website properly	Working as expected	Pass	Good	N		MUGESH
Functional	Home Page	Verify that categories of skills and jobs are shown in homepage		Open the website Enter details and press login Werify that categories of are showing lobs shown in homepage		Categories of skills and jobs should be shown in homepage	Working as expected	Pass	Good	N	BUG-14	JAGADISH
Functional	Home page	Verify that jobs are displayed in homepage		Open the website Enter details and press login Werify that jobs are displayed in homepage		jobs should be displayed in homepage	Working as expected	Pass	Good	N		MUGILVANNAN
Functional	Home page	Verify that when clicked on jobs it is redirected to correct page		Open the website Enter details and press login Werify that when clicked on jobs it is redirected to correct page		When clicked on job link it should be redirected to correct page	Working as expected	Pass	Excellent	N		MUGESH

User Acceptance Testing:

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	10	4	2	3	20
Duplicate	1	1	3	1	6
External	2	3	0	1	6
Fixed	11	2	4	20	37
Not Reproduced	0	0	1	0	1
Skipped	0	0	1	1	2
Won't Fix	0	5	2	1	8
Totals	24	14	13	26	80

Section	Total Cases	Not Tested	Fail	Pass
Print Engine	7	0	1	7
Client Application	51	0	1	51
Security	2	0	2	2

6. RESULTS:

The project has been completed as we expected.

We ensured that Database was designed and well connected to our project.

The Expected results were gotten.

7. ADVANTAGES & DISADVANTAGES

ADVANTAGES:

- ➤ Person who looks for a job can easily find a suitable job based on their skill set.
- ➤ Person can check their eligibility by attending eligibility test.
- ➤ Most of the Recruiters find the suitable person based on the scores they have gotten in the eligibility.

DISADVANTAGES

➤ Person Job May get technical difficulty while taking the eligibility

➤ Job seeker may have trouble to contact recruiters directly.

8. CONCLUSION:

The application has been developed to make job search easier.

The application that we have developed is user friendly.

User can find a job based on their skillset in the short period of time. The jobseeker certainly get benefit by using this application.

In the addition, Chatbot Has been implemented with the help of IBM watson. The chatbot helps jobseeker and organization when they experience the difficulties.

9. FUTURE SCOPE

The linked in the wellknown application to find a job and stay connected with professional and organization.

The job seekers and organization use linked in to find a job.

In the future, There are lots of possibilities to enhance our project similar to linked in.

10. APPENDIX

SOURCE CODE

Sprint 1:

Index.html

```
<!DOCTYPEhtml>
                 <html lang="en">
                   <head>
                     <meta charset="utf-8">
                      <meta name="viewport"</pre>
                 content="width=device-width, initial-scale=1">
                     <title>Log-in Page </title>
                      <link href="css/bootstrap.min.css"</pre>
                 rel="stylesheet">
                      <script src="chat.js"></script>
                   </head>
                   <style>
                      .pad{
                           padding-top: 40%;
                      .bold{
                           font-weight: bolder;
                      .backgroundcolour{
                           background-color: beige;
                      }
                      .font{
                           font-weight: bolder;
                           color:whitesmoke;
                   </style>
                      <body>
                           <div class="container">
                                 <div class="row">
                                      <div class="col-sm-6">
                                      </div>
                                      <div class="col-sm-6">
```

<div class="pad ">

<center> </center> <HR> <form> <div class="input-group"> <i class="glyphicon"</pre> glyphicon-user"></i> <input id="email" type="text" class="form-control" name="email" placeholder="Enter Your Registered Email ID" required> </div>
 <div class="input-group"> <i class="glyphicon"</pre> glyphicon-lock"></i> <input id="password" type="password" class="formcontrol" name="password" placeholder="Enter Your Password" required> </div> <hr>> <div class="row"> <div class="col-sm-6"> <button type="submit" id="" class="btn btn-</pre> success btn-block"> LOG IN </button> </div> <div class="col-sm-6">

block">FORGET PASSWORD

<button id="" class="btn btn-danger btn-</pre>

```
</span></a></button>
     </div>
                                           </div>
<br>
                                     </form>
href="signup.html"> <button type="submit" id=""</pre>
class="btn btn-primary btn-block"><span</pre>
class="font">CREATE AN ACCOUNT </span> </button>
</a>
                           </div>
                     </div>
                </div>
          </div>
          <script
src="js/jquery.min.js"></script>
          <script
src="js/bootstrap.min.js"></script>
          <script src="chat.js"></script>
     </body>
</html>
```

FORGET-PASSWORD.html

<!DOCTYPEhtml>

.pad{

padding-top: 20%;
padding-left: 20%;

```
padding-right: 20%;
     }
     .bold{
          font-weight: bolder;
  </style>
     <body>
           <div class="container">
                <div class="pad">
                 <form>
                     <center> <H3</pre>
class="bold">FORGET PASSWORD</H3></center> <hr>
                     <div class="form-group">
                       <label for="email">Email
address:</label>
                       <input type="email"</pre>
class="form-control" id="email"
placeholder="Enter Your Registered Email
Addtress">
                     </div>
                     <div class="form-group">
                       <label
for="pwd">OTP</label>
                       <input type="password"</pre>
class="form-control" id="pwd" placeholder="Enter
your OTP ">
                     </div>
                     <button type="submit"</pre>
class="btn btn-default">Recover
Password</button>
                  </form>
                </div>
          </div>
          <script
src="js/jquery.min.js"></script>
          <script
src="js/bootstrap.min.js"></script>
     </body>
</html>
```

SIGN UP.html

```
<!DOCTYPE
html>
           <html lang="en">
             <head>
                <meta charset="utf-8">
                 <meta name="viewport"</pre>
           content="width=device-width,
           initial-scale=1">
                <title>Creating New Account
           </title>
                 link
           href="css/bootstrap.min.css"
           rel="stylesheet">
             </head>
             <style>
                 .pad{
                      padding-top: 10%;
                   padding-bottom: 10%;
                 .bold{
                      font-weight: bolder;
              </style>
                 <body>
                      <div class="container">
                                      <div
           class="pad">
                                           <h3
           class="bold">CREATE AN ACCOUNT</h3>
                                           <HR>
                 <form>
                                         <div
           class="form-group">
                 <label for="name">First
           Name</label>
                 <input type="name"</pre>
           class="form-control" id="name"
           placeholder="Enter Your First
           Name">
```

</div>

<div

class="form-group">

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

</div>

<div class="form-group">

<label for="email">Email
address:</label>

</div>

<div class="form-group">

<label

for="pwd">Password:</label>

</div>

<div

class="form-group">

<label for="repwd">Reenter
Password:</label>

</div>

<hr>>

</div>

</form>

</div>

</div>

BACK END:

```
import os
import ibm db
import bcrypt
#import send from directory
app = Flask(__name__) #initialising flask
app.secret_key = ''
PEOPLE FOLDER = os.path.join('static', 'people photo')
import ibm db
conn = ibm db.connect("DATABASE=bludb; HOSTNAME=54a2f15b-5c0f-
46df-8954-
7e38e612c2bd.clogj3sd0tgtu0lqde00.databases.appdomain.cloud;P
ORT=32733; SECURITY=SSL; SSLServerCertificate=DigiCertGlobalRoo
tCA.crt;PROTOCOL=TCPIP;UID=phb43134;PWD=mTTnIE45Raj9A0rr",'',
@app.route("/") #defining the routes for the home() funtion
(Multiple routes can be used as seen here)
@app.route("/home")
def home():
    return render template("home.html") #rendering our
home.html contained within /templates
@app.route("/login")
def login():
    if request.method == 'POST':
        email = request.form['email']
        password = request.form['password']
        if not email or not password:
            return render template('login.html',error='Please
fill all fields')
        query = "SELECT * FROM USER WHERE email=?"
        stmt = ibm db.prepare(conn, query)
        ibm db.bind param(stmt,1,email)
        ibm db.execute(stmt)
        isUser = ibm db.fetch assoc(stmt)
        print(isUser, password)
        if not isUser:
            return
render template('login.html',error='Invalid Credentials')
```

```
isPasswordMatch =
bcrypt.checkpw(password.encode('utf-
8'),isUser['PASSWORD'].encode('utf-8'))
        if not isPasswordMatch:
            return
render template('login.html',error='Invalid Credentials')
        session['email'] = isUser['EMAIL']
        return redirect(url for('user dashboard'))
    return render template('login.html',name='Home')
app.config["UPLOAD DIR"] = "uploads"
@app.route("/register", methods=['GET', 'POST'])
def register():
  if request.method == 'POST':
    email = request.form['email']
    password = request.form['password']
    firstname=request.form['firstname']
    middlename=request.form['middlename']
    lastname=request.form['lastname']
    dob=request.form['dob']
    age=request.form['age']
    drno=request.form['drno']
    landmark1=request.form['lnmk1']
    landmark2=request.form['lnmk2']
    village =request.form['village']
    district=request.form['district']
    pincode=request.form['pincode']
    country=request.form['country']
    country code=request.form['countryCode']
    phone=request.form['phone']
    schlname10=request.form['schlname10']
    maxmark10=request.form['maxmark10']
    actmark10=request.form['actmark10']
    schlname212=request.form['schlname212']
    maxmark212=request.form['maxmark212']
    actmark212=request.form['actmark212']
    clgname=request.form['clgname']
    clgmaxmark=request.form['clgmaxmark']
    clgactmark=request.form['clgactmark']
    stream=request.form['stream']
    graduation=request.form['graduation']
    grayear=request.form['grayear']
    branch=request.form['branch']
    skills=request.form['form[]']
    q1=request.form['Q1']
    q2=request.form['Q2']
```

```
q3=request.form['Q3']
   q4=request.form['Q4']
   q5=request.form['Q5']
   position=request.form['position']
   experience=request.form['expyears']
   designation=request.form['designation']
   tum = request.files['resume']
tum.save(os.path.join(app.config['UPLOAD DIR'],tum.filename))
   hash=bcrypt.hashpw(password.encode('utf-
8'),bcrypt.gensalt())
   query = "SELECT EMAIL FROM JOBSEEKER WHERE EMAIL=?"
    stmt = ibm db.prepare(conn, query)
    ibm db.bind param(stmt,1,email)
   ibm db.execute(stmt)
   isUser = ibm db.fetch assoc(stmt)
    if not is User:
     insert sql = "INSERT INTO JOBSEEKER (EMAIL, PASSWORD,
FIRSTNAME, MIDDLENAME, LASTNAME, DOB, AGE, DOOR NO,
LANDMARK1, LANDMARK2, VILLAGE, DISTRICT, PINCODE, COUNTRY,
COUNTRY CODE, PHONE, SCHOOL NAME, SC MAX MARK,
SC ACT MARK, HSC SCHOOL NAME, HSC MAX MARK,
HSC ACT MARK, COLLEGE NAME, COLLEGE MAX, COLLEGE ACT, STREAM,
GRADUATION, GRADUATION YEAR, BRANCH, SKILLS, PRESENTATION,
HACKATHON, CODING, WON, PRIZE WON, POSITION,
EXPYEARS, DESIGNATION, RESUME) VALUES
?,?,?,?,?,?,?,?)"
     prep stmt = ibm db.prepare(conn, insert sql)
     ibm db.bind param(prep stmt, 1, email)
      ibm_db.bind_param(prep_stmt, 2, password)
      ibm db.bind param(prep stmt, 3, firstname)
     ibm_db.bind_param(prep_stmt, 4, middlename)
     ibm db.bind param(prep stmt, 5, lastname)
     ibm_db.bind_param(prep stmt, 6, dob)
     ibm db.bind param(prep stmt, 7, age)
     ibm_db.bind_param(prep_stmt, 8, drno)
     ibm db.bind param(prep stmt, 9, landmark1)
     ibm db.bind param(prep stmt, 10, landmark2)
     ibm db.bind param(prep stmt, 11, village)
     ibm_db.bind_param(prep stmt, 12, district)
      ibm db.bind param(prep stmt, 13, pincode)
      ibm db.bind param(prep stmt, 14, country)
```

```
ibm db.bind param(prep stmt, 15, country code)
      ibm db.bind param(prep stmt, 16, phone)
      ibm db.bind param(prep stmt, 17, schlname10)
      ibm db.bind param(prep stmt, 18, maxmark10)
      ibm db.bind param(prep stmt, 19, actmark10)
      ibm db.bind param(prep stmt, 20, schlname212)
      ibm db.bind param(prep stmt, 21, maxmark212)
      ibm db.bind param(prep stmt, 22, actmark212)
      ibm db.bind param(prep stmt, 23, clgname)
      ibm db.bind param(prep stmt, 24, clgmaxmark)
      ibm db.bind param(prep stmt, 25, clgactmark)
      ibm db.bind param(prep stmt, 26, stream)
      ibm db.bind param(prep stmt, 27, graduation)
      ibm db.bind param(prep stmt, 28, grayear)
      ibm_db.bind_param(prep_stmt, 29, branch)
      ibm db.bind param(prep stmt, 30, skills)
      ibm db.bind param(prep stmt, 31, q1)
      ibm db.bind param(prep stmt, 32, q2)
      ibm db.bind param(prep stmt, 33, q3)
      ibm db.bind param(prep stmt, 34, q4)
      ibm db.bind param(prep stmt, 35, q5)
      ibm db.bind param(prep stmt, 36, position)
      ibm db.bind param(prep stmt, 37, experience)
      ibm db.bind param(prep stmt, 38, designation)
      ibm db.bind param(prep stmt, 39, tum)
      ibm db.execute(prep stmt)
      return render template('register.html')
    else:
      return render template('register.html',error='Invalid
Credentials')
  return render template('register.html', name='Home')
@app.route("/orgregister")
def orgregister():
    return render template ("orgregister.html") #rendering our
register.html contained within /templates
@app.route("/user dashboard")
def user dashboard():
    return render template("user dashboard.html")
@app.route('/logout')
def logout():
    session.pop('email', None)
    return redirect(url for('login'))
if name__== "__main__": #checking if___name 's value is
'__main__'.__name__is an python environment variable who's
value will always be '__main__' till this is the first
```

```
instatnce of app.py running
    app.run(debug=True,port=8080) #running flask (Initalised
on line 4)
```

SPRINT 2

Index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
     <meta name="viewport" content="width=device-width, initial-</pre>
scale=1">
    <title>Log-in Page </title>
     <link href="css/bootstrap.min.css" rel="stylesheet">
     <script src="chat.js"></script>
  </head>
  <style>
     .pad{
          padding-top: 40%;
     }
     .bold{
          font-weight: bolder;
```

```
}
   .backgroundcolour{
        background-color: beige;
   }
   .font{
        font-weight: bolder;
       color:whitesmoke;
   }
</style>
   <body>
        <br>
        <div class="container">
             <div class="row">
                  <div class="col-sm-6">
                       <div class="pad ">
```

```
<center><img</pre>
src="images/ORGANIZATION LOGO.png" class="img-responsive"
width="20%" height="20%"> </center> <BR>
                                 <form>
                                      <div class="input-group">
                                        <span class="input-group-</pre>
addon"><i class="glyphicon glyphicon-user"></i></span>
                                        <input id="email"</pre>
type="text" class="form-control" name="email" placeholder="Enter
Your Organization Registered Email ID" >
                                      </div>
                                      \langle br \rangle
                                      <div class="input-group">
                                        <span class="input-group-</pre>
addon"><i class="glyphicon glyphicon-lock"></i></span>
                                        <input id="password"</pre>
type="password" class="form-control" name="password"
placeholder="Enter Your Password">
                                      </div>
                                      <hr>
                                      <div class="row">
                                      <div class="col-sm-6">
     <button type="submit" id="" class="btn btn-success btn-</pre>
block"> <span class="font">LOG IN </span></button>
     </div>
```

<div class="col-sm-6">

</div>

</div>

</form>

</div>

</div>

<div class="col-sm-6">

<div class="pad ">

```
<center><img</pre>
src="images/logo.png" class="img-responsive" width="20%"
height="20%"> </center> <br>
                                     <form>
                                           <div class="input-
group">
                                             <span class="input-</pre>
group-addon"><i class="glyphicon glyphicon-user"></i></span>
                                             <input id="email"</pre>
type="text" class="form-control" name="email" placeholder="Enter
Your Registered Email ID" required>
                                           </div>
                                           <br>
                                           <div class="input-
group">
                                             <span class="input-</pre>
group-addon"><i class="glyphicon glyphicon-lock"></i></span>
                                             <input id="password"</pre>
type="password" class="form-control" name="password"
placeholder="Enter Your Password" required>
                                           </div>
                                           <hr>
                                           <div class="row">
                                                <div class="col-sm-
6">
```

```
<button
type="submit" id="" class="btn btn-success btn-block"> <span</pre>
class="font">LOG IN </span></button>
                                              </div>
                                              <div class="col-sm-
6">
           <button id="" class="btn btn-danger btn-block">
<a href="forget password.html">
<span class="font">FORGET PASSWORD </span></a></button>
                                              </div>
                                         </div> <br>
                                    </form>
                                    <a href="signup.html">
<button type="submit" id="" class="btn btn-primary btn-block">
<span class="font">CREATE AN ACCOUNT </span> </button>
</a></div>
</div>
</div>
</div>
          <script src="js/jquery.min.js"></script>
          <script src="js/bootstrap.min.js"></script>
          <script src="chat.js"></script>
     </body>
</html>
```

FORGET-PASSWORD.html

```
<!DOCTYPEhtml>
                  <html lang="en">
                  <head>
                      <meta charset="utf-8">
                       <meta name="viewport"</pre>
                  content="width=device-width, initial-scale=1">
                      <title>Responsive Sample</title>
                       <link href="css/bootstrap.min.css"</pre>
                  rel="stylesheet">
                    </head>
                    <style>
                       .pad{
                            padding-top: 20%;
                            padding-left: 20%;
                            padding-right: 20%;
                       .bold{
                            font-weight: bolder;
                       }
                    </style>
                       <body>
                             <div class="container">
                                  <div class="pad">
                                   <form>
                                       <center> <H3</pre>
                  class="bold">FORGET PASSWORD</H3></center> <hr>
                                       <div class="form-group">
                                         <label for="email">Email
                  address:</label>
                                         <input type="email"</pre>
                  class="form-control" id="email"
                  placeholder="Enter Your Registered Email
                  Addtress">
                                       </div>
                                       <div class="form-group">
                                         <label
                  for="pwd">OTP</label>
                                         <input type="password"</pre>
                  class="form-control" id="pwd" placeholder="Enter
                  your OTP ">
```

</div>

HOME PAGE:

Forgot password.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
              <meta name="viewport" content="width=device-width,</pre>
initial-scale=1">
    <title>Responsive Sample</title>
              <link href="css/bootstrap.min.css"</pre>
rel="stylesheet">
  </head>
  <style>
              .pad{
               padding-top: 20%;
               padding-left: 20%;
               padding-right: 20%;
              .bold{
              font-weight: bolder;
              }
  </style>
              <body>
                <div class="container">
                     <div class="pad">
```

```
<form>
                          <center> <H3 class="bold">FORGET
PASSWORD</H3></center> <hr>
                          <div class="form-group">
                            <label for="email">Email
address:</label>
                            <input type="email" class="form-</pre>
control" id="email" placeholder="Enter Your Registered Email
Addtress">
                          </div>
                          <div class="form-group">
                            <label for="pwd">OTP</label>
                            <input type="password" class="form-</pre>
control" id="pwd" placeholder="Enter your OTP ">
                          </div>
                          <button type="submit" class="btn btn-</pre>
default">Recover Password</button>
                       </form>
                     </div>
               </div>
               <script src="js/jquery.min.js"></script>
               <script src="js/bootstrap.min.js"></script>
              </body>
```

</html>

Signup.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
              <meta name="viewport" content="width=device-width,</pre>
initial-scale=1">
    <title>Creating New Account </title>
              <link href="css/bootstrap.min.css"</pre>
rel="stylesheet">
  </head>
  <style>
              .pad{
               padding-top: 10%;
        padding-bottom: 10%;
              }
              .bold{
                font-weight: bolder;
              }
  </style>
              <body>
                <div class="container">
```

```
<div class="pad">
                                     <h3 class="bold">CREATE AN
ACCOUNT</h3>
                                     <HR>
                                     <form>
                             <div class="form-group">
                                               <label
for="name">First Name</label>
                                               <input type="name"</pre>
class="form-control" id="name" placeholder="Enter Your First
Name">
                                          </div>
                             <div class="form-group">
                                               <label
for="name">Last Name</label>
                                               <input type="name"</pre>
class="form-control" id="name" placeholder="Enter Your Last
Name">
                                          </div>
                                          <div class="form-group">
```

<label for="email">Email address:</label> <input type="email"</pre> class="form-control" id="email" placeholder="Enter Your Email ID"> </div> <div class="form-group"> <label for="pwd">Password:</label> <input type="password" class="form-control" id="pwd" placeholder="Enter Your Password"> </div> <div class="form-group"> <label for="repwd">Reenter Password:</label> type="password" class="form-control" id="repwd" placeholder="Enter Your Password Again"> </div>

<button

type="button" id="" class="btn btn-primary btn-block btndanger">CREATE AN ACCOUNT</button>

<hr>

<button

type="submit" id="login_already" class="btn btn-primary btnblock btn-success">Do you have an Account Already ?</button>

</div>

</form>

</div>

</div>

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

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

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

</body>

</html>

BACK END

APP.PY

```
from flask import *#importing flask (Install it using python -m
pip install flask)
import os
import ibm db
import bcrypt
#import send from directory
app = Flask(__name__) #initialising flask
app.secret key = ''
PEOPLE FOLDER = os.path.join('static', 'people photo')
import ibm dbconn =
ibm db.connect("DATABASE=bludb; HOSTNAME=54a2f15b-5c0f-46df-8954-
7e38e612c2bd.clogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT
=32733; SECURITY=SSL; SSLServerCertificate=DigiCertGlobalRootCA.cr
t; PROTOCOL=TCPIP; UID=phb43134; PWD=mTTnIE45Raj9A0rr", '', '')
@app.route("/") #defining the routes for the home() funtion
(Multiple routes can be used as seen here)
@app.route("/home")
def home():
    return render template("index/INDEX.html") #rendering our
home.html contained within /templates
```

```
@app.route("/login")
def login():
    if request.method == 'POST':
        email = request.form['email']
        password = request.form['password']
        if not email or not password:
            return render template('login.html',error='Please
fill all fields')
        query = "SELECT * FROM USER WHERE email=?"
        stmt = ibm db.prepare(conn, query)
        ibm db.bind param(stmt,1,email)
        ibm db.execute(stmt)
        isUser = ibm db.fetch assoc(stmt)
        print(isUser,password)
        if not isUser:
            return render template('login.html',error='Invalid
Credentials')
        isPasswordMatch = bcrypt.checkpw(password.encode('utf-
8'),isUser['PASSWORD'].encode('utf-8'))
        if not isPasswordMatch:
            return render template('login.html',error='Invalid
Credentials')
```

```
return redirect(url for('user dashboard'))
    return render template('login.html',name='Home')
app.config["UPLOAD DIR"] = "uploads"
@app.route("/register", methods=['GET', 'POST'])
def register():
  if request.method == 'POST':
    email = request.form['email']
    password = request.form['password']
    firstname=request.form['firstname']
    middlename=request.form['middlename']
    lastname=request.form['lastname']
    dob=request.form['dob']
    age=request.form['age']
    drno=request.form['drno']
    landmark1=request.form['lnmk1']
    landmark2=request.form['lnmk2']
    village =request.form['village']
    district=request.form['district']
    pincode=request.form['pincode']
```

session['email'] = isUser['EMAIL']

```
country=request.form['country']
country code=request.form['countryCode']
phone=request.form['phone']
schlname10=request.form['schlname10']
maxmark10=request.form['maxmark10']
actmark10=request.form['actmark10']
schlname212=request.form['schlname212']
maxmark212=request.form['maxmark212']
actmark212=request.form['actmark212']
clgname=request.form['clgname']
clgmaxmark=request.form['clgmaxmark']
clgactmark=request.form['clgactmark']
stream=request.form['stream']
graduation=request.form['graduation']
grayear=request.form['grayear']
branch=request.form['branch']
skills=request.form['form[]']
q1=request.form['Q1']
q2=request.form['Q2']
q3=request.form['Q3']
q4=request.form['Q4']
q5=request.form['Q5']
position=request.form['position']
experience=request.form['expyears']
designation=request.form['designation']
```

```
tum = request.files['resume']
tum.save(os.path.join(app.config['UPLOAD DIR'],tum.filename))
    hash=bcrypt.hashpw(password.encode('utf-
8'),bcrypt.gensalt())
    query = "SELECT EMAIL FROM ORGANIZATION WHERE EMAIL=?"
    stmt = ibm db.prepare(conn, query)
    ibm db.bind param(stmt,1,email)
    ibm db.execute(stmt)
    isUser = ibm db.fetch assoc(stmt)
    if not isUser:
      insert sql = "INSERT INTO ORGANIZATION (ORGANIZATION NAME,
ORGANIZATION ID, ORGANIZATION ADDRESS, SET PASSWORD,
REENTERPASSWORD) VALUES (?,?,?,?,?)"
      prep stmt = ibm db.prepare(conn, insert sql)
      ibm db.bind param(prep stmt, 1, ORGANIZATION NAME)
      ibm db.bind param(prep stmt, 2, ORGANIZATION ID)
      ibm db.bind param(prep stmt, 3, ORGANIZATION ADDRESS)
      ibm db.bind param(prep stmt, 4, SET PASSWORD)
      ibm db.bind param(prep stmt, 5, REENTERPASSWORD)
      ibm db.execute(prep stmt)
```

```
render template('Organization\Create Account\org create account.
html')
    else:
      return
render template('Organization\Create Account\org create account.
html',error='Invalid Credentials')
 return render template('create account.html',name='Home')
@app.route("/orgregister")
def orgregister():
    return render template("org create account.html") #rendering
our register.html contained within /templates
@app.route("/user dashboard")
def user dashboard():
    return render template("user dashboard.html")
@app.route('/logout')
def logout():
    session.pop('email', None)
    return redirect(url for('login'))
```

```
if __name _ == " main __": #checking if __name 's value is
'__main__'.___name__is an python environment variable who's
value will always be '__main__' till this is the first instatnce
of app.py running
    app.run(debug=True,port=8080) #running flask (Initalised on
line 4)
    hash=bcrypt.hashpw(password.encode('utf-
8'),bcrypt.gensalt())
    query = "SELECT EMAIL FROM JOBSEEKER WHERE EMAIL=?"
    stmt = ibm db.prepare(conn, query)
    ibm db.bind param(stmt,1,email)
    ibm db.execute(stmt)
    isUser = ibm db.fetch assoc(stmt)
    if not isUser:
      insert sql = "INSERT INTO JOBSEEKER (FIRSTNAME,
LASTNAME, EMAIL ADDRESSS, PWD, REPWD=?"
      prep stmt = ibm db.prepare(conn, insert sql)
      ibm db.bind param(prep stmt, 1, firstname)
      ibm db.bind param(prep stmt, 2, lastname)
      ibm db.bind param(prep stmt, 3, email address)
      ibm db.bind param(prep stmt, 4, pwd)
      ibm db.bind param(prep stmt, 5, repwd)
```

```
ibm_db.execute(prep_stmt)
    return render_template('Job Seeker\signup.html')
    else:
        return render_template('Job
Seeker\signup.html',error='Invalid Credentials')

return render template('signup.html',name='Home')
```

JAVASCRIPT:

```
window.watsonAssistantCh
atOptions= {
                               integrationID: "d73273d3-3f44-
                           4304-84ee-8fd243016d1d", // The ID of
                           this integration.
                               region: "jp-tok", // The region
                           your integration is hosted in.
                               serviceInstanceID: "81229104-ee6b-
                           46da-ac1c-67ede110663a", // The ID of
                           your service instance.
                               onLoad: function(instance) {
                           instance.render(); }
                             };
                             setTimeout(function(){
                               const
                           t=document.createElement('script');
                               t.src="https://web-
                           chat.global.assistant.watson.appdomain
                           .cloud/versions/" +
                           (window.watsonAssistantChatOptions.cli
                           entVersion || 'latest') +
                           "/WatsonAssistantChatEntry.js";
                               document.head.appendChild(t);
                             });
```

Verify.py

```
from flask import request
from flask_restful import Resource
from utils.tokener import confirm_token
from utils.dbQuery import insertQuery
class Verify(Resource):
data=request.json
token=data["token"]
email=confirm_token(token)
if(not email):
return {"status":"Couldn't verify"},400
res=insertQuery("UPDATE user set verified=True where
email=?",(email,))
if(not res):
return {"status":"Couldn't Update"},400
return {"status":"verified successfully"},200
```

SPRINT 3:

FRONT END

DASHBROAD.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-</pre>
scale=1">
  <link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootst
rap.min.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.m
in.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstra
p.min.js"></script>
  <style>
    .rus{
        border-radius: 0%
    };
    .black{
```

```
color:black;
  }
</style>
</head>
<body>
______
<nav class="navbar navbar-inverse rus">
   <div class="container-fluid">
    <div class="navbar-header">
     <a class="navbar-brand" href="#">Skill and Job
Recommender</a>
    </div>
    <a href="#"><span class="glyphicon glyphicon-log-</pre>
in"></span> Log out</a>
    </div>
 </nav>
<div class="container">
 <a data-toggle="tab"</pre>
href="#home">Profile</a>
```

```
<a data-toggle="tab" href="#menu1">Eligibility
Test</a>
    <a data-toggle="tab" href="#menu2">Find Job</a>
  <div class="tab-content">
    <div id="home" class="tab-pane fade in active">
     <h3>PROFILE</h3>
      <hr>>
      <form>
        <div class="alert alert-danger">
        <div class="form-group">
            <label for="name"><span clss="black">Name:
</span></label>
            <input type="text" class="form-control" id="name"</pre>
value="Mahadevan">
          </div>
          <div class="form-group">
            <label for="email"><span class="black">Email Address
</span></label>
            <input type="text" class="form-control" id="email"</pre>
value="Mahadevan@gmaiil.com">
          </div>
          <div class="form-group">
```

<label for="email">Mobile No </label> <input type="text" class="form-control" id="email"</pre> value="9003824096"> </div> <div class="form-group"> <label for="quali">What is your Nationality </label> <input type="text" class="form-control" id="quali"</pre> value="India"> </div> <div class="form-group"> <label for="quali">What is your Oualification</label> <input type="text" class="form-control" id="quali"</pre> value="BE"> </div> <div class="form-group"> <label for="quali">What year did you complete your bachelor Degree?</label> <input type="text" class="form-control" id="quali"</pre>

</div>

value="2023">

```
<div class="form-group">
            <label for="experience">How many years of work
experience do you have ?</label>
            <input type="text" class="form-control"</pre>
id="experience" value="0">
          </div>
          <div class="form-group">
            <label for="place">Where have you graduated high
school degree ?</label>
            <input type="text" class="form-control" id="place"</pre>
value="Government high school Ariyalur">
          </div>
          <div class="form-group">
            <label for="SSLC">What is your SSLC Percentage
:</label>
            <input type="text" class="form-control" id="SSLC"</pre>
value="90">
          </div>
          <div class="form-group">
            <label for="HSC">What is your HSC Percentage
:</label>
            <input type="text" class="form-control" id="HSC"</pre>
value="90">
          </div>
```

```
<div class="form-group">
            <label for="degree">What is your Percentage in
bachelor Degree:</label>
            <input type="text" class="form-control" id="degree"</pre>
value="90.5">
          </div>
          <textarea class="form-control" id="aboutyou" rows="3"</pre>
placeholder="Write few words about yourself"></textarea> <br>
<br>
          <button type="submit" class="btn btn-primary btn-</pre>
success">Save changes
          </div>
        </form>
    </div>
    <div id="menu1" class="tab-pane fade">
      <h3>Eligibility Test </h3> <hr>
      <div class="alert alert-info">
        <label>What function is used to display output on the
screen?</label>
             <div class="radio">
                      <label><input type="radio"</pre>
name="print">printf()</label>
                      </div>
                      <div class="radio">
```

```
<label><input type="radio"</pre>
name="scanf">scanf()</label>
                        <div class="radio">
                        <label><input type="radio"</pre>
name="switch">switch</label>
                        </div>
      </div> <hr>
      <div class="alert alert-info">
        <label>What function is used to display output on the
screen?</label>
              <div class="radio">
                        <label><input type="radio"</pre>
name="print">printf()</label>
                        </div>
                        <div class="radio">
                        <label><input type="radio"</pre>
name="scanf">scanf()</label>
                        </div>
                        <div class="radio">
                        <label><input type="radio"</pre>
name="switch">switch</label>
                       </div>
      </div> <hr>
      <div class="alert alert-info">
```

```
screen?</label>
              <div class="radio">
                        <label><input type="radio"</pre>
name="print">printf()</label>
                        <div class="radio">
                        <label><input type="radio"</pre>
name="scanf">scanf()</label>
                        <div class="radio">
                        <label><input type="radio"</pre>
name="switch">switch</label>
                        </div>
      </div> <hr>
      <div class="alert alert-info">
        <label>What function is used to display output on the
screen?</label>
              <div class="radio">
                        <label><input type="radio"</pre>
name="print">printf()</label>
                        </div>
                        <div class="radio">
                        <label><input type="radio"</pre>
name="scanf">scanf()</label>
                        </div>
                        <div class="radio">
```

<label>What function is used to display output on the

```
<label><input type="radio"</pre>
name="switch">switch</label>
                       </div>
      </div> <hr>
      <div class="alert alert-info">
        <label>What function is used to display output on the
screen?</label>
              <div class="radio">
                       <label><input type="radio"</pre>
name="print">printf()</label>
                       </div>
                       <div class="radio">
                       <label><input type="radio"</pre>
name="scanf">scanf()</label>
                       </div>
                       <div class="radio">
                       <label><input type="radio"</pre>
name="switch">switch</label>
                       </div>
      </div><hr>
      <div class="alert alert-info">
        <label>What function is used to display output on the
screen?</label>
              <div class="radio">
                       <label><input type="radio"</pre>
name="print">printf()</label>
```

```
</div>
                       <div class="radio">
                       <label><input type="radio"</pre>
name="scanf">scanf()</label>
                       </div>
                       <div class="radio">
                       <label><input type="radio"</pre>
name="switch">switch</label>
                       </div>
      </div>
                 <button type="submit" class="btn btn-primary</pre>
btn-success">Submit the test</button> <br> <br>
  </div>
    <div id="menu2" class="tab-pane fade">
      <h3>Find the job</h3> <hr>
      <br>
      <div class="container">
      <form>
                       <div class="input-group">
                          <input type="text" class="form-control"</pre>
id="myInput" placeholder="Look for a job">
                          <div class="input-group-btn">
```

```
Job Location : Chennai
           Salary : 45000
          <button type="submit" class="btn btn-primary btn-</pre>
success">Apply </button> <br> <hr>
                           </div>
                         </div>
                    </div>
</div>
</div>
</div>
<script>
  $ (document) .ready(function() {
    $("#myInput").on("keyup", function() {
   var value = $(this).val().toLowerCase();
   $("#myDIV *").filter(function() {
      $(this).toggle($(this).text().toLowerCase().indexOf(value)
> -1)
   });
   });
  });
 </script>
</body>
</html>
```

BACK END:

```
from flask import *#importing flask (Install it using python -m
pip install flask)
import os
import ibm db
import bcrypt
#import send from directory
app = Flask(__name__) #initialising flask
app.secret key = ''
PEOPLE FOLDER = os.path.join('static', 'people photo')
import ibm db
conn = ibm db.connect("DATABASE=bludb;
HOSTNAME=54a2f15b-5c0f-46df-8954-
7e38e612c2bd.clogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT
=32733; SECURITY=SSL;
SSLServerCertificate=DigiCertGlobalRootCA.crt; PROTOCOL=TCPIP; UID
=phb43134;PWD=mTTnIE45Raj9A0rr",'','')
@app.route("/") #defining the routes for the home() funtion
(Multiple routes can be used as seen here)
@app.route("/home")
def dashboard():
    return render template("dashboard.html")
def createjobseeker profile():
  if request.method == 'POST':
    name = request.form['name']
    email = request.form['email']
   mobileno=request.form['mobileno']
```

```
nationality=request.form['nationality']
    qualification=request.form['qualification']
    passout=request.form['passout']
    experience=request.form['experience"];
    degree=request.form['degree'];
    per sslc=request.form['per sslc'];
    per hsc=request.form['per hsc'];
    per degree=request.form['per degree'];
    tum = request.files['resume']
tum.save(os.path.join(app.config['UPLOAD DIR'],tum.filename))
    hash=bcrypt.hashpw(password.encode('utf-
8'),bcrypt.gensalt())
    query = "SELECT EMAIL FROM JOBSEEKER WHERE EMAIL=?"
    stmt = ibm db.prepare(conn, query)
    ibm db.bind param(stmt,1,email)
    ibm db.execute(stmt)
    isUser = ibm db.fetch assoc(stmt)
    if not isUser:
      insert sql = "INSERT INTO JOBSEEKER (name, email,
mobileno, nationality,
qualification, passout, experience,
degree, per sslc, per hsc, per degree) VALUES
(?,?,?,?,?,?,?,?,?,?,?)"
      prep stmt = ibm db.prepare(conn, insert sql)
      ibm db.bind param(prep stmt, 1, name)
      ibm db.bind param(prep stmt, 2, email)
```

```
ibm db.bind param(prep stmt, 3, mobileno)
      ibm db.bind param(prep stmt, 4, nationality)
      ibm db.bind param(prep stmt, 5, qualification)
      ibm_db.bind_param(prep_stmt, 6, passout)
      ibm db.bind param(prep stmt, 7, experience)
      ibm db.bind param(prep stmt, 8, degree)
      ibm db.bind param(prep stmt, 9, per sslc)
      ibm db.bind param(prep stmt, 10, per hsc)
      ibm_db.bind_param(prep_stmt, 11, per degree)
      ibm db.execute(prep stmt)
      return render template('dashboard.html')
  return render_template('dashboard.html',name='Home')
@app.route('/logout')
def logout():
    session.pop('email', None)
    return redirect(url for('login'))
```

SPRINT 4:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-</pre>
scale=1">
  <link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootst
rap.min.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.m
in.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstra
p.min.js"></script>
  <style>
    .rus{
        border-radius: 0%
    };
    .black{
      color:black;
    }
</style>
```

```
</head>
<body>
<!
<nav class="navbar navbar-inverse rus">
  <div class="container-fluid">
   <div class="navbar-header">
     <a class="navbar-brand" href="#">Skill and Job
Recommender</a>
   </div>
   <a href="#"><span class="glyphicon glyphicon-log-</pre>
in"></span> Log out</a>
   </div>
 </nav>
<!
<div class="container">
 <a data-toggle="tab" href="#home">Company
Profile</a>
  <a data-toggle="tab" href="#menu2">Find
candidate</a>
```

```
<div class="tab-content">
    <div id="home" class="tab-pane fade in active">
      <h3>COMPANY PROFILE</h3>
      \langle hr \rangle
      <form>
        <div class="alert alert-danger">
        <div class="form-group">
            <label for="name"><span clss="black">Company Name:
</span></label>
             <input type="text" class="form-control" id="name"</pre>
value="Mahadevan">
          </div>
          <div class="form-group">
            <label for="email"><span class="black">Company Email
Address </span></label>
            <input type="text" class="form-control" id="email"</pre>
value="Mahadevan@gmaiil.com">
          </div>
          <div class="form-group">
            <label for="email"><span class="black">Mobile No
</span></label>
            <input type="text" class="form-control" id="email"</pre>
value="9003824096">
```

```
</div>
          <div class="form-group">
            <label for="quali"><span</pre>
class="black">Location</span></label>
            <input type="text" class="form-control" id="quali"</pre>
value="India">
          </div>
          <textarea class="form-control" id="aboutyou" rows="3"</pre>
placeholder="Write few words about company"></textarea> <bre>
<br>
          <button type="submit" class="btn btn-primary btn-</pre>
success">Save changes</putton> <br> <br>
          </div>
        </form>
    </div>
    <div id="menu2" class="tab-pane fade">
```

```
<h3>Find the Condidate</h3> <hr>
     <br>
     <div class="container">
     <!_____
>
     <form>
                   <div class="input-group">
                      <input type="text" class="form-control"</pre>
id="myInput" placeholder="Look for a candidate">
                      <div class="input-group-btn">
                        <button class="btn btn-default"</pre>
type="submit">
                           <i class="glyphicon glyphicon-</pre>
search"></i>
                        </button>
                      </div>
                   </div>
                  </form> <br> <br>>
     <!____>
     <div style="width: 600px;">
                      <!-- Left-aligned -->
                      <div class="media">
                        <div class="media-left">
```

```
<img src="images/img_avatar1.png"</pre>
class="media-object" style="width:60px">
                            </div>
                            <div class="media-body">
                               <h4 class="media-heading">Name :
Mahadevan</h4>
          <h5 class="media-heading"> Qualification : B.E
(Computer Science Engineering )</h4>
          <button type="submit" class="btn btn-primary btn-</pre>
success">Know More </button> <br> <hr>
                            </div>
                          </div>
                     </div> <br>
<div style="width: 600px;">
                          <!-- Left-aligned -->
                          <div class="media">
                            <div class="media-left">
                               <img src="images/img avatar1.png"</pre>
class="media-object" style="width:60px">
                            </div>
                            <div class="media-body">
                               <h4 class="media-heading">Name :
Manikandan</h4>
          <h5 class="media-heading"> Qualification : B.E
(Computer Science Engineering )</h4>
          <button type="submit" class="btn btn-primary btn-</pre>
success">Know More </button> <br> <hr>
                            </div>
```

```
</div> <br>
      <div style="width: 600px;">
                          <!-- Left-aligned -->
                          <div class="media">
                            <div class="media-left">
                               <img src="images/img avatar1.png"</pre>
class="media-object" style="width:60px">
                            </div>
                            <div class="media-body">
                               <h4 class="media-heading">Name :
Kavi</h4>
          <h5 class="media-heading"> Qualification : B.E
(Computer Science Engineering )</h4>
          <button type="submit" class="btn btn-primary btn-</pre>
success">Know More </button> <br> <hr>
                            </div>
                          </div>
                    </div> <br>
      <div style="width: 600px;">
                          <!-- Left-aligned -->
                          <div class="media">
                            <div class="media-left">
                               <img src="images/img avatar1.png"</pre>
class="media-object" style="width:60px">
```

</div>

```
</div>
                            <div class="media-body">
                               <h4 class="media-heading">Name :
Ram < /h4 >
          <h5 class="media-heading"> Qualification : B.E
(Computer Science Engineering )</h4>
          <button type="submit" class="btn btn-primary btn-</pre>
success">Know More </button> <br> <hr>
                            </div>
                          </div>
                     </div> <br>
 </div>
</div>
</div>
<script>
  $ (document) .ready (function() {
    $("#myInput").on("keyup", function() {
    var value = $(this).val().toLowerCase();
    $("#myDIV *").filter(function() {
$(this).toggle($(this).text().toLowerCase().indexOf(value) > -1)
    });
    });
  });
  </script>
</body>
</html>
```

GITHUB & PROJECT DEMO LINK:

All the tasks of developing the application were uploaded on the github.

The github has been uploaded below.

https://github.com/IBM-EPBL/IBM-Project-53465-1661409305.git