

**Project Report On**

Online Job Portal

**Submitted By**

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**Submitted for**

Project Work

BCA Semester - VI (2022-23)

**Submitted To**



**S.G.M. English Medium College of Commerce and Management (SEMCOM)**

**CVM University**

**The Charutar Vidya Mandal University**

**S.G.M. English Medium College of Commerce and Management**

**(SEMCOM)**

**Vallabh Vidyanagar**

**CERTIFICATE**

**Date: 02/05/2023**

This is to certify that **Mihir P. Makwana** of BCA – SEM - VI (**Seat No. 6115118**) has worked on project entitled **Online Job Portal** from **20/12/2022** to **7/4/2023**. This (**101150606**) is an in-house project course of nine credits.

He / She was regular in his work and developed the project including analysis and design. He / She has completed the project satisfactorily.

**Principal**

**Project Guide**



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COMMERCE AND MANAGEMENT**

VALLABH VIDYANAGAR



This is to certify that

**Mr/Miss** **Mihir P. Makwana**

of **TYBCA - VI** Class, Exam Number **6115118**

has satisfactorily completed his / her term work in the course

**Project Work**

for the term ending

in March / April / Oct. / Nov. **2022-23**

Date : **02/05/2023**

Faculty

Principal

## **Acknowledgement**

"I express my heartfelt gratitude to all those who helped and supported me in the successful completion of this project.

Special thanks to my advisors, Professor **Ms. Palak Patel** Madam and **Mr. Abhishek Dave** Sir, for providing valuable guidance and constructive feedback throughout the project. I am also grateful to the college faculty for giving me the opportunity to work on this project and for providing the necessary resources.

I would also like to extend my thanks to my colleagues and friends for their support and encouragement during the course of the project.

Last but not least, I acknowledge the immense contribution of the internet and various online resources, without which this project would not have been possible.

Once again, I express my sincere gratitude to all those who supported me in making this project a success."

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# **Project Profile**

## **Introduction:**

**Project Title:** Online Job Portal

## **Project Goals:**

- To provide a platform for job seekers and employers to connect and find suitable job opportunities.
- To streamline the job search and application process for job seekers.
- To help employers easily find qualified job applicants.

## **Project Objectives:**

- To create a user-friendly website for job seekers and employers to use.
- To develop a database to store job listings and job seeker profiles.
- To implement an efficient search algorithm to match job seekers with suitable job openings.
- To provide secure user registration and login for job seekers and employers.
- To allow employers to send notifications to job seekers regarding the selection process.

## **Project Scope:**

- The job portal will be a web-based platform accessible through a web browser.
- Job seekers will be able to create a profile, upload their resume, and apply for jobs.
- Employers will be able to post job listings, search for suitable job seekers, and view job applications.
- Employers will also be able to send notifications to job seekers regarding the selection process.
- The job portal will be developed using Java, JSP, HTML, and CSS.

## **Expected Outcomes:**

- A functional job portal that meets the needs of both job seekers and employers.
- An efficient and effective platform for job seekers to find suitable job opportunities and for employers to find qualified candidates.
- Improved user experience for both job seekers and employers.
- Improved communication between employers and job seekers regarding the selection process.

## **The modules involved are:**

- Admin
- Job Seeker
- Job Provider
- Search
- Registration

Admin: In this module Admin will add all the qualifications, skill, experience, city, state, country and update and delete information about the job provider or job seeker he can also search for the job seeker and he can send mail to offer the job to job seeker and he can also see the jobs add by the job provider.

Job Seeker: In this module Job Seeker register himself and upload his resume and fill the profile give by admin and after login he will search for the job on various conditions and he can change his profiles and resume and he can apply for the jobs based on various conditions. He can see the response of the company and he can call the company person for the interview.

Employer: In this module Employer register himself and his company and after login he will add new job and he can search for the job seekers on various condition and he can offer the job to job seeker according to the job profile and he can also see the response from the job seekers and send the mail.

Search: This module will allow job seekers to search for jobs based on various conditions such as job title, location, industry, job type, etc. and will display the results based on the search criteria. Additionally, the job provider will be able to search for job seekers based on their qualifications, skills, experience, location, etc. and offer them the job accordingly. The Search module will be integrated with the Job Seeker, Job Provider, modules to ensure seamless communication between them.

Registration: The registration module allows job seekers and job providers to create their accounts on the online job portal. Job seekers can provide their personal information, educational qualifications, work experience, and upload their resumes. Job providers can register their company and provide company details. The module ensures the authenticity of the user by verifying their email address and mobile number. Once registered, users can log in to their accounts to access the services provided by the online job portal.

## **Features:**

1. **User-friendly interface:** A visually appealing and intuitive user interface designed for both job seekers and employers to use.
2. **Job Listings database:** A database to store job listings and job seeker profiles, allowing job seekers to easily find suitable job opportunities and employers to find potential candidates.
3. **Efficient search algorithm:** An algorithm to match job seekers with suitable job openings based on their skills, experience, and preferences.
4. **Secure user registration and login:** A secure system for user registration and login to ensure the privacy and security of users' personal and professional information.
5. **Employer notifications:** The ability for employers to send notifications to job seekers regarding the selection process, keeping both parties informed and engaged.
6. **Platform independence:** The use of Java and JSP allows for platform independence, making the website accessible from any device with an internet connection.
7. **Encrypted passwords:** Passwords are encrypted to ensure the security of users' accounts and protect their personal and professional information.

8. **Scalability:** The system is designed to be scalable to accommodate an increasing number of users and job listings, ensuring a smooth user experience even as the system grows.
9. **Future developments:** Potential future developments, such as resume building and management, advanced search filters, and a mobile application, will be considered to enhance the user experience and expand the capabilities of the Job Portal.

## **Scope of Work:**

### **I. Objectives**

- To provide a platform for job seekers to search for job listings and apply for positions
- To provide a platform for employers to post job listings and manage applicants
- To create a user-friendly interface for both job seekers and employers

### **II. Deliverables**

- A fully functional job portal website with a user-friendly interface
- A database for storing job listings and applicant information
- A system for job seekers to search for job listings and apply for positions
- A system for employers to post job listings and manage applicants

### **III. Timeline**

- Start Date: December 20, 2022
- End Date: April 07, 2023

### **Key Milestones:**

1. Completion of website design and user interface development by January 31, 2023
2. Completion of database development and integration by February 28, 2023
3. Completion of job seeker and employer functionality by March 31, 2023
4. Final testing and deployment by April 07, 2023

### **Testing and Deployment:**

Once the development of the job portal is complete, a rigorous testing process will be undertaken to ensure that the system is functioning as intended. The testing process will involve identifying and fixing any bugs, ensuring that the user interface is intuitive and easy to use, and verifying that the system meets the project goals and objectives. Once testing is complete, the system will be deployed to the production environment to make it available to users. This deployment will be carefully planned and executed to minimize any potential downtime or disruptions to users.



## **Needs of the Project:**

1. **User-Friendly Interface:** To create a user-friendly website that is easy to navigate and use for job seekers and employers.
2. **Efficient Search Algorithm:** To develop an efficient search algorithm that matches job seekers with suitable job openings.
3. **Secure User Registration and Login:** To provide secure user registration and login for job seekers and employers.
4. **Database for Job Listings and Job Seeker Profiles:** To develop a database to store job listings and job seeker profiles.
5. **Employer Notifications:** To allow employers to send notifications to job seekers regarding the selection process.
6. **Fast Load Times and Efficient Resource Use:** To optimize the website for fast load times and efficient use of resources to ensure a smooth user experience.
7. **Scalability:** To make the system scalable to accommodate an increasing number of users and job listings.

## **Conclusion:**

The Job Portal project is designed to address the needs of both job seekers and employers. By providing a user-friendly interface, an efficient search algorithm, and secure user registration and login, the project will provide added value to its users. The project will also store job listings and job seeker profiles in a database and allow employers to send notifications to job seekers regarding the selection process. These features are not available in existing job portals and will provide a unique solution to the job search process.

## An Existing System

The current job portals in the market are either job search engines or company-specific career websites. However, these portals have several limitations, including:

1. **Limited job listings:** The current job portals offer a limited number of job listings, which do not provide a comprehensive list of job opportunities.
2. **Lack of interaction between job seekers and employers:** The existing systems do not provide a platform for job seekers and employers to interact and find suitable job opportunities.
3. **Poor user interface:** The current job portals lack a user-friendly interface, making it difficult for users to navigate and use the website effectively.
4. **Inefficient search algorithms:** The existing systems do not have efficient search algorithms to match job seekers with suitable job openings.
5. **Insecure user registration and login:** The current job portals do not provide secure user registration and login, putting the users' personal and sensitive information at risk.

The proposed job portal aims to address these limitations by providing a platform for job seekers and employers to connect and find suitable job opportunities. The job portal will offer the following features:

1. **User-friendly interface:** The job portal will have a user-friendly interface, making it easy for job seekers and employers to use the portal effectively.
2. **Efficient search algorithm:** The job portal will use an efficient search algorithm to match job seekers with suitable job openings.
3. **Secure user registration and login:** The job portal will provide secure user registration and login, ensuring the privacy and security of users' personal and sensitive information.
4. **Database to store job listings and job seeker profiles:** The job portal will store job listings and job seeker profiles in a database, providing a comprehensive list of job opportunities.
5. **Notification system for employers:** Employers will be able to send notifications to job seekers regarding the selection process.

The proposed job portal will offer additional benefits not found in the current job portals, providing added value to job seekers and employers.

## **Hardware and Software**

### **Hardware Specifications:**

- Processor: Pentium 4 (Dual Core)
- RAM: 256 MB
- HDD: 1.2 GB Hard Disk Space
- Monitor: VGA/SVGA Colour
- Mouse: Any Normal Mouse
- Keyboard: Any Windows Supported Keyboard

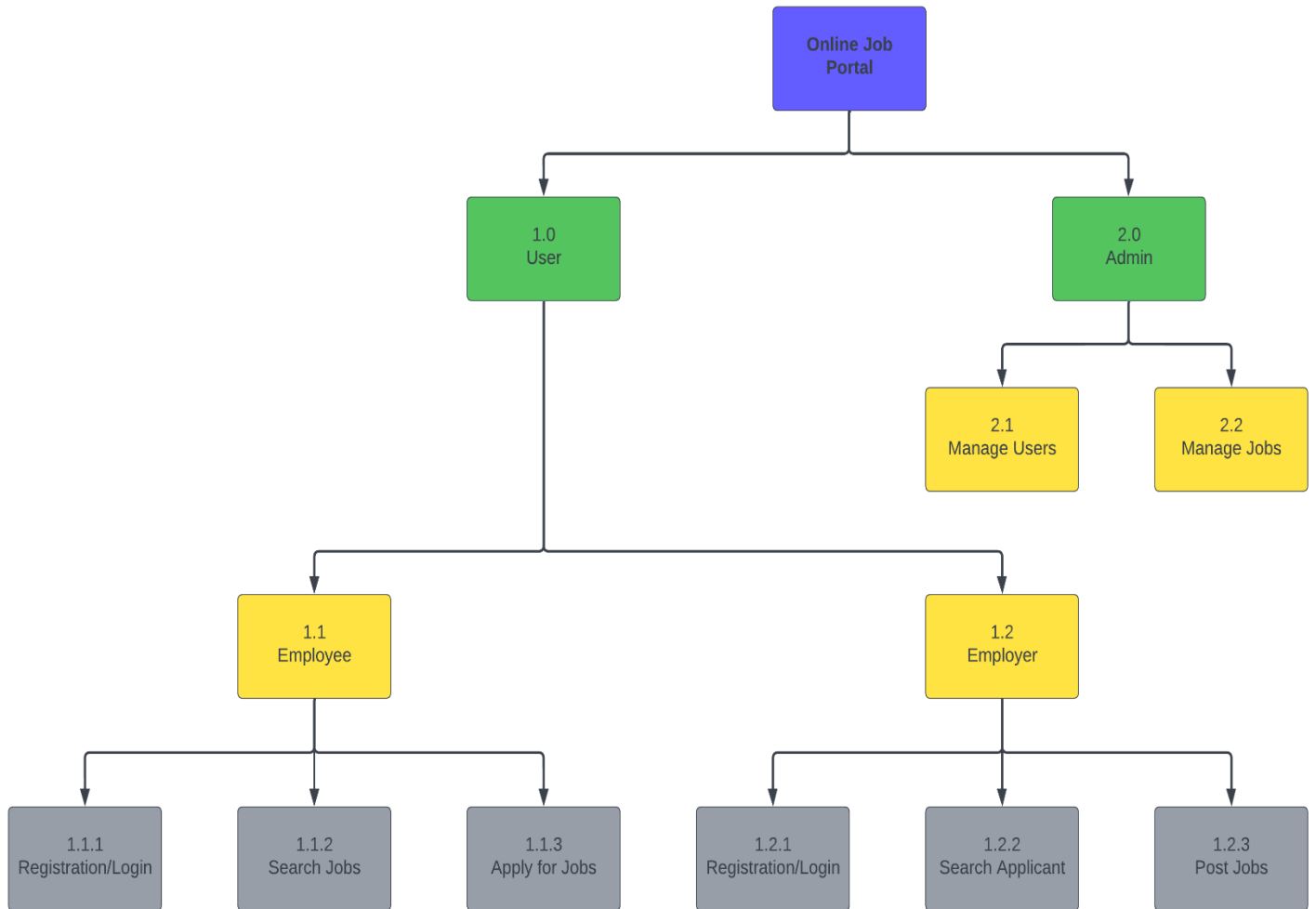
### **Software Specifications:**

Software consists of sets of instructions that mold the raw arithmetic and logical capabilities of the hardware units to perform specific tasks. The following software tools have been used to finalize the project, which are the basic requirements for the Online Job Portal project:

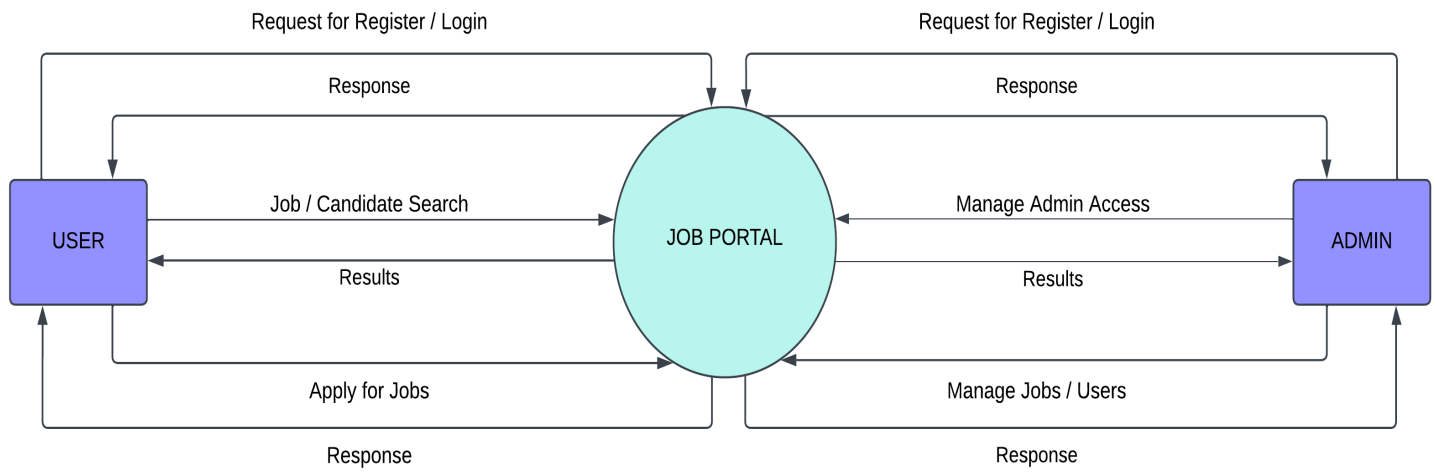
- **JDK 1.8**
- **Programming Language: JAVA, JDBC**
- **Web Tools: JSP, SERVLET, JDBC, HTML, CSS.**
- **Web Server: Apache Tomcat 9.0**
- **RDBMS: MySQL**
- **Operating System: MS Windows 7/8/10/11**

## Data Flow Diagram

### Process Hierarchy:

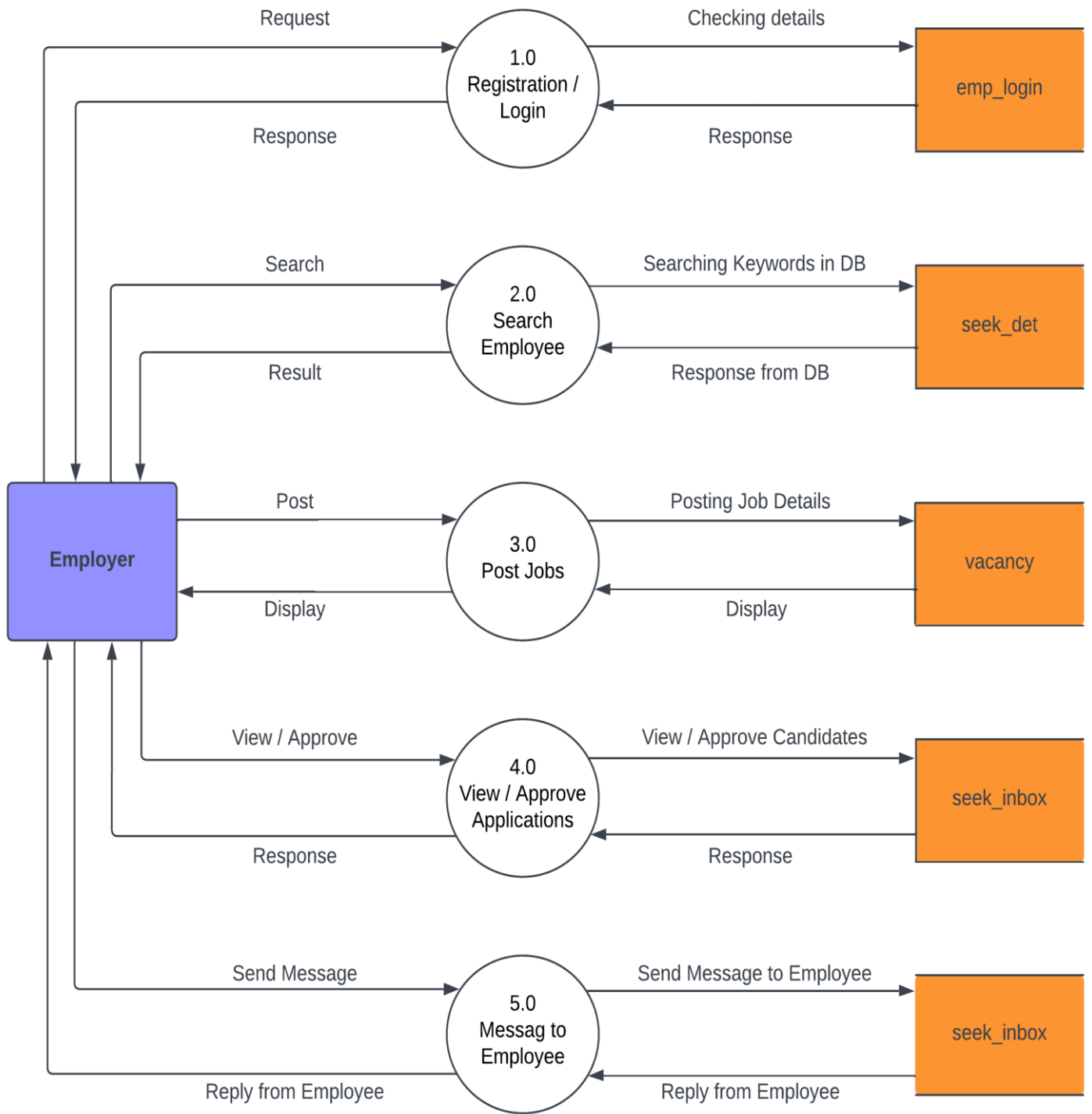


### Context Level DFD:

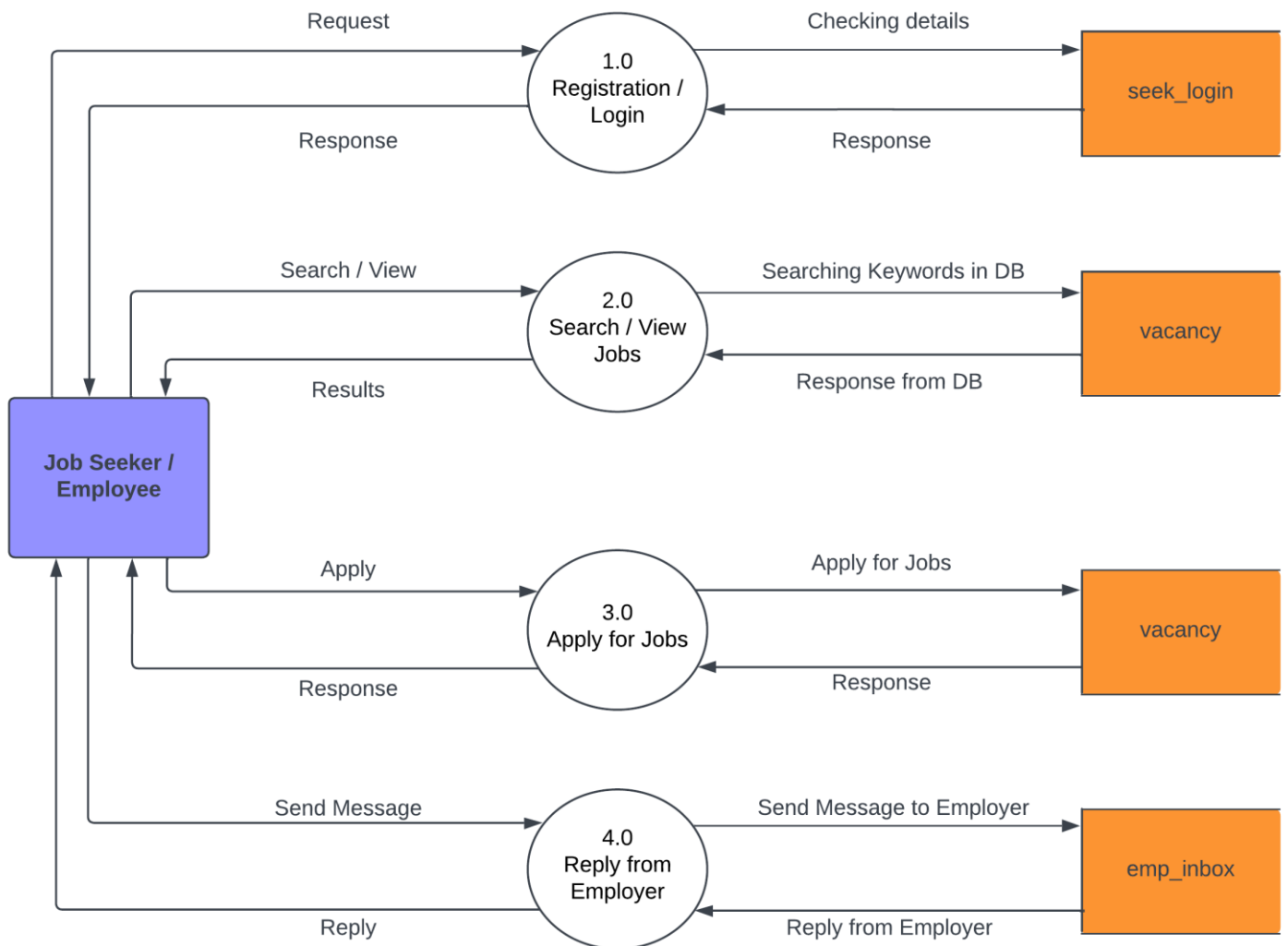


### **Zero - Level DFDs:**

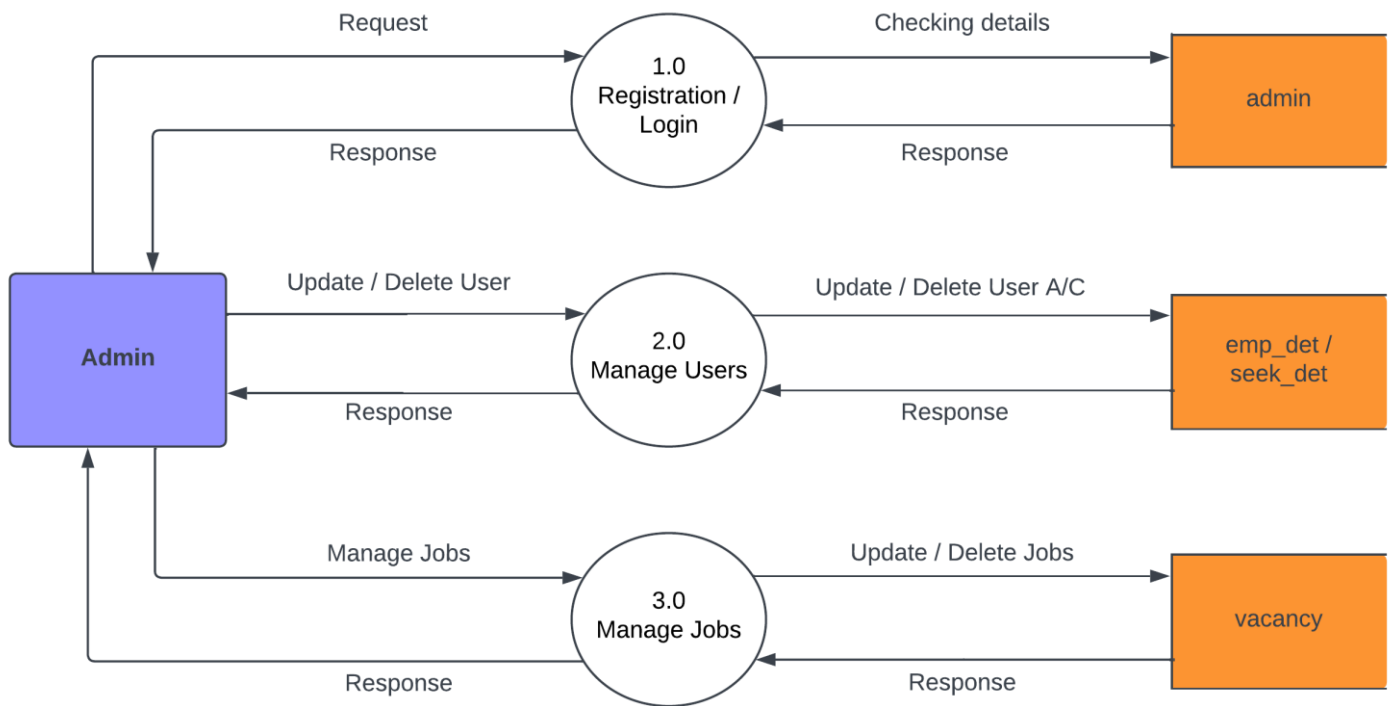
### **DFD of Employer:**



## DFD for Job Seeker/Employee:



## DFD for Admin:





## **Database Layout:**

### **Admin Table:**

Field Name	Data Type	Null	Key
u_id	Varchar(10)	Not null	Primary key
pwd	Varchar(20)	Not null	

The Admin Table contains information about the administrators of a system. It displays data for two fields: u\_id, which represents the administrator's ID and is the primary key, and pwd, which represents the administrator's password. Both fields are of the Varchar data type, and u\_id cannot be null.

### **Admin Det:**

Field Name	Data Type	Null	Key
u_id	Varchar(10)	Not null	Primary key
fname	Varchar(15)	Not null	
lname	Varchar(15)	Not null	
phone	bigint(10)	Not null	
country	Varchar(15)	Not null	
city	Varchar(15)	Not null	
doa	date	Not null	

The "Admin\_Det" table provides details of the administrator, including their unique ID, first name, last name, phone number, country, city, and date of admission. The "u\_id" field serves as the primary key for this table, ensuring that each administrator has a unique record.

### **Seek Det Table:**

Field Name	Data Type	Null	Key
j_id	Varchar(15)	Not null	Primary key
email	Varchar(30)	Not null	
f_name	Varchar(15)	Not null	
l_name	Varchar(15)	Not null	
phone_no	bigint(10)	Not null	
q_id	Varchar(10)	Not null	
skills	Varchar(20)	Not null	

city	Varchar(15)	Not null	
country	Varchar(15)	Not null	
doreq	date	Not null	

The Seek\_Det table contains details of job seekers, including their ID, name, contact information, qualifications, skills, and location. The table also includes the date when the job seeker submitted their details.

### **Experience Table:**

This gives the experience of all the job-seekers.

Field Name	Data Type	Null	Key
j_id	varchar(10)	not null	Primary key
job_cat	varchar(10)	Not null	
months	Int(2)	Not null	
f_name	varchar(15)	Not null	
l_name	varchar(15)	Not null	
skills	varchar(20)	Not null	
city	varchar(15)	Not null	
country	varchar(15)	Not null	
email	varchar(30)	Not null	

The Experience Table records the work experience of job seekers, including job category, number of months worked, first and last name, skills, city, country, and email. The j\_id field is the primary key, ensuring unique identification for each job seeker.

### **Seek Login Table:**

It stores the login id and password of the job seeker.

Field Name	Data Type	Null	Key
j_id	Varchar(10)	Not null	Primary key
pwd	Varchar(20)	Not null	

The Seek\_Login table stores the login credentials of job seekers, including their login ID and password. The j\_id field is the primary key, and the table does not allow null values for this field. The password field can also not be null and can hold up to 20 characters.

### **Seek Inbox Table:**

It maintains the inbox of the job-seeker.

Field Name	Data Type	Null	Key
j_id	Varchar(10)	Not null	Primary key
f_name	Varchar(15)	Not null	
email	Varchar(30)	Not null	
e_id	Varchar(10)	Not null	
emp_email	Varchar(30)	Not null	

The Seek\_Inbox table stores job-seeker information and maintains their inbox. It includes fields for the job-seeker's ID, first name, email, employer ID, and employer email. The j\_id field serves as the primary key for this table.

### **Emp Det Table:**

This gives the information of all the employers.

Field Name	Data Type	Null	Key
e_id	Varchar(10)	Not null	Primary key
email	Varchar(30)	Not null	
fname	Varchar(20)	Not null	
lname	Varchar(20)	Not null	
phone	bigint(10)	Not null	
address	Varchar(255)	Not null	
dor	date	Not null	

The Emp\_Det table provides information on all the employers and includes fields for employee ID, email, first name, last name, phone number, address, and date of registration. The primary key is the e\_id field.

### **Company Table:**

This stores the details of the company and their location.

Field Name	Data Type	Null	Key
reg_no	Int(11)	Not null	Primary key
e_id	Varchar(10)	Not null	

c_name	Varchar(10)	Not null	
addr1	Varchar(255)	Not null	
country	Varchar(15)	Not null	
city	Varchar(15)	Not null	

The Company Table contains information about registered companies and their locations. It stores data such as the registration number, company name, address, country, and city. The registration number serves as the primary key while the e\_id, which is a unique identifier for each company, and other fields are mandatory and cannot be left blank.

### **Vacancy Table:**

This shows the number of vacancies available and their details.

Field Name	Data Type	Null	Key
job_id	Int(11)	Not null	Primary key
c_name	Varchar(30)	Not null	
e_id	Varchar(10)	Not null	
job_cat	Varchar(10)	Not null	
no_vac	Int(3)	Not null	
q_id	Varchar(10)	Not null	
req	Varchar(30)	Not null	
addr1	Varchar(255)	Not null	
city	Varchar(15)	Not null	
country	Varchar(15)	Not null	
skills	Varchar(30)	Not null	
email	Varchar(30)	Not null	

The Vacancy Table contains information about the number of available job vacancies and their details. It includes the job ID, company name, employer ID, job category, number of vacancies, qualification ID, job requirements, address details, city, country, required skills, and email address.

### **Emp Login Table:**

It stores the login id and password of the employer.

Field Name	Data Type	Null	Key
e_id	Varchar(10)	Not null	Primary key
password	Varchar(20)	Not null	

The Emp\_Login table contains login credentials for employers, storing their login ID and password. The e\_id field is the primary key and stores the login ID as a string of up to 10 characters, while the password field stores passwords up to 20 characters long.

#### **Emp Inbox Table:**

It stores the employer inbox mail.

Field Name	Data Type	Null	Key
e_id	Varchar(10)	Not null	Primary key
f_name	Varchar(15)	Not null	
email	Varchar(25)	Not null	
j_id	Varchar(10)	Not null	
seek_email	Varchar(25)	Not null	

The Emp\_Inbox table is used to store employer inbox mail information for the Online Job Portal project. It contains fields for employer ID, first name, email, job ID, and seeker email. The e\_id field is the primary key of this table.

#### **Jobs Applied Table:**

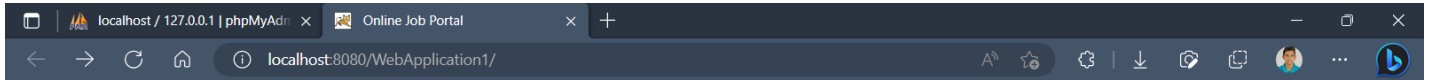
It stores the employer inbox mail.

Field Name	Data Type	Null	Key
appl_id	int(5)	Not null	Primary key
job_id	Varchar(5)	Not null	
j_id	Varchar(30)	Not null	
status	Varchar(30)	Not null	

The Jobs\_Applied table stores information about job applications, including the application ID, job ID, employer ID, and status of the application. The table serves as the employer inbox mail, where they can view and manage applications received from job seekers. The table's primary key is the appl\_id field, which uniquely identifies each application.

## Screens

**Online Job Portal:** This is the index page of the Online Job Portal, which provides an overview of the portal's features and includes hyperlinks to the Employee and Employer Register, Search, and Admin pages.



# ONLINE JOB PORTAL

Home | Employee Register | Employer Register | Search | Admin

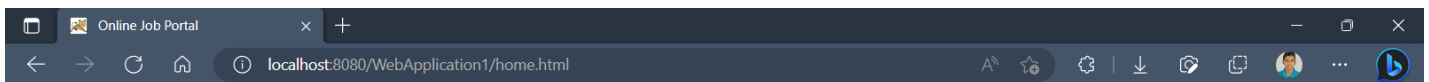
Welcome To Online Job Portal!

**Job Search** provides online solutions to various job-seekers. Provides a common platform for the employers and employees to interact with each other. Provides online e-business solutions. Job-seekers can now register for free and upload their resume for reference. Effectively maintains sessions separately for both sides to give an enhanced scenario.

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**Home Page:** This is the Home page of the Online Job Portal, which provides a search jobs section, an Employer and Employee Registration section, and filter-wise searching by category, location, and type of job.



# ONLINE JOB PORTAL

Home | Employee Register | Employer Register | Search | Admin

Online Candidates Search

Easy Way To Find Your Candidate!

Enter keywords, location to start your search.

Skills:  City:

Keywords(Eg: C, C++, Java), City(Eg: Mumbai, Bangalore)

Copyright © Online Job Portal

NEW EMPLOYERS?

[Click here to register now!](#)

Keep your user id and password safe!

ARE YOU A JOB SEEKER?

[CLICK HERE.](#)

EASE YOUR SEARCH BY

CATEGORY: [IT](#)|[Sales](#)|[Finance](#)|[Marketing](#)

LOCATION: [Delhi](#)|[Mumbai](#)|[Kolkata](#)|[Chennai](#)

TYPE: [Company](#)|[Placement Agency](#)



**Job Seeker/ Employee:** This is the Employee/Job Seeker page of the online job portal, which includes a registration form and a login form for job seekers/employees.

The screenshot shows a web browser window with the URL `localhost:8080/WebApplication1/seeker.html`. The page title is "Online Job Portal". The navigation bar includes links for Home, Employee Register, Employer Register, Search, and Admin. The main content area features a "CREATE YOUR OWN ONLINE RESUME:" button. Below this, the "PERSONAL DETAILS:" section contains input fields for E-mail, First Name, Last Name, Phone, Desired UserName, Password, and Re-type Password. To the right, an "IMPORTANT NOTICE" box states: "Keep your id and password safe! REGISTER FIRST TO LOG IN". Below this is a "JOB SEEKER LOGIN:" section with fields for Username and Password, and a "Sign in" button. Further down is an "ARE YOU EMPLOYER?" button and a "CLICK HERE." link. The "EDUCATIONAL DETAILS:" section is partially visible at the bottom.

Online Job Portal

localhost:8080/WebApplication1/seeker.html

# ONLINE JOB PORTAL

Home | Employee Register | Employer Register | Search | Admin

[CREATE YOUR OWN ONLINE RESUME:](#)

## PERSONAL DETAILS:

E-mail:

First Name:

Last Name:

Phone:

Desired UserName:

Password:

Re-type Password:

## EDUCATIONAL DETAILS:

**IMPORTANT NOTICE**

Keep your id and password safe!  
REGISTER FIRST TO LOG IN

**JOB SEEKER LOGIN:**

» Username:

» Password:

**ARE YOU EMPLOYER?**

[CLICK HERE.](#)

This screenshot shows the bottom portion of the registration page. The "EDUCATIONAL DETAILS:" section includes a "Qualification:" dropdown menu (set to "Aviation") and a "Key Skills:" text input field. Below this is the "PROFESSIONAL DETAILS:" section with a "Category:" dropdown menu (set to "Null") and an "Experience(in months):" text input field. The "LOCATION:" section features "Country:" and "City:" dropdown menus (set to "India" and "Delhi" respectively) and a "Submit" button. The footer contains the text "Copyright © Online Job Portal".

Online Job Portal

localhost:8080/WebApplication1/seeker.html

Re-type Password:

## EDUCATIONAL DETAILS:

Qualification:

Key Skills:

## PROFESSIONAL DETAILS:

Category:

Experience(in months):

## LOCATION:

Country:

City:

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**ARE YOU EMPLOYER?**

[CLICK HERE.](#)

**Employer:** This is the Employer page of the Online Job Portal. The page includes the registration and login form for Employers.

The screenshot shows a web browser window with the URL `localhost:8080/WebApplication1/employer.html`. The page title is "ONLINE JOB PORTAL". A navigation bar contains links: Home, Employee Register, Employer Register, Search, and Admin. The main content area is divided into two columns. The left column features a "New Employers-REGISTRATION:" section with a blue heading "EMPLOYER DETAILS:". Below this heading are input fields for E-mail, First Name, Last Name, Phone, Desired UserName, Password, and Re-type Password. The right column has an "IMPORTANT NOTICE" section with the text "Keep your id and password safe! REGISTER FIRST TO LOG IN". Below this is an "EMPLOYER LOGIN:" section with input fields for Username and Password, and a "Sign in" button. At the bottom of the right column is an "ARE YOU A JOB SEEKER?" section with a "CLICK HERE." link. The Windows taskbar at the bottom shows the time as 11:52 and the language as ENG.

Online Job Portal

localhost:8080/WebApplication1/employer.html

# ONLINE JOB PORTAL

Home | Employee Register | Employer Register | Search | Admin

## New Employers-REGISTRATION:

### EMPLOYER DETAILS:

E-mail:

First Name:

Last Name:

Phone:

Desired UserName:

Password:

Re-type Password:

### COMPANY DETAILS:

Company Name:

Registration No:

### LOCATION:

Address:

Country:

City:

### IMPORTANT NOTICE

Keep your id and password safe!  
REGISTER FIRST TO LOG IN

### EMPLOYER LOGIN:

» Username:

» Password:

»

### ARE YOU A JOB SEEKER?

[CLICK HERE.](#)

This screenshot shows the bottom portion of the "ONLINE JOB PORTAL" Employer Registration page. It includes the "COMPANY DETAILS:" section with input fields for "Company Name" and "Registration No". Below this is the "LOCATION:" section with input fields for "Address", "Country" (set to "India"), and "City" (set to "Delhi"), followed by a "Submit" button. To the right, the "EMPLOYER LOGIN:" section is visible, showing input fields for "Username" and "Password" and a "Sign in" button. The "ARE YOU A JOB SEEKER?" section with the "CLICK HERE." link is also present. The Windows taskbar at the bottom shows the time as 11:52 and the language as ENG.

Online Job Portal

localhost:8080/WebApplication1/employer.html

Last Name:

Phone:

Desired UserName:

Password:

Re-type Password:

### COMPANY DETAILS:

Company Name:

Registration No:

### LOCATION:

Address:

Country:

City:

### EMPLOYER LOGIN:

» Username:

» Password:

»

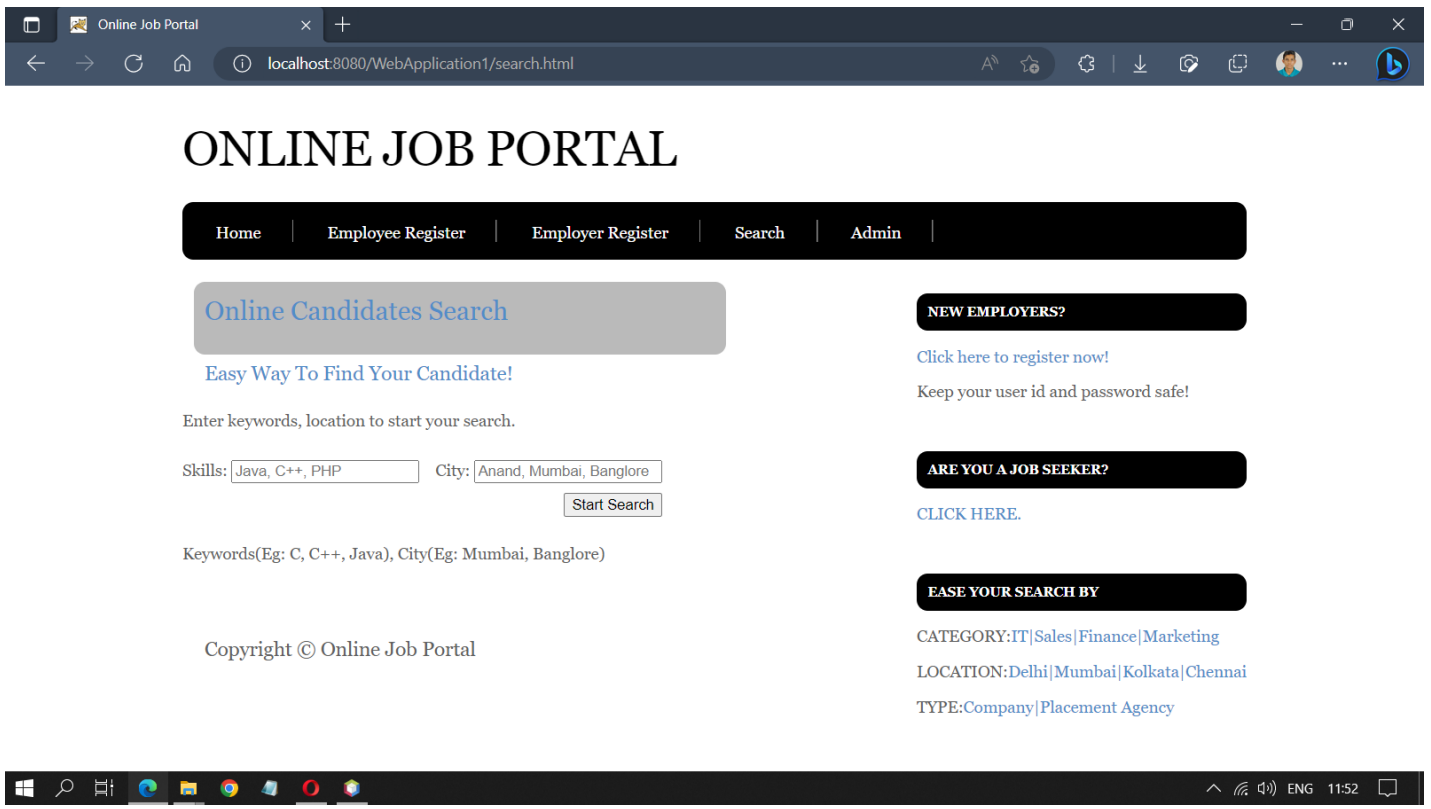
### ARE YOU A JOB SEEKER?

[CLICK HERE.](#)

Copyright © Online Job Portal



**Search:** This page allows employers to search for candidates by keywords such as job category and job skills. Employers can find suitable candidates for their job openings using the search function provided on this page.



The screenshot shows a web browser window with the address bar displaying 'localhost:8080/WebApplication1/search.html'. The page title is 'Online Job Portal'. The navigation bar includes links for Home, Employee Register, Employer Register, Search, and Admin. The main content area features a section titled 'Online Candidates Search' with the subtitle 'Easy Way To Find Your Candidate!'. Below this, there is a prompt to 'Enter keywords, location to start your search.' followed by input fields for 'Skills' (containing 'Java, C++, PHP') and 'City' (containing 'Anand, Mumbai, Bangalore'). A 'Start Search' button is positioned below these fields. A note below the inputs reads 'Keywords(Eg: C, C++, Java), City(Eg: Mumbai, Bangalore)'. At the bottom left, the copyright notice 'Copyright © Online Job Portal' is visible. On the right side, there are three black buttons: 'NEW EMPLOYERS?', 'ARE YOU A JOB SEEKER?', and 'EASE YOUR SEARCH BY'. Below the 'NEW EMPLOYERS?' button is a link 'Click here to register now!' and the text 'Keep your user id and password safe!'. Below the 'ARE YOU A JOB SEEKER?' button is a link 'CLICK HERE.'. Below the 'EASE YOUR SEARCH BY' button are three links: 'CATEGORY:IT|Sales|Finance|Marketing', 'LOCATION:Delhi|Mumbai|Kolkata|Chennai', and 'TYPE:Company|Placement Agency'.

Online Job Portal

Home | Employee Register | Employer Register | Search | Admin

## Online Candidates Search

Easy Way To Find Your Candidate!

Enter keywords, location to start your search.

Skills:  City:

Keywords(Eg: C, C++, Java), City(Eg: Mumbai, Bangalore)

Copyright © Online Job Portal

**NEW EMPLOYERS?**

[Click here to register now!](#)

Keep your user id and password safe!

**ARE YOU A JOB SEEKER?**

[CLICK HERE.](#)

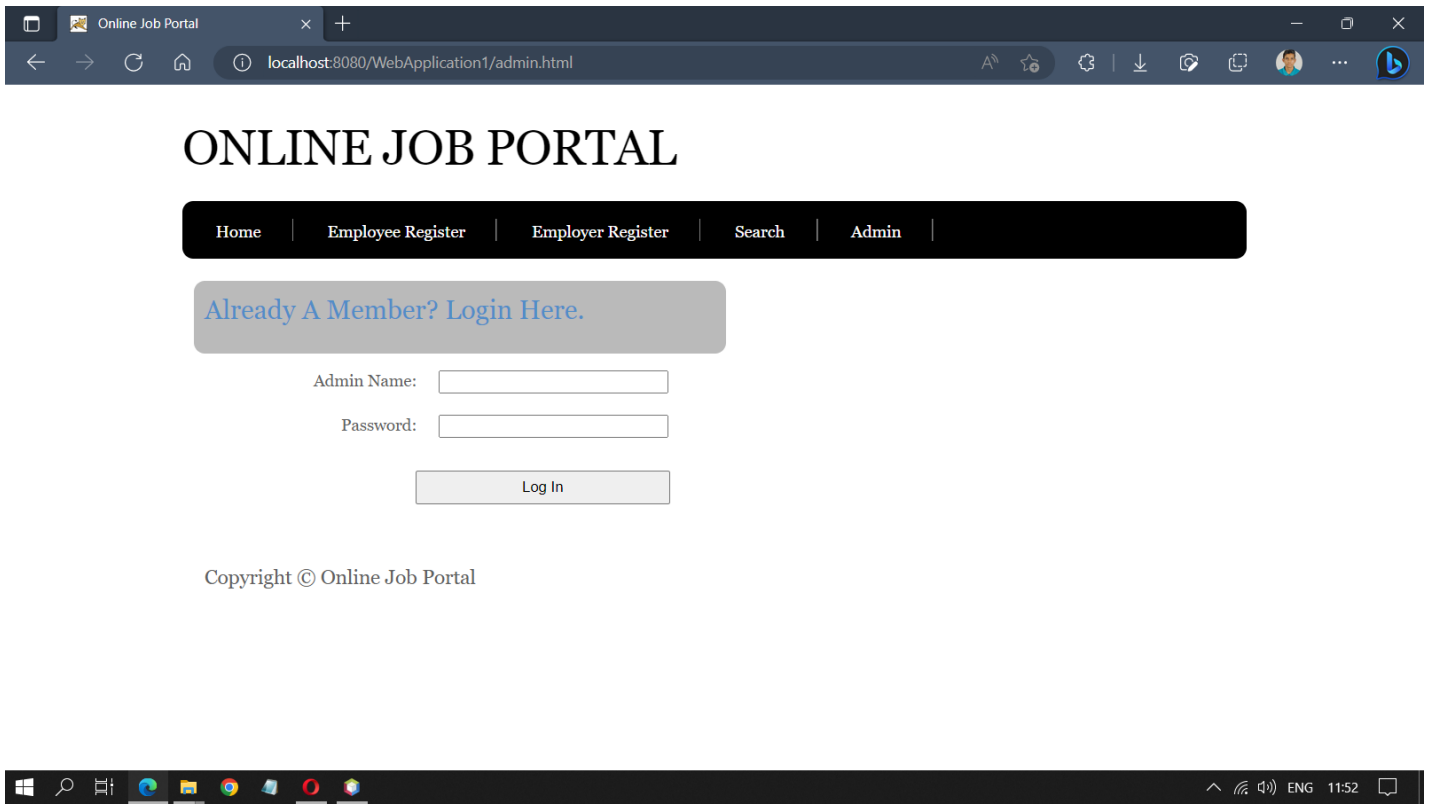
**EASE YOUR SEARCH BY**

[CATEGORY:IT|Sales|Finance|Marketing](#)

[LOCATION:Delhi|Mumbai|Kolkata|Chennai](#)

[TYPE:Company|Placement Agency](#)

**Admin:** This is the login page that facilitates the login form for the admin.



The screenshot shows a web browser window with the address bar displaying 'localhost:8080/WebApplication1/admin.html'. The page title is 'Online Job Portal'. The navigation bar includes links for Home, Employee Register, Employer Register, Search, and Admin. The main content area features a section titled 'Already A Member? Login Here.' with a login form. The form has two input fields: 'Admin Name:' and 'Password:'. Below these fields is a 'Log In' button. At the bottom left, the copyright notice 'Copyright © Online Job Portal' is visible.

Online Job Portal

Home | Employee Register | Employer Register | Search | Admin

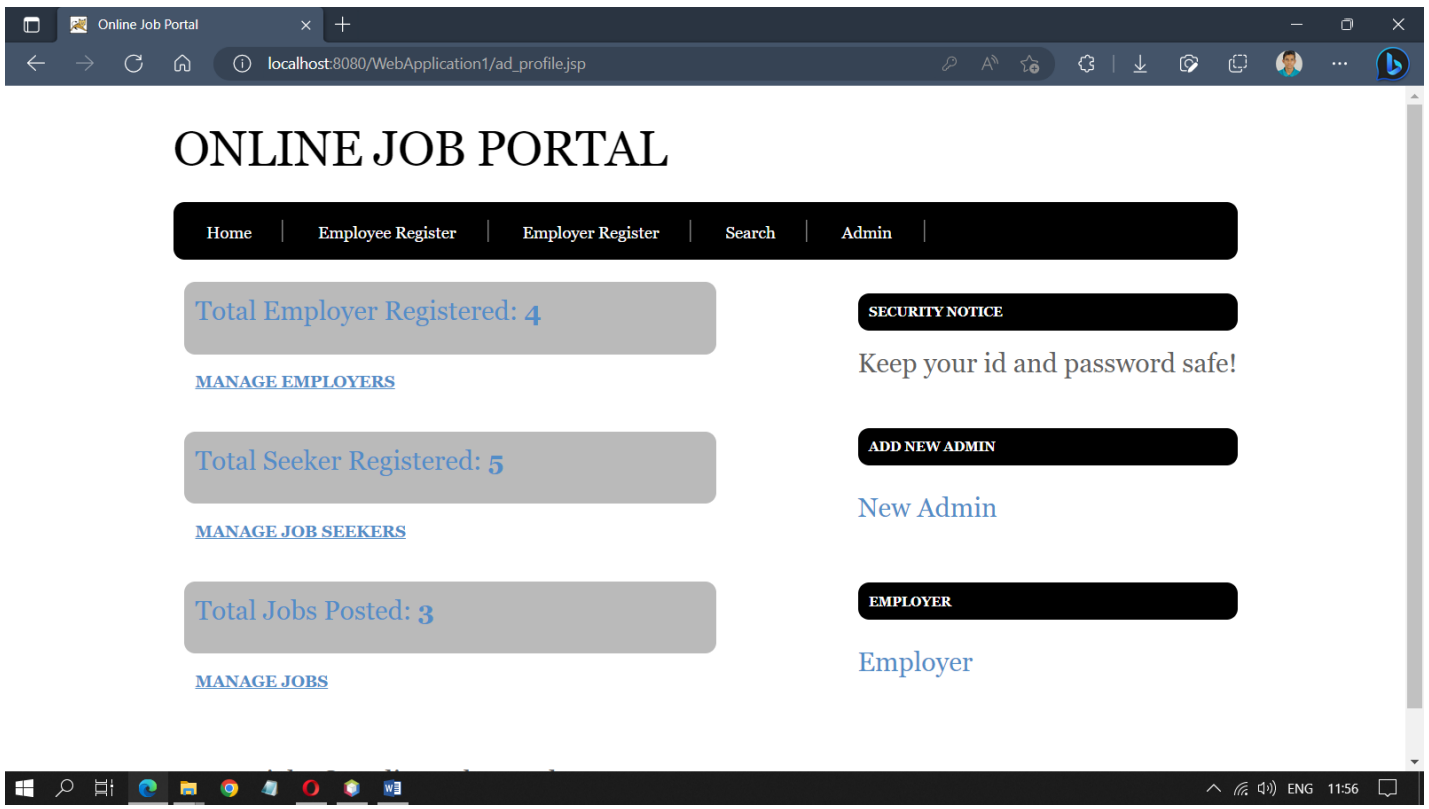
## Already A Member? Login Here.

Admin Name:

Password:

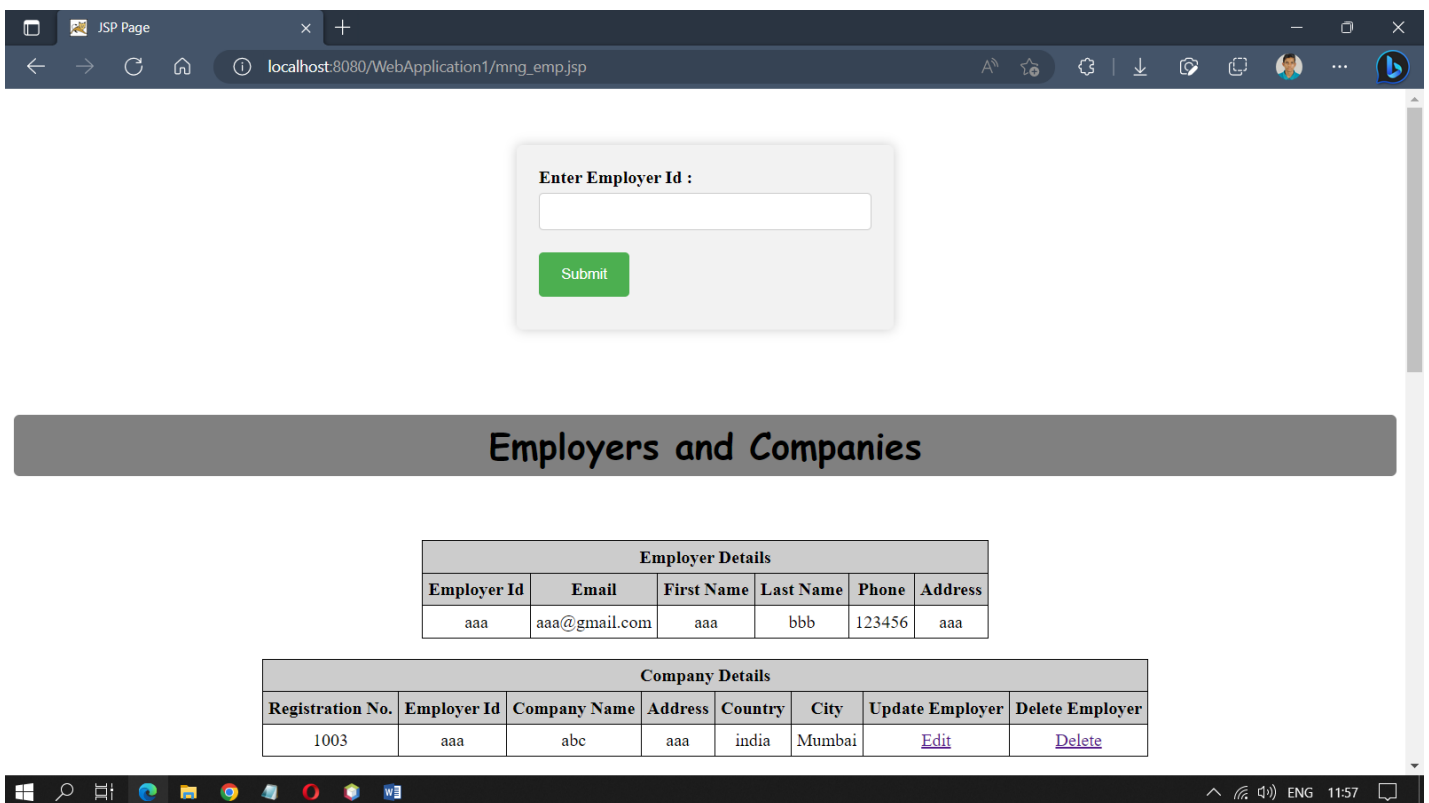
Copyright © Online Job Portal

**Admin Profile:** This is the profile page of the admin. On this page, the admin can see the total number of employers, employees, and jobs. The admin can manage employers, employees, and jobs.



The screenshot shows the 'Admin Profile' page of the 'Online Job Portal'. The browser address bar indicates the URL is 'localhost:8080/WebApplication1/ad\_profile.jsp'. The page features a navigation bar with links: Home, Employee Register, Employer Register, Search, and Admin. The main content area displays three statistics: 'Total Employer Registered: 4' with a 'MANAGE EMPLOYERS' link, 'Total Seeker Registered: 5' with a 'MANAGE JOB SEEKERS' link, and 'Total Jobs Posted: 3' with a 'MANAGE JOBS' link. On the right side, there are three sections: 'SECURITY NOTICE' with the text 'Keep your id and password safe!', 'ADD NEW ADMIN' with a 'New Admin' link, and 'EMPLOYER' with an 'Employer' link. The Windows taskbar at the bottom shows the time as 11:56.

**Manage Employer:** On this page, the admin can search for employers using their ID and edit or delete their information.



The screenshot shows the 'Manage Employer' page of the 'Online Job Portal'. The browser address bar indicates the URL is 'localhost:8080/WebApplication1/mng\_emp.jsp'. The page features a search form with the label 'Enter Employer Id :', a text input field, and a green 'Submit' button. Below the search form is a section titled 'Employers and Companies' which contains two tables. The first table, 'Employer Details', has columns: Employer Id, Email, First Name, Last Name, Phone, and Address. The second table, 'Company Details', has columns: Registration No., Employer Id, Company Name, Address, Country, City, Update Employer, and Delete Employer. The Windows taskbar at the bottom shows the time as 11:57.

Employer Details					
Employer Id	Email	First Name	Last Name	Phone	Address
aaa	aaa@gmail.com	aaa	bbb	123456	aaa

Company Details							
Registration No.	Employer Id	Company Name	Address	Country	City	Update Employer	Delete Employer
1003	aaa	abc	aaa	india	Mumbai	<a href="#">Edit</a>	<a href="#">Delete</a>

**Manage Employee:** On this page, the admin can search for employees by their ID and edit or delete their information as needed.

JSP Page x +

localhost:8080/WebApplication1/mng\_seek.jsp

Enter Seeker Id :

Submit

### Seekers and Experience

Seeker Details								
Seeker Id	Email	First Name	Last Name	Phone	Qualifications	Skills	City	Country
IIT	ranjughosh@gmail.com	ranju kumar	ghosh	970922498	MCA	tally	Kolkata	india

Experience				
Job Category	Experience	skills	Update Seeker	Delete Seeker
finance	6300	tally	<a href="#">Edit</a>	<a href="#">Delete</a>

Windows taskbar: File Explorer, Chrome, VS Code, etc. System tray: ENG 11:57

**Manage Jobs:** On this page, the admin can search for posted jobs by their ID and delete job information.

JSP Page x +

localhost:8080/WebApplication1/mng\_jobs.jsp

Please enter the Employer ID of the job you want to find.

Enter Employer Id :

Submit

### Jobs

Company Name	Skills Required	No. of Vacancies	Job Category	Qualification	Requirements	Address	Country	City	Delete Job
aaa	c	2	finance	Diploma	Within 1 month	ddffgg	india	Mumbai	<a href="#">Delete</a>

Company Name	Skills Required	No. of Vacancies	Job Category	Qualification	Requirements	Address	Country	City	Delete Job
abcompany	c,c++	2	IT	B.C.A	Within 3 months	53-fre sector	india	Delhi	<a href="#">Delete</a>

Windows taskbar: File Explorer, Chrome, VS Code, etc. System tray: ENG 11:57

**New Admin Page:** This page allows an existing admin to add a new admin.

Online Job Portal

localhost:8080/WebApplication1/new\_admin.html

# ONLINE JOB PORTAL

Home | Employee Register | Employer Register | Search | Admin

## New Admin-REGISTRTION FORM:

### USER DETAILS:

First Name:

Last Name:

Phone:

Country:

City:

Desired UserName:

Password:

Re-type Password:

**SECURITY NOTICE**

Keep your id and password safe!

**HOME**

[Home](#)

**EMPLOYER**

[Employer](#)

Online Job Portal

localhost:8080/WebApplication1/new\_admin.html

# ONLINE JOB PORTAL

Home | Employee Register | Employer Register | Search | Admin

## New Admin-REGISTRTION FORM:

### USER DETAILS:

First Name:

Last Name:

Phone:

Country:

City:

Desired UserName:

Password:

Re-type Password:

**SECURITY NOTICE**

Keep your id and password safe!

**HOME**

[Home](#)

**EMPLOYER**

[Employer](#)

Copyright © Online Job Portal

**Post Job:** On this page, the employer can post new jobs based on their requirements.

Online Job Portal

localhost:8080/WebApplication1/post\_job.html

# ONLINE JOB PORTAL

Home | Post Job | Employee Register | Search | Log Out

New Jobs Available?Post It Here.

COMPANY DETAILS:

Company Name:

Key Skills:

No of vacancy:

0

Category:

Null

Qualification:

Aviation

Requirement:

Immediate

LOCATION:

Address:

ADVANCED SEARCH

Search Resume.

CHECK YOUR INBOX:

» Username:

» Password:

» Check Inbox

ARE YOU A JOB SEEKER?

CLICK HERE.

EASE YOUR SEARCH BY

Online Job Portal

localhost:8080/WebApplication1/post\_job.html

New Jobs Available?Post It Here.

COMPANY DETAILS:

Company Name:

Key Skills:

No of vacancy:

0

Category:

Null

Qualification:

Aviation

Requirement:

Immediate

LOCATION:

Address:

Country:

India

City:

Delhi

Submit

ADVANCED SEARCH

Search Resume.

CHECK YOUR INBOX:

» Username:

» Password:

» Check Inbox

ARE YOU A JOB SEEKER?

CLICK HERE.

EASE YOUR SEARCH BY


CATEGORY:IT|Sales|Finance|Marketing

LOCATION:Delhi|Mumbai|Kolkata|Chennai

TYPE:Company|Placement Agency

Copyright © Online Job Portal

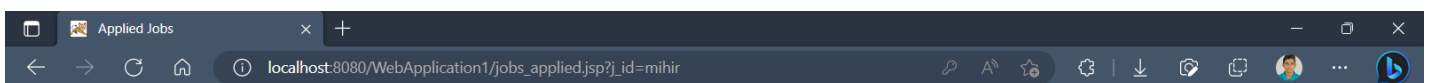
**Job Posted Page:** On this page, employers can view the jobs they have posted and edit the job details as needed.



The screenshot shows a web browser window with the address bar displaying 'localhost:8080/WebApplication1/jobs\_p.jsp'. The browser has a dark theme. The table below is rendered on the page.

Company Name	Skills Required	No. of Vacancies	Job Category	Qualification	Requirements	Address	Country	City	Update Job	Delete Job
Brilliance	Java, C++, PHP	3	IT	B.C.A	immediate	Anand	india	Mumbai	<a href="#">Edit</a>	<a href="#">Delete</a>

**Jobs Applied Page:** There are two Jobs Applied pages: one for the employer and one for the job seeker. The employer can view the list of candidates who have applied to the job, while the job seeker can view the list of jobs to which they have applied.



The screenshot shows a web browser window with the address bar displaying 'localhost:8080/WebApplication1/jobs\_applied.jsp?j\_id=mihir'. The browser has a dark theme. The page title is 'Applied Jobs'. Below the browser window, the section 'APPLIED JOBS' is followed by a table.

#### APPLIED JOBS

Applied ID	Job ID	Company	Employer Id	Category	Vacancy	Qualification	Requirement	Address	City	Country	Skills	Employer Email	Status
1	5	Brilliance	mihir	IT	3	B.C.A	immediate	Anand	Mumbai	india	Java, C++, PHP	mihirpmakwana786@gmail.com	pending

APPLIED JOBS

IT

Applied ID	Job ID	Company	Seeker Id	Category	Vacancy	Qualification	Requirement	Address	City	Country	Skills	Seeker Email	Status
5	5	Brilliance	mihir	IT	3	B.C.A	immediate	Anand	Anand	Mumbai	immediate	Brilliance	IT

## **Limitations**

1. Hardware and software requirements: The system has certain hardware and software requirements which may limit its accessibility to users who do not have the necessary equipment or software.
2. Security vulnerabilities: Despite efforts to ensure secure user registration and login, there may still be potential security vulnerabilities that could put user data at risk.
3. Limited scope: The system is designed to address specific limitations of existing job portals, but it may not cover all the possible features that users may want or need.
4. Limited testing: The system may not have undergone extensive testing in all possible scenarios, which could lead to unforeseen errors or issues.
5. Reliance on third-party services: The system may rely on third-party services such as web servers and databases, which could be subject to downtime or other issues outside of the project team's control.
6. User adoption: The success of the project may depend on user adoption and engagement, which could be difficult to predict or control.

## **Conclusion**

In conclusion, the Online Job Portal project is a comprehensive solution that enables job seekers and job providers to connect with each other easily. The project includes various modules such as Admin, Job Seeker, Job Provider, Notification, Search, Report, and Authentication, which provide a user-friendly interface for users to navigate and interact with the system. The Admin module allows administrators to manage the system and maintain data integrity. Job seekers can register themselves, upload their resumes, and search for jobs based on various conditions using the Job Seeker module. Similarly, job providers can register themselves, post job vacancies, and search for job seekers based on their qualifications and skills using the Job Provider module. The Notification module allows administrators and job providers to send notifications to job seekers in the form of emails. The Report module generates various reports based on job seekers, job providers, and job vacancies, which can be accessed by the admin. The Search module, which was missing in the initial description, is also a crucial part of the project that allows job seekers and job providers to search for each other based on various criteria. The project has been developed using various software tools such as JDK 1.8, Java, JDBC, JSP, Servlets, HTML, CSS, Apache Tomcat 9.0, and MySQL. Overall, the Online Job Portal project provides a comprehensive platform for job seekers and job providers to interact with each other and fulfil their respective needs.



**BENEFITS:**

- The project offers several advantages to the users, such as being web-enabled and allowing data entry through simple and interactive forms.
- The system checks for data validity at every stage, preventing users from entering invalid data that could cause problems later.
- Users can update records, but primary data fields are restricted to maintain data validity.
- The project is user-friendly and provides easy navigation between options.
- The data storage and retrieval are systematic, making it faster and easier to maintain.
- The decision-making process is faster due to quicker information processing, and allocating sample results is also faster since users can access records from previous years.
- The latest technology ensures easier and faster data transfer, resulting in increased efficiency, accuracy, and transparency.

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