



American International University- Bangladesh

CSC 3222: Web Technologies

CO1.1 and CO2.1 Evaluation

Project Report

Fall 23-24

Project Title: **Job Portal**

Section: **E**

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Job Portal

Introduction:

JobPortal is a job search engine designed to make the process of finding a job on the internet easier for the user. It maps the huge selection of job offerings available on the internet in one extensive database by referencing job listings originating from job boards, recruitment agency websites. This project aims to mitigate the problem by creating a common platform for seeking and publishing jobs.

Background Study:

- ***bdjobs.com:*** *It is a popular online job portal in Bangladesh. It provides facilities to search and download regional job circulars in Bangladesh.*
- ***monster.com:*** *It is an international job portal which provides extra career building facilities like career advice, resume checkup, as well as salary tools beside the main job searching features.*
- ***glassdoor.com:*** *It is an online job portal provides free versatile tools for job seekers as well as employers to meet their requirements.*

Requirement Analysis:

1. User Category:

There are 3-types of Users here. They are:

- Admin
- Employer/Company
- Job Seeker

2. Feature List:

In this project the “Admin” has the following features:

- Manage new seeker’s registration.
- Approve and reject company registration.
- Manage admins.
- Manage posted jobs by company.
- Manage Profile



Job Portal

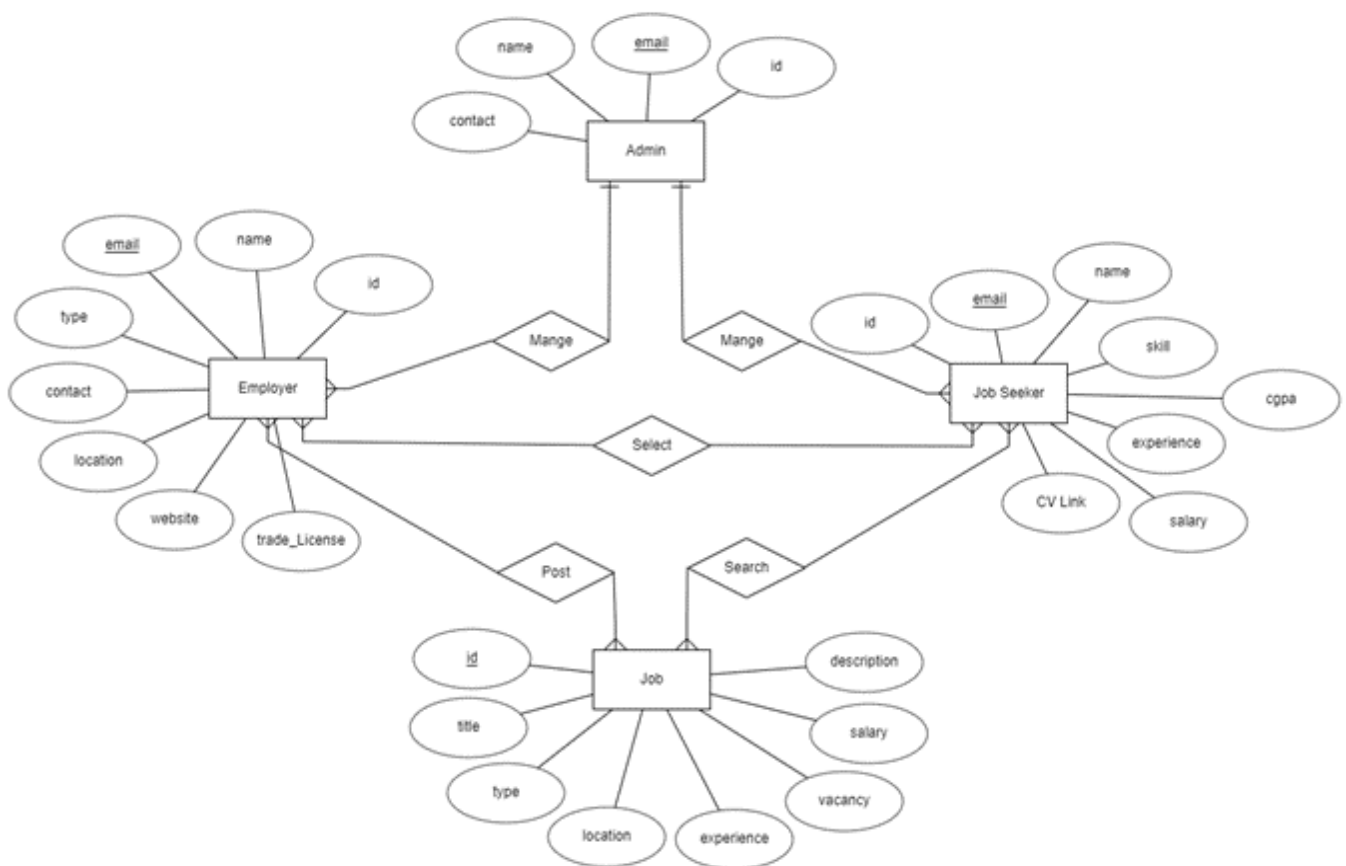
In this project the “Employer/Company” has the following features:

- Create new Job posts.
- Remove or edit posts.
- Search all job posts.
- Approve or reject job applications.

In this project the “Seeker” has the following features:

- Manage profile.
- Add info in resume.
- Search and apply for Jobs.
- Manage applied jobs.
- Notification of either application accepted or rejected.

Design:



Job Portal

Tools Used:

To develop this project, we have used the following:

- Visual Studio Code **1.85.0**
- Ampps **4.3**
- ERD Plus (Entity Diagram)
- Paint

System Images against the Specification:

Job Portal

Company Register Seeker Register Admin Register Contact Log In

Register as a Company

Name:

Username:

Password:

Confirm Password:

Email:

Type:

Contact Number:

Location:

Website:

License:

Register

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Figure 1: Employer/Company Registration Page

Description : This is the page where Employers or Companies are invited to register. They need to fill out the necessary information with actual validated data to register.



Job Portal



Log In

Username:

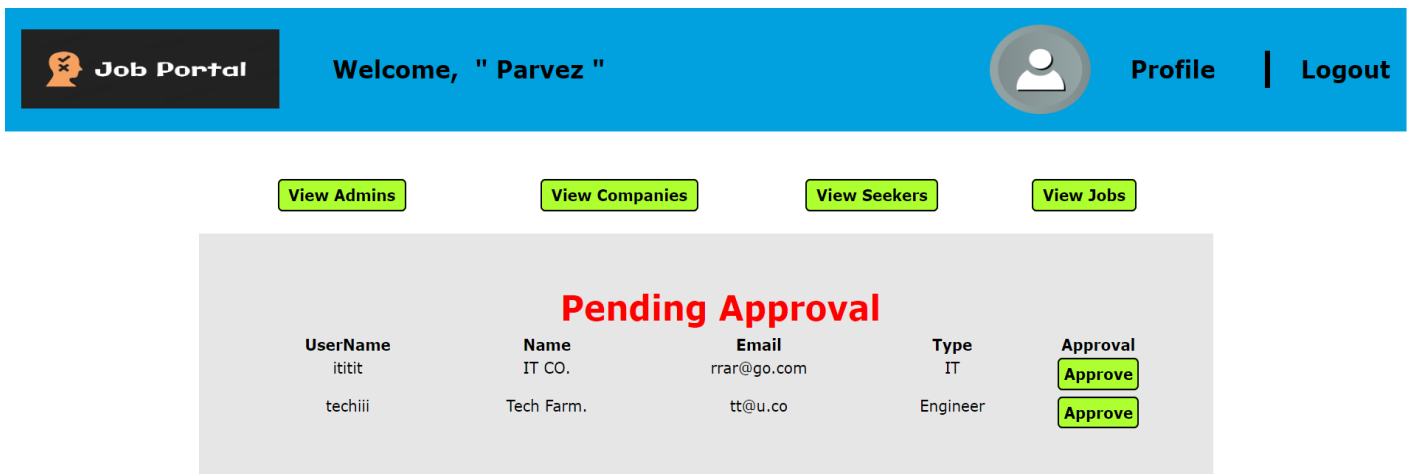
Password:

[Forgot password ?](#)

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Figure 2: Login page

Description : This is the page where All user can login. They need to fill in the credentials to login to the system.




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Figure 3: Admin homepage




Job Portal

Description : This is the page where admin can manage admins, companies and job seekers. On the other hand, admin can also manage jobs posted by Companies and update his/her profile.


Job Portal

Welcome, " Parvez "


[Profile](#) | [Logout](#)

[Go Back](#)

Job Title :
Company Name :

Category
Type
Salary
Experience
Location :

Select a Type
Any
Any
Any


[Search](#)

id	comp_id	comp_name	title	type	category	location	vacancy	salary	experience	description	Operation
25	82	gdfgdf fgdfgdfg	fdsfdsfs	part-time	Development	dqwdasd	25	19000	1	fsdefsd fsdf	Delete
27	63	Agro Limited	aaaaaaaaa	part-time	Garments	ffasfasfd	4	35000	4	gdfgfrgevd	Delete
30	82	gdfgdf fgdfgdfg	dwgtawfa	internship	IT	dwgadsad	5	17000	4	fwegasdfsa	Delete
31	82	gdfgdf fgdfgdfg	rwqfsdasa	full-time	Insurance	fsafasf	1	80000	4	hsdgdsfsdf	Delete
32	81	cczxcxcas fgdefscdv	dasdsafsdaf	part-time	Marketing	hreghrdg	5	25000	5	daswfafsdas	Delete

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Figure 4: Admin homepage

Description : This is the page where admin can manage jobs posted by Companies.


Job Portal

Welcome, " Agro Limited "

[Log out](#)

[Post a Job](#)
[View Jobs](#)
[Candidates Applied](#)

Posted Jobs

ID	Company Name	Title	Type	Category	Location	Experience	Vacancy	Salary	Operations
27	Agro Limited	aaaaaaaaa	part-time	Garments	ffasfasfd	4	4	35000	Remove Edit


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Figure 5: Companies homepage



Job Portal

Description : This is the page where Employers can manage jobs posting, editing, removing. They can also search for jobs by specific criteria and also can manage candidates who have applied for the post.

 Job Portal

Welcome, " Agro Limited "

Log out

Go Back

Title:

Type:

Location:

Catagory:

Experience:

Vacancy:

Salary:

Description:

☐ Part time ☐ Full time ☐ Internship


Select a Type

Post

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Figure 6: Companies job post page

Description : This is the page where Employers can post jobs by giving necessary valid information.

 Job Portal

Welcome, " Agro Limited "

Log out

Go Back

id	userID	comp_name	salary	title	category	type	approval	Operation
19	70	Agro Limited	40000	HR Deputy	Education	full-time	Pending	<div>Approve</div>

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Figure 7: Companies manage candidate page.

Description : This is the page where Employers can manage the candidates who have applied for the post.



Job Portal

Dashboard	Applied Jobs					
Notifications	Company Name	Salary	Title	Category	Type	Option
Personal Info	Agro Limited	20000	IT Manager	Security	internship	Cancel
Education	Agro Limited	40000	HR Deputy	Education	full-time	Cancel
Skill						
Work Experience						
Upload CV/Picture						
Change Password						
My Resume						
Job Search						
LogOut						

Figure 8: Seeker home page.

Description : This is the page where Seekers can manage his/her profiles, add information, resume view, apply for jobs, manage job applications, notifications about applications.

Dashboard	Company Name	Company Email	Contact Number	Title	Status
Notifications	Agro Limited	-----	-----	IT Manager	Not Approved
Personal Info	Agro Limited	abc.com	1111	HR Deputy	Accepted now contact through email
Education					
Skill					
Work Experience					
Upload CV/Picture					
Change Password					
My Resume					
Job Search					
LogOut					

Figure 9: Seeker job notification page.

Description : This is the page where Seekers can get notified about either his/her applications accepted or rejected.



Job Portal

Dashboard

Notifications

Personal Info

Education

Skill

Work Experience

Upload CV/Picture

Change Password

My Resume

Job Search

LogOut

Job Title :

Company Name :

Category

Type

Salary

Experience

Location

Select a Type

Any Type

Any Salary

Any Experience

location

Search

id	comp_id	comp_name	title	type	category	location	vacancy	salary	experience	description	Option
1	63	Agro Limited	HR Deputy	full-time	Education	DHAKA	1	40000	5	Fantastic	<div>Apply</div>
2	63	Agro Limited	IT Manager	internship	Security	Uttara	5	20000	1	very good	<div>Apply</div>

Figure 10: Seeker job apply page.

Description : This is the page where Seekers can search and apply for his/her desired position.

Impact of this Project:

As time moves forward, the population increases. This increase in population creates a scarcity of job opportunities in the market. This makes it hard for the unemployed to search for their desired jobs in the traditional method. This project will streamline the job searching method and provide the job seeker with versatility to find the job they are most suited for. Job portals are a simple, but effective tool. They create space for employers and employees and provide easier access to a wide array of jobs in different sectors and skill levels. They also reduce job-matching costs and fees associated with middlemen and head-hunters, as well as close the communication gap between the employers and the job seekers.

Limitations and Possible Future Improvements:

The user can only access online Job Portal from any computer/mobile that has internet connection and internet browsing capabilities. The Interface is provided only in English. So, the user should know English. The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.



Job Portal

Live Chat messenger, where the employers and job seekers can communicate with each other. A customized CV system may be implemented to keep a consistent format. Automated job suggestions according to the job seekers interests and CV. Advance notifications and report system may be implemented.

CO1.1 and CO2.1 Evaluation: Project Report Evaluation					
Project Proposal (5)	Background Study (5)	Requirement Analysis (5)	Entity Diagram (5)	System Images against the Specification (5)	Total (25)

