

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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**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

1. **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

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:**

**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:**

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.

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.

Figure 3: Admin homepage

**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.

Figure 4: Admin homepage

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

Figure 5: Companies homepage

**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.

Figure 6: Companies job post page

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

Figure 7: Companies manage candidate page.

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

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.

Figure 9: Seeker job notification page.

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

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.

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.

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| 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) |
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