



## Project Final Report

### Course Information

**Course:** CSE 480 Web Database Programming (Sections 1)

**Instructor:** Abdus Satter, Adjunct Faculty, CSE Dept.

### Project Name

<b>Title of Project</b>	JOB PORTAL
<b>Student (ID &amp; Name)</b>	Abu Naser (2016-2-60-148)

### Project Purpose

There is no place for mistakes in today's world, so we need such technologies to make our life more functional and successful where error-prone chances must be minimal. In this project scenario, we are expected to create a web-based Job Portal Management System framework. In this time of unemployment, hunting jobs is a craft of its own. This job site can be a bridge to those who pursue their dreams and those who want companions.

Each job seeker can access and apply for multiple jobs at a time through seeker's ID. The existing web-based Job Portal management system includes employee registration and profiles, job search, employer registration and profiles, etc. Employers can add their own profile and post jobs and job seekers can search for jobs based on geographical area (Country, State, and City), qualifications, and company wise or on the basis of experience or expertise etc.

In a brief, the main purpose of the job portal system is to simplify and automate the process of searching for jobs in various fields and maintain the records of job applicants, job offers, employee information, employer information etc.

### Project Goals and Objectives

The goals and objectives of the Job Portal System are as follows:

1. To allow the probable job seekers to search and match the job openings, and make applications to the employer for the job.
2. To provide an efficient employee information to the employer by recording the employees CV and profile.
3. To provide synchronized and centralized job seeking opportunities and job offers by employers in the database.
4. To provide immediate storage and retrieval of data and information.

## Project Description

The Job Portal Management System (JPMS) is a database application system that is to be used by the employers of various organizations or by job seekers to search for jobs. The system keeps the record of all the job offers, employer and applicants. This system also has the ability to keep track of the job seekers application records. This project intends to computerize the job offers in order to improve the record management efficiency due to the grown size of records of data.

## Scope

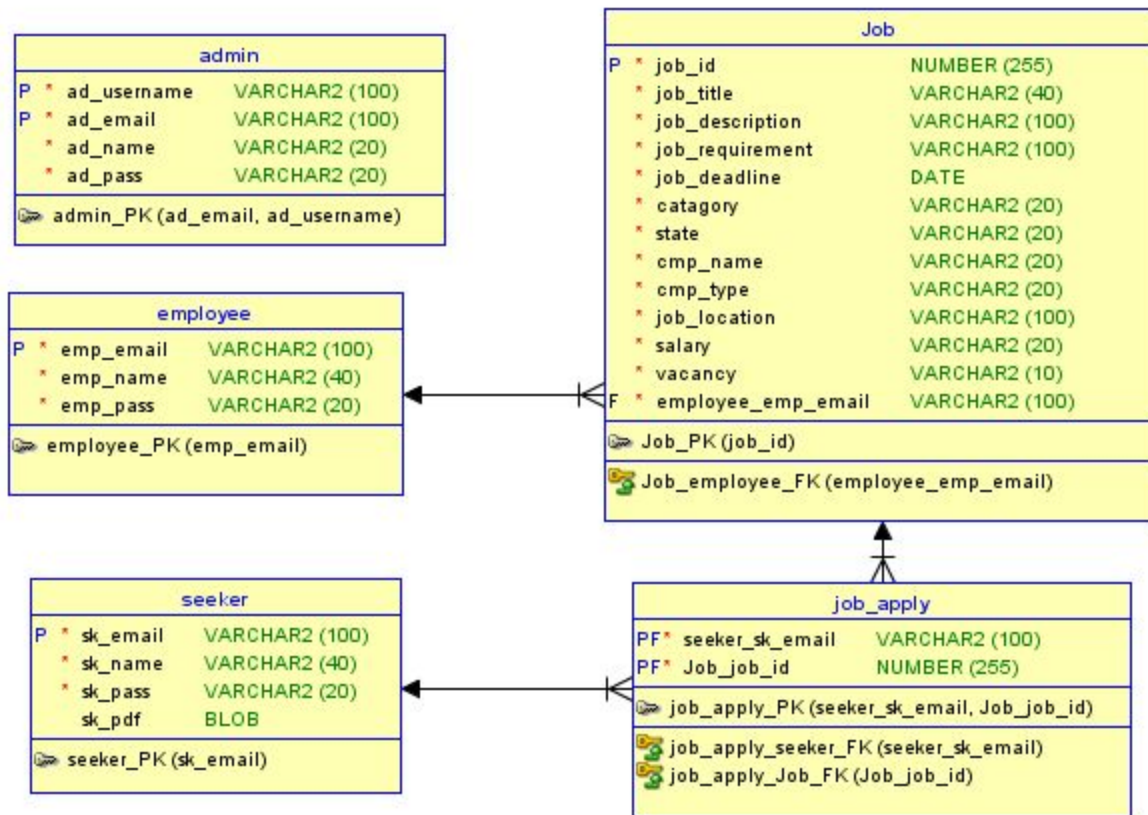
As a whole the system is focused to work with the Job portal system and on additional modification it can be also used as management systems of similar organizations.

## System Users

- **Administrators:** Has full privilege on the system's functions
- **Employer:** Has privilege on the system's functions as assigned by the administrator after being registered in the website as an employer. They can post jobs whenever they need to & see the applicants who applied for the respective job and can download their CVs and also can contact the applicants.
- **Job Seeker:** Has privilege on the system's functions as assigned by the administrator after being registered in the website as a job seeker. They can search jobs, apply for jobs, upload their CV and also create cv through the website.

## Database

ER Diagram:



## Processes


- **Home:** This page will provide the main interface. One can search jobs based on job title, category, company name, geographical location without registering but they can not apply.

Find what fits you

[Jobs](#)
[Companies](#)

Category			
Accounting/Finance	Agro (Plant/Animal/Fisheries)	Architecture	Banking/Non-Banking
Commercial/Supply Chain	Customer Care	Data Entry/Operator	Education
Electrician	Garments/Textile	IT & Telecommunication	Law/Legal
Medical/Pharma	NGO/Development	Research/Consultancy	Others

- **Sign up:** The system won't let one to create two id with the same email.


[Home](#)
[Jobs](#)

[Home](#) / [Sign Up](#)

Name

Email

Password

Confirm Password

The sign up page for seeker and employer are completely same but there is one extra feature for admin but admin can not sign up on his own only existing admin can give acces for another admin.

- **Login:** The system provides security features through username-password matching where only authorized users can access the system according to their authorization level.

The system has 3 login pages for seeker, employer & admin and all of them are quite similar except the admin page has one extra input option.

One can also use cookies while login but sadly there is no solution if one forget his/her email or password yet.



- **Job Application Management:** One can search for a job by their title, company name, job requirement, job location, category, deadline from home page. Also a list of categories is also shown on the homepage for your convenience.

Category			
Accounting/Finance	Agro (Plant/Animal/Fisheries)	Architecture	Banking/Non-Banking
Commercial/Supply Chain	Customer Care	Data Entry/Operator	Education
Electrician	Garments/Textile	IT & Telecommunication	Law/Legal
Medical/Pharma	NGO/Development	Research/Consultancy	Others

Beside this, one can directly go to the job section to see jobs which are ordered as their posted time.

<a href="#">Assistant IT Officer</a> <b>blah</b>	 <b>Card title</b> Some quick example text to build on the card title and make up the bulk of the card's content. <a href="#">Go somewhere</a>
Location: Banasree Requirement: Blah Blah Blah Blah Deadline- 2021-01-13	
<a href="#">Need a Trainee Executive</a> <b>blah</b>	
Location: Banasree Requirement: Blah Blah Blah Blah Deadline- 2021-01-13	
<a href="#">IT</a> <b>blah</b>	
Location: banasree Requirement: Blah Blah Blah Blah	

In order to see full description of a job one have to click onto the job title & from their they can apply for the jobs that suited them

<b>Assistant IT Officer</b> <b>blah</b>	 Wanna place ad here
<b>Vacancy</b> not specified	<b>Card title</b> Some quick example text to build on the card title and make up the bulk of the card's content. <a href="#">Go somewhere</a>
<b>Job Responsibilities</b> Blah Blah Blah Blah	 Wanna place ad here
<b>Job Requirements</b> Blah Blah Blah Blah	<b>Card title</b> Some quick example text to build on the card title and make up the bulk of the card's content.
<b>Job Location</b> Banasree	
<b>Salary</b> negotiable	
<b>Deadline</b> 2021-01-13	
<a href="#">Apply</a>	

- Seeker's Profile:** From the seeker's profile one can create cv, upload cv, download cv, edit password, edit profile details, delete the profile & also one can see where he/she has applied.

Kishor

Applied Job

Create CV

Upload CV

Download CV

Edit Profile

Edit Password


Delete Profile

Abu Naser

Phone: +8801798435813, +8801711140246

E-mail: [ab.naser01@gmail.com](mailto:ab.naser01@gmail.com)

Address: House #33/1, East Padardia, North Badda, Dhaka-1212, Bangladesh



OBJECTIVE

Looking for a challenging position for my career by using my skills for achieving the company's target. To grow my professional, moral, and spiritual life so as to have roles in any organizations in future with great integrity.

EDUCATION

B.Sc. in Computer Science & Engineering

East West University

CGPA: 3.1(on a scale of 4.00)

Year: 2020

Higher Secondary Certificate

The seeker’s profile will also show their uploaded cv inside their profile page.

- Create CV:** If one don’t have a cv they can create one form the website though the feature can’t upload photos in the cv & sadly there is no download option either. One have to download the cv manually through the browser.

Name:

Address:

Email:

Profile

About yourself

Employment History

Designation:

Company Name:

Company Address:

Educational

Degree	Institute	Grade	year
Degree	Institute name	Cgpa	Status

Skills

Title	Level

- Upload & download CV:** one can directly upload cv & download them later as well.

Name: Kishor

View Profile

Upload CV

Delete Profile

Upload File  No file chosen

Name: Kishor

View Profile

Upload CV

User	Filename	Downloads
Kishor	Resume.pdf	<a href="#">Download</a>

- **Edit profile information:** one can change their profile information like name & password. Sadly, forgot to add the email change option.

Name: Kishor

View Profile

Name

Password

Name: Kishor

View Profile

Delete Profile

Current PASSWORD

New PASSWORD

Confirm PASSWORD

Also one wants he/she can delete their profile as well.



[View Profile](#)  
[Edit Password](#)

Email

PASSWORD

☐ I agree all the terms

Delete

- **Can see where they have applied:** seekers can the records where they have applied.

Kishor  
[View Profile](#)

[Assistant IT Officer](#)  
**blah**

Location: Banasree  
Requirement: Blah Blah Blah Blah  
Deadline- 2021-01-13

[Need a Trainee Executive](#)  
**blah**

Location: Banasree  
Requirement: Blah Blah Blah Blah  
Deadline- 2021-01-13

- **Employer Profile:** Employers can post jobs, edit information or delete a post, manage seekers who have applied for a post (get information, view or download their cv) & also can edit profile information or delete profile.

Forget about traditional hiring process, your subordinates are one click away.

## Post a job

Hire with confidence. Post a job on our site to access more talent.

[Click Here](#)

## Applicants

Check applied applicants.

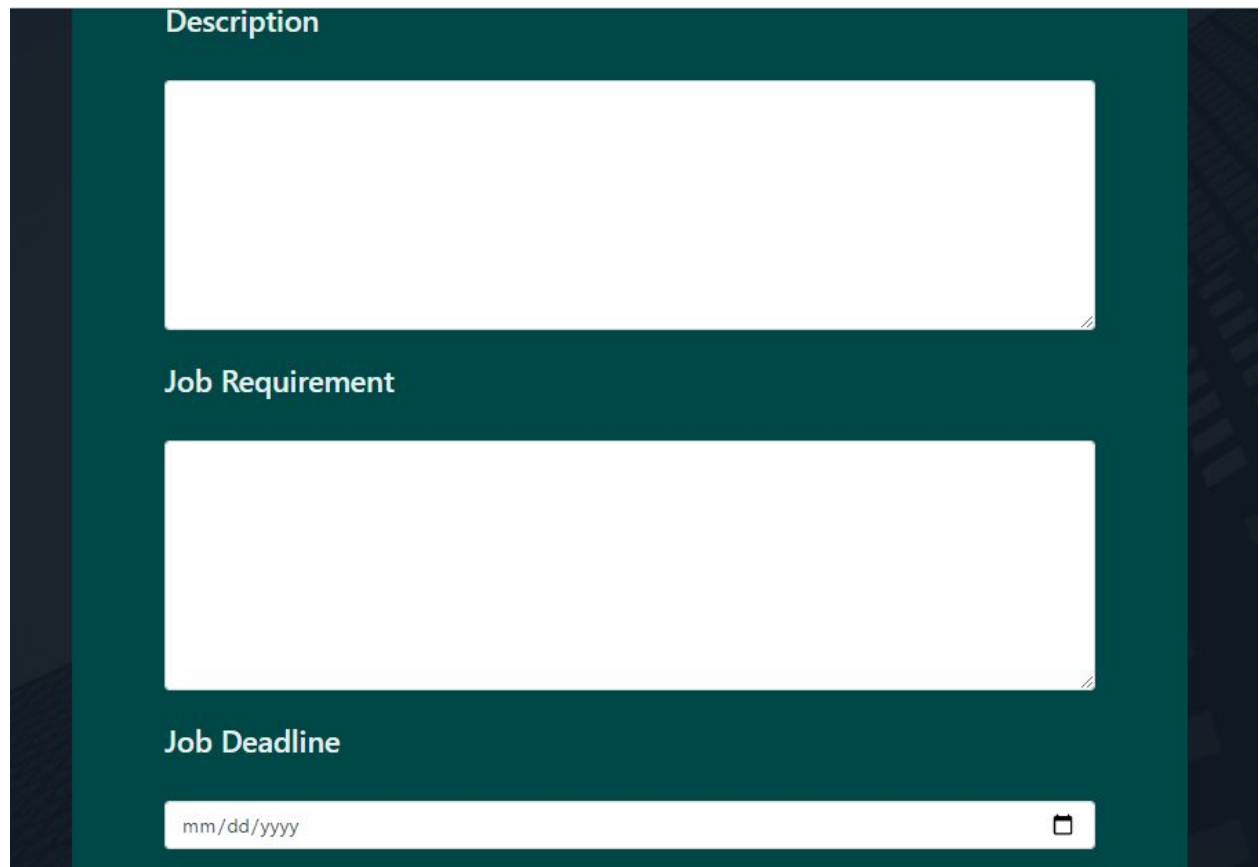
[Click Here](#)

## Manage posts

Effectively manage your job postings, communicating with applicants, and basic billing information.

[Click Here](#)

- **Post & manage a job:** they can post by clicking post a job and also delete or edit that post from manage post option.



The image shows a screenshot of a job posting form. The form is set against a dark teal background. It contains three main sections, each with a white text input field:

- Description:** The first section, with a large white text area.
- Job Requirement:** The second section, with a large white text area.
- Job Deadline:** The third section, with a white text input field containing the placeholder text "mm/dd/yyyy" and a small calendar icon on the right.

While editing post previous info will be automatically set their

Job Title

Assistant IT Officer

Description

Blah Blah Blah Blah

Job Requirement

Blah Blah Blah Blah

In order to manage post job info will be shown in a tabular format.

SL No	Job Title	Job Description	Job Requirement	Job Deadline	Category	State	Cmp Name	Cmp Type	Job Location	Salary	Vacancy
1	Assistant IT Officer	Blah Blah Blah Blah	Blah Blah Blah Blah	2021-01-13	IT	Dhaka	blah	Private	Banasree	negotiable	not speci
3	Need a Trainee Executive	Blah Blah Blah Blah	Blah Blah Blah Blah	2021-01-13	Commercial	Dhaka	blah	Private	Banasree	negotiable	not speci

Edit a post

Delete a post

One can either edit or delete from there.

- **Manage Applicants:** In the manage applicant page all the posted jobs will be shown and from their employers can see who has applied for which job.

Enter Job ID to see the applicants

[Show applicants](#)

Job ID: 1
Job Title Assistant IT Officer
Description: Blah Blah Blah Blah
Job ID: 3
Job Title Need a Trainee Executive
Description: Blah Blah Blah Blah

Employers can view or download seekers cv & also they can contact through email as well.

Name: Kishor
Email: kishor@gmail.com
<a href="#">View CV</a>
<a href="#">Download CV</a>
Name: Muhammad
Email: muhammad@gmail.com
<a href="#">View CV</a>
<a href="#">Download CV</a>

- **Edit Profile:** these features are similar to seeker which is one can change profile information, edit password & delete account. Sadly here also changing email account option wasn't added.
- **Admin Profile:** Admin can edit or delete any job post as well as ban any employer or seeker if there's any mischievous act. admin can login just like seeker & employer but there's no sign up page for admin. Only an admin can register another admin.



Naser

Hello Naser,

[Edit Profile](#)

[Edit Password](#)

[Deactivate Account](#)

Want to add another admin?

[Click here.](#)

- **Edit Profile:** These features are similar to other two where admin can edit username, password & delete his/her account.
- **Job edit or delete:** Admins can delete or edit any jobs posted by anyone. Also search jobs based on location, title, descriptions etc just like seeker.

## Need a Trainee Executive

blah

### Vacancy

not specified

### Job Responsibilities

Blah Blah Blah Blah

### Job Requirements

Blah Blah Blah Blah

### Job Location

Banasree

### Salary

negotiable

### Deadline

2021-01-13

Edit

Delete

- **Ban Employer or Seekers account:** Admin can ban any seeker's or employers id as he/she wishes.

Name: Mishkat
Email: mishkat@gmail.com
<a href="#">View Posted Job</a>

Ban ID

Also can see employers individual job posts and seekers uploaded files.

Name: Kishor
Email: kishor@gmail.com
<a href="#">View CV</a>
<a href="#">Download CV</a>

Ban ID

## Technology

**Frontend Language: PHP**

**Backend Language: MySql Database**