SOFTWARE REQUIREMENT SPECIFICATIONS

SUBMITTED BY,

AROMI S

BATCH:PYTHON 122

TOPIC:ONLINE JOB PORTAL

ABSTRACT

The project entitled "Online Job Searching" deals with registration of job. Here the job seekers should register their details before beginning the search. This is dealt with a minimal set of sample data and procedures that have been carried out online. The developed software acts as a prototype for job procedures. Through this project, we can also check for the availability of job in particular place as well as company the name will also get mentioned. The timings and other information can also be viewed online. This also displays options for job category. The user can select and register a specific category in which they are familiar with according to the job type its detail will be shown. The project also attempts to computerized activities.

MODULES

1. Admin

Admin can monitor the databases. Admin have the authority to add, remove or update the website information.Admin can handle user and recruiters information.

2. User

User can register/login in to the website.User can search jobs and find companies for jobs.

3.Recruiters

Recruiters can register/login in to the website.They can view the profile of users and select them for jobs.

DESIGN

1.User Login and Sign up Page

The first page has buttons for login and sign up. On clicking these buttons, it will open up a modal for their respective use cases. The login modal will have the following text boxes and the login button:

• **Username**: to enter the username. Username can be alphanumeric.

- **Password**: to enter the password. Password can be alphanumeric, can contain special characters and must be at least 8 characters in length.

There is also a provision to reset your password, in case the user forgets it. On login, the user will be redirected to the Home Page.

The sign up modal will have the following textboxes for the user to sign up to our website :

- **First_name**: to enter the first name. First_name must be entirely alphabetic.

- **Last_name**: to enter the last name. Last_name must be entirely alphabetic.

- **Email_id**: to enter the email address. Email can be alphanumeric and it must contain '@' symbol.

- **Password**: to enter the password. Password can be alphanumeric, can contain special characters and must be at least 8 characters in length. The password will be saved using encryption methods for security.

- **Phone number**: to enter the phone number. It must be entirely numeric and must be at least 10 characters long.

- The user will also have to verify a captcha to prevent bots from signing up to our webpage.

This registration will provide the user with customer profile id.

2. Home Page

The home page will have a navigation bar. In the navigation bar, a hyperlink to Recruiters page will be provided. The Recruiters can register through this page.

3. Job page

Here the users can search the jobs and apply for the job according to their choice

4. Admin Page

The Admin page can only be accessed by the admin of the website. The admin can add other users in admin page if required. Admin also has the authority to approve or reject a particular user registration request.

5. Cancel Page

In-order to perform cancel tasks user can cancel the applied post.

Database design

1. Jobs

Field Name	Data types	Constraint
job_id	int	primary key
job_name	varchar(50)	
job_location	varchar	

2. Recruiter

Field Name	Data Type	Constraint
recruiter_id	int	Primary key
recruiter_name	varchar(50)	
recruiter_location	varchar	
job_id	int	

3. User

Field Name	Data Types	Constraint
user_id	int	Primary Key
first_name	varchar	
last_name	varchar	
email_id	varchar	
phone_number	int	
username	varchar	
password	varchar	

4. Cancellation

Field Name	Data Type	Constraint
id	int	primary key
user_name	varchar	
customer_profile_id	int	