**Title of Project:** Job Recruitment Portal

**Group Number:** 01

**Group Members:**

| Student ID | Student Name |
| --- | --- |
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**Requirement Analysis**

**5.1. Functional Requirements:**

**5.1.1. Account Management:**

* System will allow individuals to register as an applicant or employer to create an account.
* Users can log in with their mail addresses and passwords.
* The system will send verification/confirmation code to registered phone-number or email after every login.
* System will record the user's data.
* Users will be able to get premium service based on subscription. Such as - new job alert, Custom CV format creation, Custom Job Application form etc.
* Accounts can be banned after violating terms and conditions depending on the policy.

**5.1.2. Employer Account:**

* Employers can create their “Organizational” profile.
* Employers can post job offers by clicking the “Job Post” option.
* Employers need to update job availability for their posted position regularly.
* Employers can take video interviews within the system.
* Employers can communicate/chat with an employee within the system.
* Employers can give commendations to the candidate, depending on the interview.

**5.1.3. Applicant Account:**

* Applicants can create their profiles.
* Applicants can add their preferred skillsets.
* Applicants can search for jobs.
* Applicants can apply for different jobs such as- freelance, part-time jobs, full time jobs and internships.
* Applicants can sit for online interviews.
* Applicants can communicate/chat with other users within the system.
* Applicants can utilize their commendations given by organizations in another interview.

**5.1.4. System:**

* Comprehensive and up-to-date information on job requirements.
* Internships, Part-time job posts, full-time job posts and freelance Job offers.
* Integrated chat and video conference service.
* Premium features containing job alerts, interview scheduling, CV formats and customizable job application forms for employers.
* The system will have a section for users to submit any kind of feedback, inquiries or complaints.
* Previous interview information will also be available in the system.

**5.1.5. Job Post:**

* Must contain the type of the job (full-time/ part-time/ freelance).
* Have to include necessary skillsets and minimum educational qualification.
* Have to include working hours, salary range,necessary contacts for applicants

**5.2. Non-Functional Requirements:**

**5.2.1. Operational**:

* Each registered user and job post will have a distinctive ID.
* System will be able to run on any device like desktops, laptops, mobile phones, tablets, etc.
* System will be able to run in any operating system like windows, android, ios, etc.
* System will be accessible through any web browser such as Firefox, Chrome, Edge, etc.
* System will be capable of connecting with the printers.(wireless/ wired)
* The system must ensure easy accessibility of products, customer care and service with efficiency and reliability.
* The system will have a light and dark theme.

**5.2.2. Performance**:

* Users will be able to load the system within 1 milliseconds.
* System will update info every 10 seconds.
* In the case of scrolling through the menu, there will be a delay of not more than 1 second before the next page of the portal is displayed.
* System features compressed yet hard to distinguish, quality pdfs to ensure faster load time irrespective of access devices.
* The website will be capable enough to handle 2000 users at a time.
* Minimum ram requirement for the system should be 1 GB.

**5.2.3. Security**:

* User verification based on NID/ Passport/ Bank account/ Student ID.
* System will not allow one user to create multiple accounts.
* Optional two step verification for every login attempt.
* Data integrity should be maintained if an error occurs or the whole system comes down.
* Transaction of money must be carried out by the affiliated partner banks or mobile banking services such as : Paypal, bKash, Nagad, Rocket, Upay, Sure cash, etc

**5.2.4. Cultural & Political:**

* Customers can use two currencies: BDT and USD for transactions
* Multiple languages will be supported.
* Customers' personal information is protected in compliance with the Data Protection Act.

**5.2.5.** **Usability:**

* New and old feature integration will be a breeze as the portal's backend will have built-in version control onboard.
* The system should maintain a proper user interface. Clicking buttons and navigating our site on a mobile phone, for example, should be as apparent and simple as on a desktop or laptop.
* The portal will feature maximum uptime as it will be able to switch in-between multiple servers to avoid the inconvenience of the customers due to server down.
* The user interface of the software will be easy to use.
* Font size can be changed according to the user’s preference.
* The layout should be adaptable and automatically modified when the screen size shrinks.
* Advertisements will be updated and any pending advertisements will be added after every 12 hours.