National University
Of Computer and Emerging Sciences

Assignment 2

Software Engineering

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1. Applicant Features

1.1 Manage Account (Update Profile Information)

Priority: High
User Story: As an applicant, I want to update my profile information so that my details remain accurate and up to date.
Acceptance Criteria:

- Users can edit and save their profile details.
- The system validates input before updating.
- Changes are stored in the database and reflect in the profile view.

1.2 View and Apply for Available Job Postings

Priority: High
User Story: As an applicant, I want to browse and apply for jobs so that I can secure employment.
Acceptance Criteria:

- Users can view job listings.
- Users can submit job applications.
- Confirmation is sent upon successful application.

1.3 Save Job Listings for Future Reference

Priority: Medium
User Story: As an applicant, I want to save job listings so that I can apply later.
Acceptance Criteria:

- Users can mark job listings as saved.
- Saved listings are accessible in the user dashboard.

1.4 View Employment Contract Details

Priority: High
User Story: As an applicant, I want to review my employment contract so that I can understand my employment terms.
Acceptance Criteria:

- Users can access and review contract details.

●   Contracts are displayed in a readable format.

1.5 View and Update Portfolio

Priority: Medium
User Story: As an applicant, I want to manage my portfolio so that I can showcase my work to recruiters.
Acceptance Criteria:

●   Users can upload/update portfolio items.
●   Portfolio changes are stored and displayed.

1.6 Track Application Progress

Priority: High
User Story: As an applicant, I want to track my job application status so that I can stay updated on my recruitment process.
Acceptance Criteria:

●   Users can see application status (Pending, Shortlisted, Rejected, etc.).
●   Notifications are sent for status changes.

1.7 Communicate with Recruiters and HR

Priority: High
User Story: As an applicant, I want to chat with recruiters and HR so that I can get updates and clarifications.
Acceptance Criteria:

●   Users can send and receive messages.
●   Message history is stored.

1.8 Book and Manage Appointments for Interviews

Priority: Medium
User Story: As an applicant, I want to schedule and reschedule interview appointments so that I can attend interviews at a convenient time.
Acceptance Criteria:

●   Users can book and modify interview appointments.
●   Recruiters receive booking notifications.

1.9 Compare Salaries & Benefits

Priority: Medium
User Story: As an applicant, I want to compare salaries and benefits so that I can make informed decisions.
Acceptance Criteria:

- Users can compare salaries of different jobs.
- Benefits and perks are displayed for comparison.

2. Recruiter Features

2.1 Manage Account Details

Priority: High
User Story: As a recruiter, I want to update my profile details so that my information is accurate.

2.2 Post and Manage Job Openings

Priority: High
User Story: As a recruiter, I want to post and manage job listings so that I can find suitable candidates.

2.3 Manage Applicant Shortlisting

Priority: High
User Story: As a recruiter, I want to shortlist candidates so that I can proceed with hiring the best talent.

2.4 Schedule and Conduct Assessments (Written Tests & Interviews)

Priority: High
User Story: As a recruiter, I want to schedule and manage assessments so that I can evaluate candidates.

2.5 Approve or Reject Job Applications

Priority: High
User Story: As a recruiter, I want to approve or reject applications so that I can finalize candidate selection.

2.6 Allow Bulk Job Applications

Priority: Medium
User Story: As a recruiter, I want to process bulk job applications so that I can manage large volumes efficiently.

2.7 Book, Reschedule, and Manage Appointments

Priority: Medium
User Story: As a recruiter, I want to book and manage appointments so that I can coordinate interviews effectively.

3. HR Features

3.1 Review and Generate Employment Contracts

Priority: High
User Story: As an HR manager, I want to create employment contracts so that I can formalize job offers.

3.2 Manage Internship & Training Program Listings

Priority: Medium
User Story: As an HR manager, I want to post internship programs so that I can attract trainees.

3.3 Ensure Compliance with Hiring Policies and Processes

Priority: High
User Story: As an HR manager, I want to enforce hiring policies so that the recruitment process remains fair.

4. Admin Features

4.1 Generate Detailed Recruitment Reports for All Actors

Priority: High
User Story: As an admin, I want to generate recruitment reports so that I can analyze hiring trends.

4.2 Manage User Roles and Permissions

Priority: High
User Story: As an admin, I want to control user permissions so that the system remains secure.

4.3 Ensure System Security, Including Two-Factor Authentication

Priority: High
User Story: As an admin, I want to enforce security policies so that user data is protected.

4.4 Oversee Automation of Interview Feedback Collection

Priority: Medium
User Story: As an admin, I want to automate interview feedback collection so that recruitment decisions are data-driven.

4.5 Monitor and Manage System-Wide Communication Processes

Priority: Medium
User Story: As an admin, I want to ensure smooth communication between users so that the recruitment process runs efficiently.