



IT- 314

SOFTWARE ENGINEERING

Group No- 13

Lab- 3 (Task-2)

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Task 2:

Develop the Product Backlog

- The product backlog must be written in the form of user stories
 - Consider all the stakeholders
 - Actors
 - Administrator
 - External Systems
 - Others Product Backlog with User Stories and Acceptance Criteria

Job Seekers

Front Card:

- **User Story:** As a job seeker, I want to register on the platform so that I can start applying for jobs.

Back Card (Acceptance Criteria):

- Registration forms should require fields like name, email, and password.
 - The user should receive a verification email upon registration.
 - The registration should be successful only after email verification.
 - The user should be redirected to the profile creation page after successful registration.
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Front Card:

- **User Story:** As a job seeker, I want to create a detailed profile on the platform so that recruiters can learn more about my qualifications and experience.

Back Card (Acceptance Criteria):

- The profile creation form should include sections for personal details, education, work experience, skills, and a profile picture.
 - The system should validate the input for mandatory fields and proper formats (e.g., date formats for education and work experience)..
 - Upon completion, the user should be able to see his/her profile.
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Front Card:

- **User Story:** As a job seeker, I want to log in and log out securely to access my account and keep my data safe.

Back Card (Acceptance Criteria):

- The login process should require a valid email and password.
- The user should be logged out from all sessions when clicking on the log-out button.

- Invalid credentials should display an error message without revealing if the email is registered.
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Front Card:

- **User Story:** As a job seeker, I want to update my profile information so that I can keep my details current and improve my chances of getting hired.

Back Card (Acceptance Criteria):

- The user should be able to update fields like name, email, phone number, address, and resume etc.
 - The system should validate the input for mandatory fields (e.g., name, email) and proper formats (e.g., email, phone number).
 - The user should receive a confirmation pop-up upon successfully updating their profile.
 - Changes should be reflected immediately in the user's profile.
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Front Card:

- **User Story:** As a job seeker, I want to reset my password if I forget it to regain access to my account.

Back Card (Acceptance Criteria):

- The user should be able to request a password reset via email.
 - The email should contain a secure link to reset the password.
 - The link should expire after a certain time for security.
 - The user should be able to set a new password, which must meet defined complexity criteria.
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Front Card:

- **User Story:** As a job seeker, I want to build a resume directly on the platform to create a professional document without external tools.

Back Card (Acceptance Criteria):

- The resume builder should include sections for education, experience, skills, and certifications.
 - Users should be able to rearrange and edit sections as needed.
 - A preview option should allow users to see how their resume will look.
 - The completed resume should be downloadable in PDF format.
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Front Card:

- **User Story:** As a job seeker/ unregistered user, I want to search for jobs by title or company name so that I can find opportunities that interest me.

Back Card (Acceptance Criteria):

- The search bar should accept keywords related to job titles and company names.
 - Search results should be displayed in real-time as the user types.
 - The results should be relevant and clickable, leading to detailed job descriptions.
 - The search function should include filters to narrow down results.
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Front Card:

- **User Story:** As a job seeker, I want to apply to jobs with a single click so that I can quickly submit my application.

Back Card (Acceptance Criteria):

- The "Apply" button should be prominent on job listings.
 - Clicking "Apply" should submit the resume and cover letter attached to the user's profile.
 - A confirmation message should appear after a successful application.
 - The applied job should move to an "Applied Jobs" section with tracking status.
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Front Card:

- **User Story:** As a job seeker, I want to track the status of my applications so that I know the progress of my job search.

Back Card (Acceptance Criteria):

- The platform should show statuses such as "Selected", "Under Review," and "Rejected."
 - Status updates should trigger notifications to the user.
 - Application history should be easily accessible in a dedicated section.
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Front Card:

- **User Story:** As a job seeker, I want to receive alerts for jobs that match my profile so that I don't miss new opportunities.

Back Card (Acceptance Criteria):

- User should be able to set preferences for job alerts based on location, skills, and industry.
 - Alerts should be delivered via email to user.
 - Alerts should only include jobs that closely match the user's criteria.
 - User should have the option to turn off alerts or adjust settings at any time.
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Front Card:

- **User Story:** As a job seeker, I want to provide feedback on the application process so that I can share my experience with the platform.

Back Card (Acceptance Criteria):

- The feedback should allow users to rate their experience and provide comments.
 - Submitted feedback should be stored and visible to the platform admin.
 - Users should receive a thank-you message after submitting feedback.
 - If user don't want to give feedback, he/she can skip it.
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Front Card:

- **User Story:** As a job seeker, I want to delete my account if I no longer wish to use the platform so that my data is removed securely.

Back Card (Acceptance Criteria):

- The delete account option should require user confirmation to prevent accidental deletions.

- All user data, including profile, resume, and application history, should be permanently deleted.
 - A final alert should confirm that the account has been deleted.
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Front Card:

- **User Story:** As a job seeker, I want to receive a confirmation message after applying for a job so that I know my application was successfully submitted.

Back Card (Acceptance Criteria):

- The confirmation pop-up should appear immediately after the application is submitted.
 - An email confirmation should also be sent to the user.
 - The confirmation should include details like job title, company name, and application date.
 - The applied job should move to the "Applied Jobs" section for tracking.
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Recruiters

Front Card:

- **User Story:** As a recruiter, I want to register on the platform so that I can start posting job listings and finding candidates.

Back Card (Acceptance Criteria):

- Registration forms should require fields like company name, recruiter name, email, and password.
 - The user should receive a verification email upon registration.
 - Registration should be successful only after email verification.
 - The user should be redirected to the company profile creation page after successful registration.
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Front Card:

- **User Story:** As a recruiter, I want to create a company profile on the platform so that job seekers can learn more about our organization and job opportunities.

Back Card (Acceptance Criteria):

- The company profile creation form should include sections for company name, industry, location, size, and a company logo.
 - The system should validate the input for mandatory fields and proper formats (e.g., address format, contact information).
 - Upon completion, the recruiter should be able to see his/her profile
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Front Card:

- **User Story:** As a recruiter, I want to log in and log out securely to access my account and keep my data safe.

Back Card (Acceptance Criteria):

- The login process should require a valid email and password.
- The user should be logged out from all sessions when clicking on the log-out button.

- Invalid credentials should display an error message without revealing if the email is registered.
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Front Card:

- **User Story:** As a recruiter, I want to post job listings so that I can attract potential candidates.

Back Card (Acceptance Criteria):

- The job posting form should require fields like job title, description, location, and required qualifications etc.
 - The system should validate the input for mandatory fields and proper formats (e.g., salary range, location).
 - The job listing should be published only after the recruiter confirms the details.
 - The recruiter should be able to edit or remove the job listing at any time.
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Front Card:

- **User Story:** As a recruiter, I want to manage job applications so that I can review candidates and progress them through the hiring process.

Back Card (Acceptance Criteria):

- The recruiter should see a list of all applications received for each job posting.
 - Applications should be sortable by criteria like date, status, and candidate name.
 - The recruiter should be able to update the status of an application (e.g., "Under Review," "Selected," "Rejected").
 - Status updates should trigger notifications to the candidate.
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Front Card:

- **User Story:** As a recruiter, I want to view detailed candidate profiles so that I can assess their suitability for open positions.

Back Card (Acceptance Criteria):

- The candidate profile should include sections like resume, skills, education, and experience.

- Recruiters should be able to bookmark or save candidate profiles for later review.
 - Profiles should be updated in real-time with any changes made by the candidate.
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Front Card:

- **User Story:** As a recruiter, I want to provide feedback on the hiring process so that the platform can improve its candidate matching.

Back Card (Acceptance Criteria):

- The feedback form should allow recruiters to rate the system and provide comments.
 - Submitted feedback should be stored and visible to the platform admin.
 - Recruiters should receive a thank-you message after submitting feedback.
 - If the recruiter does not want to give feedback, they should have the option to skip it.
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Front Card:

- **User Story:** As a recruiter, I want to delete a job listing if it is no longer needed so that I can manage my job postings efficiently.

Back Card (Acceptance Criteria):

- The delete option should require recruiter confirmation to prevent accidental deletions.
 - The job listing should be removed from the platform immediately upon deletion.
 - Any ongoing applications for the deleted listing should be marked as closed.
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Front Card:

- **User Story:** As a recruiter, I want to update job postings so that I can keep the information accurate and attract the right candidates.

Back Card (Acceptance Criteria):

- The recruiter should be able to edit fields like job title, description, location, salary, and qualifications.
- The system should validate the updated input for mandatory fields and proper formats (e.g., salary range, location).

- Changes to the job posting should be saved immediately and reflected on the platform.
- The recruiter should receive a confirmation pop-up upon successfully updating the job posting.

Admin

Front Card:

- **User Story:** As an admin, I want to manage job postings so that only legitimate job opportunities are listed on the platform.

Back Card (Acceptance Criteria):

- Admins should be able to review, approve, or reject job postings submitted by recruiters.
 - Rejected job postings should include feedback explaining the reason.
 - Approved jobs should appear live on the platform immediately.
 - Admin actions should be logged for audit purposes.
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Front Card:

- **User Story:** As an admin, I want to monitor platform performance so that I can ensure it runs smoothly and efficiently.

Back Card (Acceptance Criteria):

- The platform should provide real-time performance metrics, including server uptime, response times, and error rates.
 - Alerts should notify admins of any performance issues or downtime.
 - Admins should have access to detailed logs for troubleshooting.
 - A dashboard should provide a visual summary of platform performance.
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Front Card:

- **User Story:** As an admin, I want to review and respond to user feedback so that I can improve the platform experience.

Back Card (Acceptance Criteria):

- Feedback should be categorized by type (e.g., bug reports, suggestions, complaints).
- Admins should be able to mark feedback as addressed or pending.

- Responses to feedback should be sent to the user via email or platform notification.
 - Feedback should be stored in a database for future reference.
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Front Card:

- **User Story:** As an admin, I want to approve recruiter accounts so that only legitimate companies can post jobs.

Back Card (Acceptance Criteria):

- Recruiter account requests should be reviewed within 24 hours.
 - Admins should verify company details before approving the account.
 - Approved recruiters should receive a welcome email with instructions on posting jobs.
 - Rejected requests should include a reason and advice on reapplying.
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Front Card:

- **User Story:** As an admin, I want to handle user complaints so that I can resolve issues and maintain platform integrity.

Back Card (Acceptance Criteria):

- Complaints should be logged and categorized by type.
 - Admins should be able to assign complaints to appropriate team members for resolution.
 - Users should be notified when their complaint is being reviewed and when it is resolved.
 - Resolved complaints should be archived for future reference.
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Front Card:

- **User Story:** As an admin, I want to update the platform's terms and conditions so that they reflect current policies and legal requirements.

Back Card (Acceptance Criteria):

- Admins should be able to edit and publish updates to the terms and conditions.

- Users should be notified of any updates and prompted to accept the new terms.
 - Changes should be logged with timestamps and admin details.
 - Previous versions of the terms should be archived and accessible for reference.
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Front Card:

- **User Story:** As an admin, I want to generate reports on user activity so that I can analyse platform usage and trends.

Back Card (Acceptance Criteria):

- Reports should include metrics like the number of active users, job applications, and feedback submissions.
- Admins should be able to filter reports by date range and user type.
- Reports should be exportable in formats like CSV or PDF.
- The platform should generate reports quickly and accurately.

Thank You