

### Use Case 1: Uploading Skill Data from Resume

User story: As a user, I want to upload my resume so that the system can automatically extract my skills and populate my skill profile.

Acceptance criteria:

- 1 The system should allow users to upload resumes in common formats (e.g., PDF, DOC, DOCX).
- 2 The system should parse the resume and automatically identify and extract relevant skills.
- 3 The extracted skills should be displayed in the user's skill profile for review and editing.
- 4 If the system fails to extract skills, an error message should be displayed, prompting the user to manually enter their skills.
- 5 The upload process should be secure, and the user's resume should be stored securely.

### Use Case 2: Manually Adding Skills to Profile

User story: As a user, I want to manually add skills to my profile so that I can ensure all my competencies are accurately represented.

Acceptance criteria:

- 1 The system should provide a user-friendly interface for manually adding skills to the user's profile.
- 2 The interface should include a search functionality to allow users to select skills from a predefined skill library.
- 3 Users should be able to add custom skills that are not in the predefined library.
- 4 The system should allow users to categorize their skills (e.g., technical, soft skills, domain knowledge).
- 5 Users should be able to indicate their proficiency level for each skill (e.g., beginner, intermediate, expert).

### Use Case 3: Selecting a Target Role

User story: As a user, I want to select a target job role so that the system can compare my current skills against the required skills for that role.

Acceptance criteria:

- 1 The system should provide a search functionality to allow users to find target job roles from a predefined job role library.
- 2 The job role library should include a wide range of roles across different industries and functions.
- 3 Users should be able to view the details of each job role, including a description of the role and the required skills.
- 4 Users should be able to save multiple target job roles for comparison.
- 5 If a user cannot find a specific role, they should be able to request its addition to the library.

### Use Case 4: Viewing the Skill Gap Report

User story: As a user, I want to view a skill gap report so that I can understand the difference between my current skills and the skills required for my target role.

Acceptance criteria:

- 1 The system should generate a skill gap report that compares the user's current skills against the required skills for the selected target role.
- 2 The report should clearly identify the skills that the user possesses and the skills that are missing.
- 3 The report should visually represent the skill gap, using charts or graphs.
- 4 The report should provide a summary of the overall skill gap, indicating the percentage of required skills that the user possesses.
- 5 Users should be able to download the skill gap report in a PDF format.

### Use Case 5: Receiving Personalized Learning Path Suggestions

User story: As a user, I want to receive personalized learning path suggestions so that I can close the skill gaps identified in the report.

Acceptance criteria:

- 1 The system should recommend relevant learning paths or courses based on the user's skill gaps and learning preferences.
- 2 The learning paths should be curated from a variety of sources, including internal training programs, online courses, and external resources.
- 3 The system should consider the user's proficiency level and learning style when recommending learning paths.
- 4 Each learning path should include a description of the content, the estimated time to completion, and the learning outcomes.
- 5 Users should be able to save and track their progress on the recommended learning paths.

#### Use Case 6: Customizing Skill Proficiency Levels

User story: As a user, I want to adjust my proficiency levels for listed skills, so that the gap analysis more accurately reflects my capabilities.

##### Acceptance Criteria:

- 1 The system allows users to edit the proficiency level (e.g., Beginner, Intermediate, Expert) for each skill in their profile.
- 2 Changes to proficiency levels are immediately reflected in the skill gap report.
- 3 The system provides clear guidance on what each proficiency level entails.
- 4 Users can save their changes and revert to the previous settings if necessary.

#### Use Case 7: Integrating with External Learning Platforms

User story: As a user, I want the SkillLoop platform to integrate with platforms like Coursera and LinkedIn Learning, so that I can access suggested courses directly.

##### Acceptance Criteria:

- 1 The system can connect with Coursera and LinkedIn Learning via API.
- 2 Course suggestions from these platforms are displayed within the SkillLoop platform.
- 3 Users can navigate directly to the course pages on Coursera/LinkedIn Learning from SkillLoop.
- 4 The integration respects user privacy settings and requires explicit consent for data sharing.

#### Use Case 8: Receiving Notifications for New Learning Opportunities

User story: As a user, I want to receive notifications when new courses or learning paths that match my skill gaps become available, so that I can stay updated on relevant learning opportunities.

##### Acceptance Criteria:

- 1 The system sends notifications to users when new learning resources are added that match their identified skill gaps.
- 2 Users can customize the frequency and type of notifications they receive.
- 3 Notifications are delivered via email or in-platform alerts.
- 4 The notification system respects user preferences and complies with data privacy regulations.

#### Use Case 9: Manager Review of Skill Gap Analysis

User story: As a manager, I want to be able to view the skill gap analyses of my team members, so that I can better understand team skill distributions and plan training initiatives.

##### Acceptance Criteria:

- 1 Managers can access the skill gap reports of their direct reports.
- 2 Managers can compare the skill profiles of multiple team members.
- 3 Managers can view aggregated data on team skill gaps.
- 4 Manager access is controlled by appropriate user roles and permissions.

#### Use Case 10: Administering and Maintaining the Skill and Job Role Libraries

User story: As an administrator, I want to be able to maintain and update the skill and job role libraries, so that the platform remains accurate and relevant.

Acceptance Criteria:

- 1 Administrators can add, edit, and delete skills in the skill library.
- 2 Administrators can add, edit, and delete job roles in the job role library.
- 3 The system maintains a history of changes made to the libraries.
- 4 Changes to the libraries are reflected in the skill gap analysis reports.
- 5 Administrators can import and export skill and job role data in bulk.