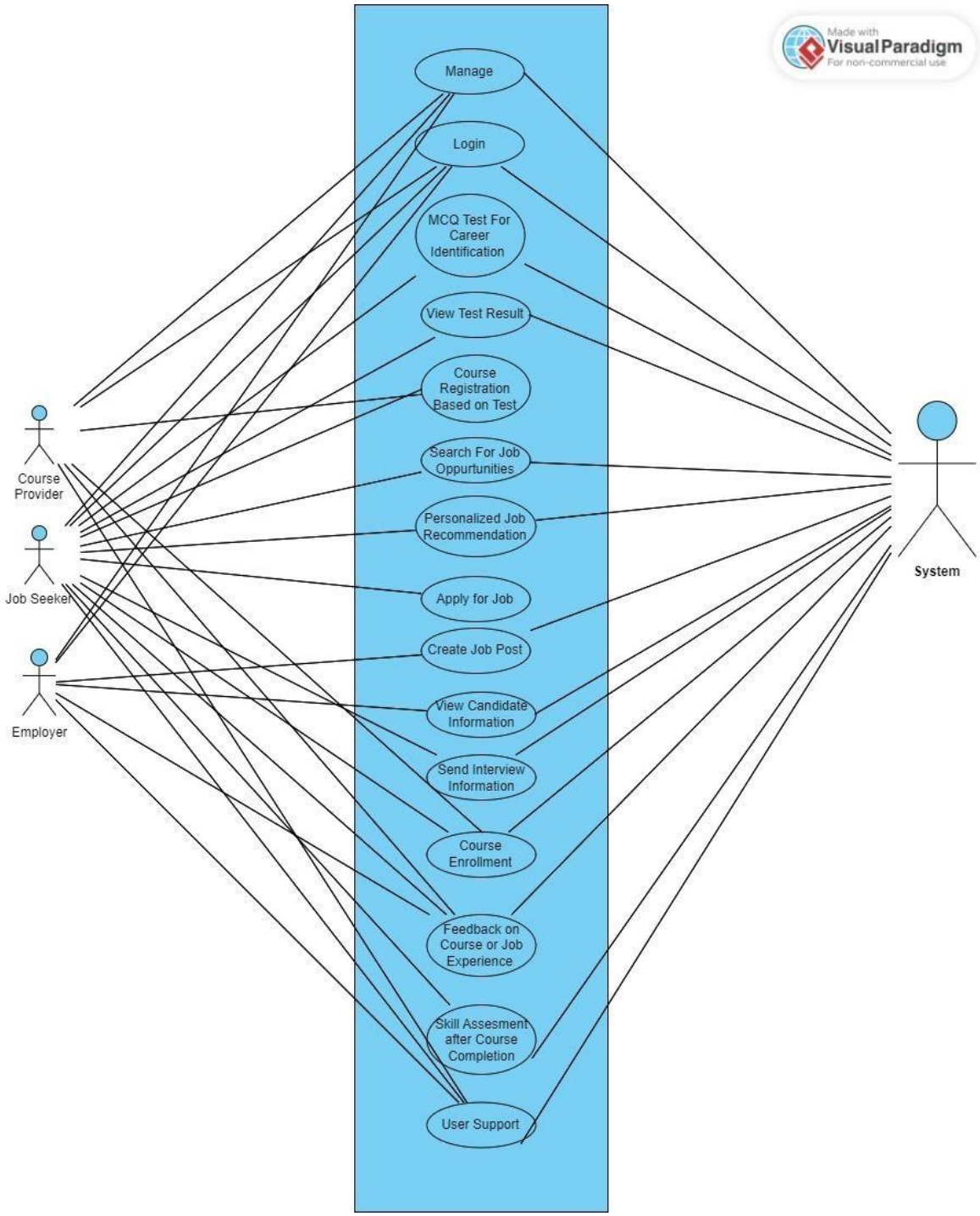
JOB CONNECT APP

Use Case diagram:


Manage
Login
MCQ Test For Career Identification
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Search For Job Oppurtunities
Personalized Job Recommendation
Apply for Job
Create Job Post
View Candidate Information
Send Interview Information
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Feedback on Course or Job Experience
Skill Assesment after Course Completion
User Support
Course Provider
Job Seeker
Employer
System
Made with VisualParadigm
For non-commercial use

Fully Dressed Use cases

Use Case: Manage User Accounts

- **Level**: User-goal
- **Scope**: Job Connect Platform
- **Use Case Name**: Manage User Accounts
- **Primary Actor**: System
- **Stakeholders and Interests**:
    - **Job Seeker/Employer**: Wants their account details to be managed automatically and accurately.
    - **System**: Automatically manages user account creation, updates, and deletion based on specific triggers.
- **Preconditions**:
    - User accounts exist in the system.
    - The system has predefined rules for managing user accounts (e.g., account inactivity, and updates based on profile changes).
- **Postconditions**:
    - User account details are automatically updated, created, or deleted based on system logic.
    - System logs all changes for audit purposes.

Main Success Scenario (Table Format)

Actor Action (or Intention)	System Responsibility
1. Job seeker or employer registers or updates details.	2. The system automatically creates, updates, or deletes accounts based on predefined rules.
3. User changes or updates their profile information.	4. The system validates and applies changes to the user account.
	5. System removes or merges inactive/duplicate accounts according to predefined criteria.

Actor Action (or Intention)	System Responsibility
	6. Inactive or duplicate accounts are identified.
	7. User account status is updated automatically.
	8. The system logs all account changes and ensures data consistency.
	9. System sends confirmation notifications (if required).
	10. Send email notifications to users about major account changes.

Extensions

- **3a.** User Attempts to Update Invalid Data:
    - **3a1.** The system rejects invalid changes and prompts the user to correct the information.
- **4a.** Duplicate Accounts Identified:
    - **4a1.** The system merges duplicate accounts and notifies the user about the consolidation.
- **5a.** System Detects Security Issues:
    - **5a1.** The system locks the account and notifies the user for security purposes.

Use Case: Login

- **Level**: User-goal
- **Scope**: Job Connect Platform
- **Use Case Name**: Login
- **Primary Actor**: Job Seeker/Employer
- **Stakeholders and Interests**:
    - **Job Seeker/Employer**: Wants to access their account quickly, whether logging in or registering for the first time.
    - **System**: Ensures secure authentication and manages user registrations.
- **Preconditions**:
    - User has an account (for login) or is new and needs to register.
- **Postconditions**:
    - User is logged into their account or successfully registered and logged in.
    - System records the login or registration activity.

Main Success Scenario (Table Format)

Actor Action (or Intention)	System Responsibility
1. The user navigates to the login/registration page.	2. Displays options for logging in or creating a new account.
3. The user chooses to log in or register.	4. If logging in, prompt for username and password; if registering, prompt for user details.
5. The user enters login credentials or registration information.	6. Validate the provided information against stored data.
7. User submits the form.	8. If logging in, grants access and redirects to the dashboard; if registering, create a new account and log in the user.
	9. Send a confirmation message and record the session activity.

Extensions

- **2a.** User Enters Invalid Login Credentials:
    - **2a1.** The system notifies users of the error and prompts them to try again.
- **2b.** User Registration Information is Incomplete or Invalid:
    - **2b1.** The system prompts the user to complete or correct the information before proceeding.
- **4a.** Account Already Exists During Registration:
    - **4a1.** The system informs the user that the account already exists and prompts for login instead.
- **4b.** User Forgets Password:
    - **4b1.** The system offers a password recovery option.

Use Case: MCQ Test for Career Identification

- **Level**: User-goal
- **Scope**: Job Connect Platform
- **Use Case Name**: MCQ Test for Career Identification
- **Primary Actor**: Job Seeker
- **Stakeholders and Interests**:
    - **Job Seeker**: Wants to take a test that identifies suitable career paths based on their skills and interests.
    - **System**: Provides a reliable test and evaluates the results to recommend courses and career paths.
- **Preconditions**:
    - Job seeker is logged into their account.
    - Test is available and has been designed with relevant questions.
- **Postconditions**:
    - Job seeker completes the test and receives immediate results.
    - System stores the results and suggests suitable career options.

Main Success Scenario (Table Format)

Actor Action (or Intention)	System Responsibility
1. Job seeker navigates to the career identification test section.	2. Displays information about the test and a "Start Test" button.
3. Job seeker starts the MCQ test.	4. Presents the first question along with answer options.
5. Job seeker selects an answer for each question.	6. Records the selected answer and presents the next question until all questions are answered.
7. Job seeker submits the test after answering all questions.	8. Evaluates the answers and calculates the results based on predefined scoring criteria.
9. System displays the results along with recommended career paths.	10. Suggests relevant courses and career options based on the test results.

Extensions

- **2a.** Job Seeker Abandons the Test:
    - **2a1.** The system saves progress if the user exits before completion, allowing them to resume later.
- **3a.** Job Seeker Changes Mind About Answer:
    - **3a1.** The system allows the job seeker to change their answer before submission.
- **4a.** Job Seeker Submits the Test with Unanswered Questions:
    - **4a1.** The system prompts the job seeker to complete all questions before submitting.
- **5a.** No Suitable Career Options Found:
    - **5a1.** The system provides a message indicating that more information is needed or suggests retaking the test with updated interests.

Use Case: View Test Results

- **Level**: User-goal
- **Scope**: Job Connect Platform
- **Use Case Name**: View Test Results
- **Primary Actor**: Job Seeker
- **Stakeholders and Interests**:
    - **Job Seeker**: Wants to review their test results to understand their strengths and potential career paths.
    - **Admin**: Ensures that the results are accurately stored and presented to users.
- **Preconditions**:
    - Job seeker has completed the career identification test.
    - Job seeker is logged into their account.
- **Postconditions**:
    - The test results are displayed to the job seeker, including suggested career paths and related courses.

Main Success Scenario (Table Format)

Actor Action (or Intention)	System Responsibility
1. Job seeker navigates to the "Test Results" section.	2. Displays the option to view completed test results.
3. Job seeker selects to view their test results.	4. Retrieves the stored test results from the database.
5. Job seeker views their test results.	6. Displays the results in a clear and organized format, including strengths and weaknesses.
7. Job seeker reviews suggested career paths and courses.	8. Provides detailed information about suggested careers and courses based on the results.
9. Job seeker may choose to save or download the results.	10. Offers options to save or download the test results as a file.

Extensions

- **2a.** Test Results Not Available:
    - **2a1.** The system informs the job seeker that results are not yet available and suggests checking back later.
- **3a.** System Fails to Retrieve Results:
    - **3a1.** The system displays an error message and prompts the job seeker to try again later.
- **4a.** Job Seeker Has Questions About Results:
    - **4a1.** The system provides options for the job seeker to contact support for further clarification.

Use Case: Course Registration Based on Test Results

- **Level**: User-goal
- **Scope**: Job Connect Platform
- **Use Case Name**: Course Registration Based on Test Results
- **Primary Actor**: Job Seeker
- **Stakeholders and Interests**:
    - **Job Seeker**: Wants to enroll in courses that will enhance their skills based on their test results.
    - **System**: Provides recommendations and manages the registration process seamlessly.
    - **Course Providers**: Interested in attracting qualified candidates to their courses.
- **Preconditions**:
    - Job seeker has completed the career identification test.
    - Job seeker has logged into their account.
    - The system has analyzed the test results and generated course recommendations.
- **Postconditions**:
    - Job seeker is successfully registered for the selected course.
    - The system updates the job seeker's profile with the course registration details.

Main Success Scenario (Table Format)

Actor Action (or Intention)	System Responsibility
1. Job seeker navigates to the recommended courses section.	2. Displays a list of courses recommended based on test results.
3. Job seeker selects a course to view details.	4. Displays detailed information about the selected course, including duration, content, and fees.
5. Job seeker confirms their choice to register for the course.	6. Validates course availability and checks the job seeker's eligibility for registration.

Actor Action (or Intention)	System Responsibility
7. Job seeker submits registration information and payment (if applicable).	8. Processes the registration and payment, confirming the job seeker's enrollment.
9. System confirms registration and updates user profile.	10. Displays a confirmation message and updates the job seeker's profile with course registration details.

Extensions

- **2a.** Selected Course is No Longer Available:
    - **2a1.** The system informs the job seeker that the course is no longer available and suggests alternative courses.
- **3a.** Job Seeker is Ineligible for the Course:
    - **3a1.** The system informs the job seeker of the eligibility requirements and suggests courses that they can register for.
- **4a.** Payment Failure During Registration:
    - **4a1.** The system displays a payment error message and prompts the job seeker to retry or use a different payment method.
- **5a.** Registration Limit Reached for the Course:
    - **5a1.** The system notifies the job seeker that the course registration limit has been reached and recommends other available courses.

Use Case: Search for Job Opportunities

Use Case Name:

Search for Job Opportunities

Level:

User-goal

Scope:

Job Connect Platform

Primary Actor:

Job Seeker

Stakeholders and Interests:

- **Job Seeker:** Wants to quickly find job opportunities that match their skills and location.
- **Employer:** Wants their job postings to be easily discoverable by qualified candidates.
- **System:** Facilitates accurate and efficient job searches based on criteria provided by job seekers.

Preconditions:

- Job seeker is logged into their account.
- The system has a database of active job postings.

Postconditions:

- The system provides job opportunities that match the search criteria.
- The system logs the job seeker's search activity for future personalization.

Main Success Scenario:

Actor Action (or Intention)	System Responsibility
1. Job seeker navigates to the job search section.	1. The system displays search fields (e.g., job title, location, industry).
2. Job seeker enters search criteria (e.g., job title, location).	2. The system validates the input and performs the search across the job database.
Actor Action (or Intention)	**System Responsibility**

3. Job seeker submits the search request.	3. The system retrieves matching job postings based on the provided criteria.
4. System displays matching job opportunities.	4. The system sorts and filters job results and presents them to the job seeker.
5. Job seeker clicks on a job posting for details.	5. The system loads and displays detailed job information.

Extensions:

- **2a. Invalid Location Input:**
    - The job seeker enters a location that is not recognized.
    - The system prompts for corrections or suggests valid locations.
- **3b. Network Failure During Search:**
    - The system encounters a network error during the search process.
    - The system displays an error message and suggests retrying later.
- **4a. Job Listing Expired or Closed:**
    - Job seeker clicks on a job, but it has expired.
    - The system informs the job seeker and removes the expired listing.
- **5a. Job Details Page Error:**
    - A technical issue prevents the job details page from loading.
    - The system notifies the job seeker and prompts them to try again.

Use Case: Personalized Job Recommendation

Use Case Name:

Personalized Job Recommendation

Level:

User-goal

Scope:

Job Connect Platform

Primary Actor:

System

Stakeholders and Interests:

- **Job Seeker:** Wants to receive relevant job recommendations based on their profile.
- **Employer:** Wants their job postings to be recommended to the right candidates.
- **System:** Delivers accurate job recommendations by analyzing the job seeker's profile and search behavior.

Preconditions:

- Job seeker has a completed profile with relevant skills and preferences.
- The system has access to job seeker activity and job listings.

Postconditions:

- The system provides personalized job recommendations to the job seeker.
- The system logs recommendation activity to improve future suggestions.

Main Success Scenario:

Actor Action (or Intention)	System Responsibility
1. Job seeker accesses the "Recommended Jobs" section.	1. The system analyzes the job seeker's profile, skills, and previous searches.
2. System generates personalized job recommendations.	2. The system retrieves relevant job postings based on analysis.
3. Job seeker reviews recommended jobs.	3. The system presents the recommended job opportunities.

Actor Action (or Intention)	System Responsibility
4. Job seeker clicks on a recommended job for more details.	4. The system displays the detailed job posting.
5. Job seeker decides whether to apply or save the job.	5. The system offers options to apply for or save the job.

Extensions:

- **2a. Insufficient Profile Data:**
    - The job seeker's profile lacks information.
    - The system prompts the user to update their profile for more accurate recommendations.
- **3a. Recommendations Not Relevant:**
    - The job seeker finds the recommendations irrelevant.
    - The system allows the user to provide feedback to improve future recommendations.
- **4a. Job Recommendation Expired:**
    - The job posting is no longer available.
    - The system notifies the job seeker and suggests alternative jobs.
- **5a. Unable to Save Recommended Job:**
    - A technical error prevents saving the recommended job.
    - The system prompts the job seeker to retry or report the issue.

Use Case: Apply for a Job

Use Case Name:

Apply for Job

Level:

User-goal

Scope:

Job Connect Platform

Primary Actor:

Job Seeker

Stakeholders and Interests:

- **Job Seeker:** Wants to easily apply for jobs that match their qualifications.
- **Employer:** Wants to receive applications from qualified candidates.
- **System:** Facilitates the application process by ensuring the submission is complete and accurate.

Preconditions:

- The job seeker is logged in and has identified a job to apply for.
- The job posting is active and accepting applications.

Postconditions:

- The job seeker successfully applies for the job.
- The system logs the application and notifies the employer.

Main Success Scenario:

Actor Action (or Intention)	System Responsibility
1. Job seeker clicks "Apply" on a job posting.	1. The system presents the application form or prompts to upload a resume.
2. Job seeker fills in application details or uploads a resume.	2. The system validates the form data or resume format.
3. Job seeker submits the application.	3. The system submits the application and records the job seeker's details.

Actor Action (or Intention)	System Responsibility
4. System confirms the application submission.	4. The system sends confirmation to the job seeker and notifies the employer.
5. Job seeker receives confirmation of successful application.	5. The system logs the submission and updates the job seeker's application history.

Extensions:

- **3a. Resume Upload Fails:**
    - The resume upload fails due to format issues.
    - The system prompts the job seeker to retry with a valid format.
- **4a. Application Submission Error:**
    - A system error occurs during submission.
    - The system provides options to retry or save the application for later.
- **5a. Employer Declines Application:**
    - The employer declines the application.
    - The system notifies the job seeker and provides feedback if available.
- **5b. Job Seeker Withdraws Application:**
    - The job seeker decides to withdraw the application.
    - The system updates the application status and notifies the employer.

Use Case: Create a Job Post

Use Case Name:

Create Job Post

Level:

User-goal

Scope:

Job Connect Platform

Primary Actor:

Employer

Stakeholders and Interests:

- **Employer:** Wants to create job posts easily to attract qualified candidates.
- **Job Seeker:** Wants access to detailed job postings.
- **System:** Ensures job posts are accurately created and available to job seekers.

Preconditions:

- The employer is logged in and has permission to create job posts.

Postconditions:

- The job post is successfully created and listed for job seekers.
- The system logs the post creation for tracking purposes.

Main Success Scenario:

Actor Action (or Intention)	System Responsibility
1. Employer navigates to the job posting section.	1. The system displays the job post creation form.
2. Employer fills in the job post details (e.g., title, description, location).	2. The system validates the input data.
3. Employer submits the job post.	3. The system creates the job post and adds it to the job listing database.
4. System confirms job post creation.	4. The system displays a confirmation message and provides options to edit or delete the post.

Actor Action (or Intention)	System Responsibility
5. Job seekers can now view the job post.	5. The system makes the job post available to job seekers.

Extensions:

- **2a. Incomplete Job Post Information:**
  - The employer submits incomplete details.
  - The system highlights the missing fields and requests completion.
- **3a. Duplicate Job Post:**
  - The system detects a similar job post.
  - The system alerts the employer and suggests editing the existing post.
- **4a. Publishing Delay:**
  - A delay occurs in making the job post live.
  - The system informs the employer and provides an estimated time for the post to be visible.
- **5a. Job Post Rejected Due to Policy Violations:**
  - The system identifies a violation in the job post content.
  - The system rejects the post and provides feedback to the employer.

Use Case: View Candidate Information

Use Case Name:

View Candidate Information

Level:

User-goal

Scope:

Job Connect Platform

Primary Actor:

Employer

Stakeholders and Interests:

- **Employer:** Wants to view candidate information to evaluate job applications.
- **Candidate:** Wants their profile to be presented accurately to potential employers.
- **System:** Ensures candidate information is displayed correctly and securely.

Preconditions:

- Employer is logged in and has access to candidate applications.
- Candidate profiles are complete and available.

Postconditions:

- The employer successfully views the candidate's information.
- The system logs the employer's activity.

Main Success Scenario:

Actor Action (or Intention)	System Responsibility
1. Employer navigates to the list of applicants.	1. The system displays a list of candidates who applied for the job.
2. Employer clicks on a candidate's profile.	2. The system retrieves and displays the candidate's details (e.g., resume, contact information).
3. Employer reviews the candidate's profile.	3. The system provides options to download the resume, contact the candidate, or shortlist the candidate.
4. Employer shortlists the candidate for further evaluation.	4. The system marks the candidate as shortlisted and updates the application status.
5. Employer contacts the candidate if needed.	5. The system logs the employer's actions and updates the candidate's status.

Extensions:

- **1a. Candidate Withdraws Application:**

- The candidate withdraws their application before the employer views their profile.
- The system informs the employer that the candidate is no longer available.

- **2a. Candidate Profile Incomplete:**
  - The candidate’s profile lacks essential information.
  - The system alerts the employer and requests additional details from the candidate.
- **3a. Error in Document Download:**
  - The system fails to download the candidate’s resume.
  - The system notifies the employer and offers to retry or contact the candidate.
- **4a. Shortlisting Technical Error:**
  - The system encounters an issue while marking the candidate as shortlisted.
  - The system displays an error and prompts the employer to retry.

Use Case: Send Interview Information

- **Level:** User goal
- **Scope:** Job Management System
- **Use Case Name:** Send Interview Information
- **Primary Actor:** Employer
- **Stakeholders and Interests:**
    - **Employer:** Wants to schedule interviews with selected candidates efficiently.
    - **Candidate:** Expects to receive timely interview information.
- **Precondition:** The employer has selected a candidate for an interview, and the candidate contact information is available.

- **Postcondition:** The interview is scheduled, and the candidate receives the interview information.

Main Success Scenario:

Actor Action (or Intention)	System Responsibility
1. Employer selects a candidate for an interview.	2. The system displays the candidate’s details for review.
3. Employer chooses the interview date, time, and location.	4. System validates the details and schedules the interview.
5. Employer sends the interview invitation.	6. System sends the interview notification to the candidate.
7. Employer confirms interview scheduling.	8. System updates the candidate's status and records the interview.

Extensions:

- 4a. **Invalid interview date:**
    - The system prompts the employer to select a valid interview date and reschedule.
- 6a. **Candidate email not available:**
    - The system requests additional contact information for the candidate.

Use Case: Course Enrollment

- **Level:** User goal
- **Scope:** Course Management System
- **Use Case Name:** Course Enrollment
- **Primary Actor:** Job Seeker / Student
- **Stakeholders and Interests:**
    - **Job Seeker / Student:** Wants to enroll in a course related to their career path.
    - **Course Provider:** Wants to ensure students are properly enrolled and meet prerequisites.
- **Precondition:** The student is logged in and has completed any necessary course prerequisites.
- **Postcondition:** The student is enrolled in the course and receives confirmation.

Main Success Scenario:

Actor Action (or Intention)	System Responsibility
1. Job Seeker / Student browses available courses.	2. System displays the list of available courses.
3. Job Seeker / Student selects a course for enrollment.	4. System provides course details and enrollment form.
5. Job Seeker / Student submits the enrollment request.	6. System validates enrollment, checks prerequisites.
7. Job Seeker / Student receives confirmation of enrollment.	8. System updates course status and sends enrollment confirmation.

Extensions:

- 6a. **Prerequisites not met:**
    - The system informs the student and suggests other courses or guides them to complete the prerequisites.
- 8a. **Email confirmation failure:**
    - The system retries sending the email or notifies the student to manually check the status.

Use Case: Feedback on Course or Job Experience

- **Level:** Subfunction
- **Scope:** Course and Job Management System
- **Use Case Name:** Feedback on Course or Job Experience
- **Primary Actor:** Job Seeker / Student
- **Stakeholders and Interests:**
    - **Job Seeker / Student:** Wants to provide feedback to help improve future experiences.
    - **Course Provider / Employer:** Wants to gather feedback to improve services.
- **Precondition:** The course/job experience has been completed, and the feedback feature is accessible.
- **Postcondition:** The feedback is successfully submitted and recorded.

Main Success Scenario:

Actor Action (or Intention)	System Responsibility
1. Job Seeker / Student navigates to the feedback section.	2. System displays the feedback form for the relevant course/job.
3. Job Seeker / Student fills in feedback (rating, comments, etc.).	4. System validates that all fields are complete.
5. Job Seeker / Student submits the feedback.	6. System stores feedback and updates the relevant record.
7. Job Seeker / Student receives a confirmation of submission.	8. System sends confirmation and stores the feedback.

Extensions:

- 5a. **Incomplete form:**
    - The system prompts the user to fill in all required fields before submission.

Use Case: Skill Assessment after Course Completion

- **Level:** Subfunction
- **Scope:** Course Management System
- **Use Case Name:** Skill Assessment after Course Completion
- **Primary Actor:** Job Seeker / Student
- **Stakeholders and Interests:**
    - **Job Seeker / Student:** Wants to verify their skills after completing a course.
    - **Course Provider:** Wants to assess the student's learning outcomes.
- **Precondition:** The student has completed the course, and the skill assessment is available.
- **Postcondition:** The student completes the assessment and receives their results.

Main Success Scenario:

Actor Action (or Intention)	System Responsibility
1. Job Seeker / Student selects the completed course.	2. System displays available skill assessments for the course.
3. Job Seeker / Student starts the assessment.	4. System provides instructions and initiates the assessment.
5. Job Seeker / Student answers assessment questions.	6. System validates responses and gives instant feedback.
7. Job Seeker / Student submits the assessment.	8. System grades the assessment and provides the result.

Extensions:

- 6a. **Network error during submission:**
    - The system attempts to reconnect and submit the assessment again.

Use Case: User Support

- **Level:** Subfunction
- **Scope:** User Support System
- **Use Case Name:** User Support
- **Primary Actor:** Job Seeker / Employer
- **Stakeholders and Interests:**
    - **Job Seeker / Employer:** Wants quick and effective resolution of issues or queries.
    - **System Support Team:** Wants to handle and resolve user queries efficiently.
- **Precondition:** The user has an account and can access the support system.
- **Postcondition:** The issue is resolved, and the support ticket is closed.

Main Success Scenario:

Actor Action (or Intention)	System Responsibility
1. Job Seeker or Employer encounters an issue or has a query.	2. System provides access to a helpdesk, chatbot, or support ticketing system.
3. Job Seeker or Employer submits a support request.	4. System processes the request and either resolves it automatically or forwards it to a support team.
5. Job Seeker or Employer receives resolution.	6. System updates the user's support history and closes the ticket.

Extensions:

- 4a. **Issue not resolved automatically:**
    - The system escalates the issue to a live support team, and the user is notified of the delay.