JOBCONNECT

USE CASE DOCUMENT

PRESENTED BY

MEMBER 1: NAILA HABIB

MEMBER 2: TAHA FAYYAZ(LEADER)

MEMBER 3: WAJEEHA KAMRAN

SUPERVISED BY

Dr. Onaiza Maqbool

Department of Computer Science

Quaid e Azam University, Islamabad

USE CASE DOCUMENT APPROVAL SIGNATURES

PROJECT MANAGER

_____

Signature

_____

Date

WAJEEHA KAMRAN

Student, QAU Islamabad

MEMBER 1

_____

Signature

_____

Date

TAHA FAYYAZ

Student, QAU Islamabad

MEMBER 2

_____

Signature

_____

Date

NAILA HABIB

Student, QAU Islamabad
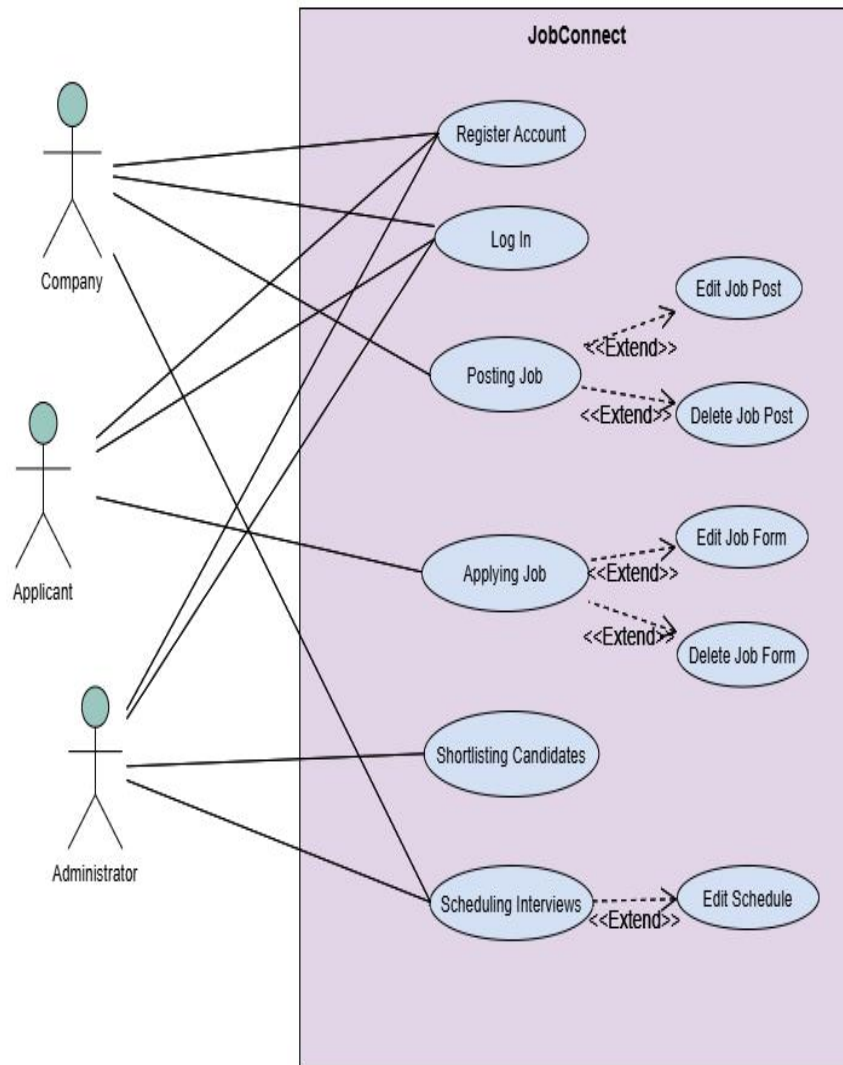
STAKEHOLDER

_____

Signature

_____

Date

DR. ONAIZA MAQBOOL

Professor, QAU Islamabad

Use Case Diagram:

USE CASE BY: NAILA HABIB

UC 1: Register Account

Primary Actor:

Company, Applicant & Administrator.

Stakeholders and Interests:

- Company:

  ➢ Wants easy registration to upload jobs and select applicants according to their needs and requirements.

- Applicant:

  ➢ Wants to register easily to view jobs and apply for it.

- Administrator:

  ➢ Wants easy registration to monitor and manage their application.

Preconditions:

  ➢ **Actor** has already an e-mail**.**
  ➢ **Actor** must be on registration page.

Success Guarantee (postconditions):

  ➢ The system successfully registered the actor and provides feedback to actor that they are registered.

Input:

  ➢ First name.
  ➢ last name.
  ➢ e-mail.
  ➢ Contact number.
  ➢ Password.

- ➤ Location.
- ➤ special code (for administrator).
- ➤ Description.
- ➤ area of interest.
- ➤ CV.
- ➤ educational records.

Output:

- ➤ Successful registration.

Main Success Scenario (or Basic Flow):

1. The actor enters their **first name and last name**.
2. Actor then presses the **continue option**.
3. The actor **navigates** to next page.
4. Actor enters the **e-mail, mobile no** and **password**.
5. Actors click on **continue option**.
6. System sends **confirmation code** to the entered email.
7. Actors **enter the code** and then presses continue.
8. Actor entered their username and select the designation (administrator, company, applicant).
9. Actors click on **continue option.**
10. The actor navigates to the registration form.
11. **1- Administrator:**
    1. Administrator select location and enters the special code to prove that they are administrator.

    2- Company:

    1. Company selects location, enter description of their company, enters documents to prove that it is company.

    3-Applicant:

    1. Applicant selects location, selects area of interest, provide CV and educational records.
12. Actor then presses continue option.

13. System checks the data and saves it.
14. Feedback is given that you are successfully registered.

Alternate Scenario (or Extensions):

*a. At any time, **the system fails**:
To ensure **recovery of the data**, the software saves the **existing data** of the actor's registration info in the form of backups on Microsoft azure.

1a. The actor entered short names:

1. Actor must entered appropriate length. First and last name having 4 characters.

2a. Continue option is not available:

1. The fields are not filled.
2. First fields are filled then option will be available.

3a. The system does not navigate to new screen on pressing **continue option**.

1. The software displays a message as feedback that the screen could not open at that time and asks the **actor to try again**.

4a. Actor entered wrong e-mail:

1. The field will be underlined if email doesn't have @ sign, .com at end.

4b. Actor entered short mobile no:

1. Feedback is given that the phone no length must be 11 digits.

4c. Actor enters short password:

1. Feedback is given that the Password length must be greater than 6 and have special character for more security.

5a. Continue option is not available:

    1. The fields are not filled.
    2. First fields are filled then option will be available.

6a. Confirmation code is not provided:

    1. Wait for 30 sec and then press on resend code option.

7a. Actor enters wrong confirmation code:

    1. Feedback is shown that the entered code is wrong.

    2. Press resend code option and then enter again.

8a. Actor enters short user name:

    1. Feedback is given that Username size must be greater than 6.

8b. Actor entered already existing username:

    1. Feedback is given that the username is already exists. Use unique username.

9a. Continue option is not available:

    1. The fields are not filled.
    2. First fields are filled then option will be available

10a. The system does not navigate to new screen on pressing **continue option**.

1. The software displays a message as feedback that the screen could not open at that time and asks the **actor to try again**.

11.1.a. Administrator enters wrong special code:

1. Feedback is given that the code is not correct.

11.1. b. Too many wrong special code:

1. After the 5th wrong code, the system blocks that email in this app and navigates to start page of the app.

2. The feedback is provided that there is security threat. Unauthorized entry is not allowed.

11.2. a. Documents file extension are other than pdf:

1. Feedback is provided specifying that this type of document contains the file extension that is not supported by the System and asks them to resubmit the document file to the required extension pdf.

11.3. a. CV file extension are other than pdf:

1. Feedback is provided specifying that this type of document contains the file extension that is not supported by the System and asks them to resubmit the document file to the required extension pdf.

(11.1 +11.2 +11.3). Actor doesn't selects the location:

1. The field is underlined.

12a. Continue option is not available:

1. The fields are not filled.
2. First fields are filled then option will be available.

Special Requirements:

 - **Feedback** section must be available for improving purpose.

 - The **registration form** should be easily visible to the users of the platform by using **font size** that is easily readable like **12 font size**.

Frequency of Occurrence:

It could be nearly continuous.

Open Issues:

 Open for feedback to improve **use case text**.

UC 2: Log In

Primary Actor:

Company, Applicant & Administrator.

Stakeholders and Interests:

- Company:

  ➢ Wants easy log in to upload jobs and select applicants according to their needs and requirements.

- Applicant:

  ➢ Wants to log in easily to view jobs and apply for it.

-Administrator:

  1. Wants easy log in to monitor and manage their application.

Preconditions:

  ➢ **Actor** must be registered and verified**.**
  ➢ **Actor** must be on log in page.

Success Guarantee (postconditions):

  ➢ **Actor** is logged in to their accounts and **system** shows their home feed

  .

Input:

  ➢ E-mail.
  ➢ password.

Output:

  ➢ Successful log in.

Main Success Scenario (or Basic Flow):

  1. The actor enters their **email/username and password**.
  2. The System **checks** the given data and verify it.
  3. Actor **navigates** to their desired Home feed.

Alternate Scenario (or Extensions):

*a. At any time, **the system fails**:

To ensure **recovery of the data**, the software saves the **existing data** of the actor's log in info in the form of backups on Microsoft azure.

1a. The entered **data is incorrect**:

1. System displays an **error message** incorrect username/e-mail or password. **Please try again**.

1b. Actor forgets the password:

1. Select **"forget password"** option.
2. System asked for **email / mobile phone number** on which the email is made so that it send the **reset link**.
3. Actor clicks on it and **reset password**.

3a. The system does not navigate to new screen on pressing **the log in option**.

1. The software displays a message as feedback that the screen could not open at that time and asks the **actor to try again**.

3b. The **home feed** is not showing:

15. **Refresh the app** by scrolling the screen down.

Special Requirements:

 - **Feedback** section must be available for improving purpose.

 - The **Home Feed** should be easily visible to the users of the platform by using **font size** that is easily readable like **12 font size**.

 - The system automatically **logged out** after **20 mins** if the user donot do any action/activity .

Frequency of Occurrence:

It could be nearly continuous.

Open Issues:

Open for feedback to improve **use case text**.

UC 9: Shortlisting Candidates

Primary Actor:

Company

Stakeholders and Interests:

- Company:

  ➢ Wants to easily get the list of the candidates shortlisted by the system according to the requirements provided by the company and proceed to the scheduling interview process .

- Applicant:

  ➢ Wants to be considered for the job position and to get timely feedback on the shortlisting process.

Preconditions:

  ➢ **Company** is registered and logged in.
  ➢ **Company** has already posted the job, and its deadline has already been reached and feedback is provided to it about this .

Success Guarantee (postconditions):

  ➢ The System successfully shortlist the candidates and provides feedback to both the company and the applicant .

Main Success Scenario (or Basic Flow):

  1. Company clicks on the **shortlisting option**.

2. The System **retrieves all the applications** and cross match them with the requirements (skills, experience, education) provided by the company.
3. The System shortlists the candidates **according to the criteria of shortlisting provided by the company**: skills, experience, education.
4. The System **navigates to the screen** containing the list of shortlisted candidates .
5. The Shortlisted and non-shortlisted candidates are **provided with feedback .**
6. The Company then presses the **schedule interview option**.

Alternate Scenario (or Extensions):

*a. At any time, **the system fails**:
To ensure **recovery of the data**, the software saves the **existing data** of the company's job applications in the form of backups on Microsoft azure .

2a. The System does **not open the screen** to shortlist the candidates:

1. The software displays a **message as feedback** that the screen

   could not open at that time and asks the **company to try again**.

3a. No candidate matches the criteria provided by the company.

1. Feedback is provided to the company to wither change or reduce the criteria since no candidate matches their existing criteria .

4a . The screen does not show the list of shortlisted candidates.

1. The software displays a message as feedback that the screen

   could not open at that time and asks the **company to try again**.

6a . The system does not navigate to new screen on pressing the schedule interview button.

1. The software displays a message as feedback that the screen

could not open at that time and asks the **company to try again**.

Special Requirements:

 - **Feedback** section must be available for improving purpose.

 - The **list of shortlisted candidates** should be easily visible to the users of the platform by using **font size** that is easily readable like **12 font size**.

Frequency of Occurrence:

It could be nearly continuous.

Open Issues:

 Open for feedback to improve **use case text**.

Sequence Diagram: