**Object Oriented Software Engineering**

**SP20-BSE-055**

**SP20-BSE-046**

**Lab-3**

**Lab Tasks:**

**1. Identify the Primary Actors form the list of Objects against your semester project**

**2. Pick only the Primary Actors along with the list of their Goals**

**3. Draw the Use Case Diagram of your semester project**

**Primary Actors of Project:-**

1. **Employee/Candidate**
2. **Admin**
3. **Employer**

**Goals of Primary Actors:-**

**Candidate:-**

* Login
* Upload Documents
* Upload Media Files
* Manage Profile
* Share Link to Profile
* Profile Settings

**Admin:-**

* Manage Registered Users
* Manage Skills data
* Promote Profiles
* Change username
* Share Link to Profile
* Manage Profile

**Employer:-**

* Login
* Review Profile
* Give Rating
* Hire Employee
* Contact Employee
* Give Feedback

**Use Case Diagram**

**Diagram

Description automatically generated**

**Lab Tasks:**

**1. Write the two use cases form your semester project diagram in Brief Level format**

**2. Expand the brief level use cases into fully dressed format**

**Brief Level:- (SP20-BSE-055)**

**1.Signup:-** Open App simply Go on the Login page and select the option of Signup and put correct information in empty fields . And some of text fields are compulsory to be filled and also be agree on terms and conditions by clicking on agree After accepting terms and conditions click on Signup And your account is created and user name and password will be previewed on screen.

**2.Forgot Password**:- User open the app and click on the Forgot password button and empty text field is appeared and now user can enter their Username or Email and click on the button of forgot password .Code will be email or phone number of user within 2 minutes and after that user directly linked to the manage profile window to set their password again.

**Brief Level:- (SP20-BSE-046)**

**1.Upload Document:-** A Candidate or user log ins to system and is provided with skills manage by admin and after completing profile User is given a Upload documents section, The user enters the location or path to the document and its format which are according to system needs and then system validates and shows the document on the profile of User.

**2.Generate Link:-** User Opens the profile menu and generate link button sends the system to link generation service and a random link is generated with URL and sharing option to other social media and copy to clipboard (Link is expired after 2 mins of generation).

**Fully Dressed :-**

**Sign Up** (Muhammad Umer Mukhtiar SP20-BSE-055)

**Scope:-** Job Portal App

**Level:-** User Goal

**Primary Actor:-** Employee

**Stakeholders and Interest:-**

-Employer:- It is necessary to create an account to use the portal.

-Employee:- It is necessary to create an account to use the portal for hiring employees.

-App:- Application requires the information to approve the account to register

**Preconditions:-**. Candidate will be required to give the information in order to create register account and maintain a public profile.

**Success Guaranteed(Post):**- After giving information it will be updated to user profile and will be save on public server .

**Main Success Scenario(Flow of events):-**

1. Open Portal.
2. Click on Signup.
3. System Greets with Signup Window.
4. User fill the required fields
5. Select the required options.
6. Accept terms And Conditions.
7. Click on Submit .
8. Dialog Box Appeared with user name and password.
9. Click on Ok.
10. will be back to login screen.

**Extensions(Alternative flows):-**

1. In case User miss to filled the following text fields .

* Email
* User Name
* Password.

process could not be go forward and show red text in text fields until they will be filled.

1. If user not accept terms and conditions submit button will be disabled until user agree to terms and conditions.
2. If user want to use single email for multiple accounts dialog box will be shown with warning.
3. In case user given name is already existed suggestions of names will be shown.

**Special Requirements:-**

* User Name
* 8 digit Password
* E-mail
* Accepting Terms and conditions.

**Forgot Password**

**Scope:-** Job Portal App

**Level:-** User Goal

**Primary Actor:-** Employee

**Stakeholders and Interest:-**

-Employee:- have user name or email to forgot password.

-Admin:- admin will temporary block users who will try to use of forgot password option to much.

**Preconditions:-**.

**Success Guaranteed(Post):**- User is logged in and is informed that account password was successfully changed

**Main Success Scenario(Flow of events):-**

1. Open Portal.
2. Go to Login.
3. Click on forgot password.
4. Enter Email or User Name.
5. Answer Security Question.
6. Click On Submit.
7. Enter received Code(Valid for 24 Hours)
8. Click on Submit Code
9. Manage profile tab will be opened.
10. Now enter your New Password.
11. The system notifies user that the password was successfully changed

**Extensions(Alternative flows):-**

1. If User enter wrong email or user name system show dialog box with message to Enter Correct User Name and Password.
2. If user do unnecessary tries for forgot password account will be temporary banned.
3. If code does

**Special Requirements:-**

* User Name
* 8 digit Password
* E-mail

Accepting Terms and conditions.

**1.Upload Document(Usman Taufique SP20-BSE-046)**

**Scope:-** Job Portal App

**Level:-** User Goal

**Primary Actor:-** Candidate

**Stakeholders and Interest:-**

**-**Admin:- wants the documents to approve the profile and level up.

-Employer:- Needs to see the work and achievement of candidate to hire.

-App:- Application requires the educational data in documents to approve the profile to register

**Preconditions:-** Browse for document. Candidate will be required to upload the document in order to maintain a public profile.

**Success Guaranteed(Post):**- After uploading of documents it will be published to the public server of portal which can be shared to people of companies.

**Main Success Scenario(Flow of events):-**

1. User Logins
2. System Greets with dashboard
3. User selects the documents section
4. Click Upload Button
5. Upload Dialog appears
6. Selects Docx Files
7. Upload file or can select multiples
8. File is Uploaded and shown in documents section

**Extensions(Alternative flows):-**

1. In case User selects the file of other format than .docx or pdf file the system rejects the file and file is not uploaded.
2. User has to publish the document after uploading to profile to make it visible to the person reviewing the file.
3. If User cancel the upload it goes back to the Document section.

**Special Requirements:-**

-Docx or pdf file Requires

-File size not be greater than 2mb

-Documents needed with educational information and work experiences in file forms.

**2.Generate Link(Usman Taufique)**

**Scope:-Job Portal App**

**Level:- User Goal**

**Primary Actor:- Candidate**

**Stakeholders and interests:-**

-Candidate:- To share his work to public link is needed

-Employer:- To hire someone and review profile the link is required to enter.

**Precondition:-** Someone want to see your data you just click on generate link and send generated link to person or company who wants .

**Success Guarantee(Post):**- After sending link to company or person

They are able to see your work experience and link is useful for 1 time at 1 device and automatically expire after using 1 time within 24 hours.

**Main Success Scenario(Flow of Events):-**

1. User logins
2. User Clicks the Link button
3. Link is generated as password to cloud
4. Link copy option is visible
5. User sends the link to employer
6. Employer can use the link to review profile or Hire.
7. Link is expired after 2 mins of generation.

**Extensions(Alternative Flow):-**

1. Link not opened in 2 mins it expires and shows nothing on click.
2. Link cannot be opened more than one time for one employer.
3. If Employer does not open link it expires
4. New link is generated and old is destroyed if user generates a new one.

**Special Requirements:-**

-Link must be generated and then copied too in 2 mins.

-Copied link should be a small URL.

-Two generated links cannot be same.

-Employer gets only viewing access to profile by Link