**CSE213 CRA Report**

**Spring 2025**

| **Topic:** Simulating Operations of a JOB RECRUITING AGENCY. | | |
| --- | --- | --- |
| **ID:**  **2331415** | **Name: Al Estiuk Khan Abir** | **User1: Recruiter** |
| **User2: Candidate** |
| **ID:**  **2230260** | **Name: Mansura Rashid Rime** | **User3: Training Coordinator** |
| **User4: Job Consultant** |
| **ID:**  **2321102** | **Name: Fahim Ahmed Tanoy** | **User5: IT Support Manager** |
| **User6: HR Coordinator** |
| **ID:**  **2230844** | **Name: Jarin Tasnim Kankhita** | **User7: Agency Director** |
| **User8: Accountant** |

**P.T.O**

**NOTE:**

* Download this template and create a google-docs file with the following **file name format**:
  + MS1\_GroupNo\_MS1Version1\_topicKeyword\_id1\_id2\_id3\_id4
  + Ex: MS1\_ Group70\_MS1Version1\_IRAS\_1234567\_2345678\_3456789\_4567890
* Group Leader will create the google-docs using this template and will share the google-docs file among group members. All of the group members need to work on the same document.
* Group leader must also upload the "viewer share" link of your google-docs file, so that the faculty can view your document anytime and check your progress (link will be given, soon).
* **ONLY ONE SUBMISSION from EACH GROUP**
* **To lock your content, you MUST upload a PDF file. NO LINK will be accepted.**
  + **By 17-February-25, Saturday, the group leader MUST upload the PDF of your google-docs containing workflows for ALL 64 goals.**
  + **Among 64 workflows (of the goals) for 8 users, 16 workflows (4 workflows per member), MUST look complete and comprehensive.**
  + **Submission Link will be given before the deadline.**
* **If you fail to submit version-1 of your MileStone-1 by 8-June-24, you will not get any mark for MileStone-1**

**Possible event type:**

* UIE - - user input to trigger event
* UID - - user input to be considered as data
* OP – display content (output)
* VL – validation check
* VR – verification check
* DP – fetching data from file system and process it to get some calculated outcome (data processing)

**NOTE:**

there can be workflows for common **processes** as follows (**BUT, these are NOT GOALs**):

| **Process-1: Login** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  |  | | | | event type |
| Workflow: | event-1 | The user selects the **"Create Account"** option on the login page. | | | **UIE** |
|  | event-2 | The user enters the required details:   * **Phone Number** * **Password** * **User Type** | | | **UID** |
|  | event-3 | Validate user input:   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VL** |
|  | event-4 | The system checks if the phone number and password with matching User Type exists in the database. | | | **DP** |
|  | event-5 | If the provided data does not **exists**, display an error:  “Phone number or Password Is incorrect!.”  If the provided data match, open the selected User Type’s Dashboard. | | | **VL** |
|  | event-6 | Fetch data from (Usertype + .bint). | | | **DP** |
|  | event-7 | Open Dashboard and show Welcome + User Name. | | | **OP** |

| **Process-2: SignOut** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  |  | | | | event type |
| Workflow: | event-1 | User initiates the sign-out process, typically by clicking on a "Sign Out" button or link. | | | Initiate Sign Out |
|  | event-2 | If there are unsaved changes or data, the system prompts the user to save them before signing out. | | | Save Changes  Confirm Sign Out |
|  | event-3 | System confirms the sign-out action and logs the user out of the system. | | | Confirm Sign Out |
|  | event-4 | After successful sign-out, the system redirects the user to the login page. | | | Redirect to Login |
|  | | | | | |

| **Process-3:Create New Account** | | | | | |
| --- | --- | --- | --- | --- | --- |
| Workflow: | event-1 | User clicks on the "Create Account" button to start the process. | | | UIE |
|  | event-2 | User fills in the required account information, such as username, email address, and password.  -email number is in correct format (firstname.lastname@example.com)    -minimum length of eight characters, at least one uppercase character, at least one lowercase character, at least one number, and at least one symbol. | | | UID |
|  | event-3 | User confirms the entered details are correct and submits the registration form. | | | UIE |
|  | event-4 | The system processes the registration request and creates a new account in the database. | | | DP |
|  | event-5 | Upon successful registration, the system displays a confirmation message indicating that the account creation was successful. | | | OP |
|  | | | | | |

**Workflow of user specific goals:**

| **User1 name: RECRUITER** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **User-1, Goal-1** | **Description of Goal-1:** **Post a New Job Listing** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Recruiter User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR,VL** |
|  | event-3 | If verification event-02 is successfull then display the recruiter dashboard. | | | **OP** |
|  | event-4 | Select the "**Post a Job**" option. | | | **UIE** |
|  | event-5 | Select Job Type. Enter job details **Job title, Department, Description,Qualification, Key Responsibilities, Salary, Deadline.**Then click to the **Post the Job** option. | | | **UID** |
|  | event-6 | Validate that required fields are filled . | | | **VL** |
|  | event-7 | Save job details to the database as Job data for candidates to view. | | | **DP** |
|  | event-8 | Display job posting confirmation(Your job is successfully posted.) | | | **OP** |
|  | | | | | |
| **User-1, Goal-2** | **Description of Goal-2: Review Job Applications** | | | | Event type |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Recruiter User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**.   **User Type** → Cannot be left empty must be in 8 characters or more. | | | **VR,VL** |
|  | event-3 | If verification event-02 is successfull then display the Recruiter Dashboard. | | | **OP** |
|  | event-4 | Recruiter will click on the “**Job Application** ” button. | | | **UIE** |
|  | event-5 | System will display a applications list from the database.(Applied by Candidates) | | | **DP,OP** |
|  | event-6 | The recruiter filters by selecting Job Type and active checkbox. | | | **UIE** |
|  | event-7 | System will process data and display them to review. | | | **DP,OP** |
|  | event-8 | Recruiter approved or rejected some applicants. | | | **UIE** |
|  | event-9 | System will update the applications status in the database. | | | **DP** |
|  | | | | | |
| **User-1, Goal-3** | **Description of Goal-3:** **Schedule Interviews** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Recruiter User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty | | | **VR,VL** |
|  | event-3 | If verification event-02 is successfull then display the Recruiter Dashboard. | | | **OP** |
|  | event-4 | Recruiter will click on the “**Schedule Interview** ” button. | | | **UIE** |
|  | event-5 | System gathers Approved applicants and displays applicants details. | | | **DP,OP** |
|  | event-6 | Recruiter selects a candidate for interview. | | | **UIE** |
|  | event-7 | Recruiter enters interview date, time, and location. | | | **UIE** |
|  | event-8 | System store interview details in the database. | | | **DP** |
|  | event-9 | System sent a notification for the interview to the applicants. | | | **OP** |
|  | | | | | |
| **User-1, Goal-4** | **Description of Goal-4:** **Finalize Candidate Selection** | | | | Event type |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Recruiter User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR,VL** |
|  | event-3 | If verification event-02 is successfull then display the Recruiter Dashboard. | | | **OP** |
|  | event-4 | Recruiter clicks on the “**Select Final Candidates**” button. | | | **UIE** |
|  | event-5 | System fetches the interview results. | | | **DP** |
|  | event-6 | Validate that the selected candidate has cleared interview rounds. | | | **VL** |
|  | event-7 | Display candidate performance. | | | **OP** |
|  | event-8 | Recruiter selects the best candidate. | | | **UIE** |
|  | event-9 | Recruiter type the job letter and click on “**Send Offer Letter**” | | | **UIE** |
|  | event-10 | System sent a notification for the confirmation to the candidate. | | | **OP** |
|  | | | | | |
| **User-1, Goal-5** | **Description of Goal-5:** **Manage Job Listings** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Recruiter User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR** |
|  | event-3 | If verification event-02 is successfull then display the Recruiter Dashboard. | | | **OP** |
|  | event-4 | The recruiter selects "**Manage Jobs**". | | | **UIE** |
|  | event-5 | Fetches all posted job listings. | | | **DP** |
|  | event-6 | Displays job listings with edit/delete options. | | | **OP** |
|  | event-7 | The recruiter edits or removes a job listing. | | | **UIE** |
|  | event-8 | Updates job details in the database. | | | **DP** |
|  | event-9 | Displays confirmation message. | | | **OP** |
|  | | | | | |
| **User-1, Goal-6** | **Description of Goal-6:** **Communicate with Employer** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Recruiter User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR** |
|  | event-3 | If verification event-02 is successfull then display the Recruiter Dashboard. | | | **OP** |
|  | event-4 | The recruiter selects "**Messages**". | | | **UIE** |
|  | event-5 | Fetches messages from employers. | | | **DP** |
|  | event-6 | Displays message list. | | | **OP** |
|  | event-7 | The recruiter message others with their Phone Number and message body. | | | **UIE**  **UID** |
|  | event-8 | Saves conversation in the database. | | | **DP** |
|  | event-9 | Send employer notification. | | | **OP** |
|  | | | | | |
| **User-1, Goal-7** | **Description of Goal-7:** **Generate Recruitment Reports** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Recruiter User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR** |
|  | event-3 | If verification event-02 is successfull then display the Recruiter Dashboard. | | | **OP** |
|  | event-4 | The recruiter selects "**Reports**". | | | **UIE** |
|  | event-5 | Fetches recruitment data. | | | **DP** |
|  | event-6 | Displays report insights. | | | **OP** |
|  | event-7 | The recruiter downloads reports. | | | **UIE** |
|  | event-8 | Saves report in the system. | | | **DP** |
|  | event-9 | Displays confirmation message. | | | **OP** |
|  | | | | | |
| **User-1, Goal-8** | **Description of Goal-8:** **Improve Hiring Process** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Recruiter User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR** |
|  | event-3 | If verification event-02 is successfull then display the Recruiter Dashboard. | | | **OP** |
|  | event-4 | The recruiter selects "**Feedback & Improvement**". | | | **UIE** |
|  | event-5 | Fetches employer and candidate feedback. | | | **DP** |
|  | event-6 | Displays feedback insights. | | | **OP** |
|  | event-7 | The recruiter makes adjustments to job postings and recruitment strategies. | | | **UIE** |
|  | event-8 | Saves improvements to the system. | | | **DP** |
|  | event-9 | Displays improvement confirmation message. | | | **OP** |

| **User-2 name:** **Candidate** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **User-2, Goal-1** | **Description of Goal-1:Manage Candidate Profile** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Candidate User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR,VL** |
|  | event-3 | If verification event-02 is successfull then display the Candidate Dashboard. | | | **OP** |
|  | event-4 | Candidate selects “**Manage Profile**". | | | **UIE** |
|  | event-5 | Inputs Full Name, Date of Birth, Address, Email, Phone, Nationality, Education Qualification, Work Experience, Skill.Then click on “Confirm”. | | | **UIE** |
|  | event-6 | No field is empty.Email must be like “[example@gmail.com](mailto:example@gmail.com)”.Phone Number starts with 01 between 11 digits. | | | **VL** |
|  | event-7 | Saves profile information to the database. | | | **DP** |
|  | event-8 | Displays profile completion confirmation. | | | **OP** |
|  | | | | | |
| **User-2, Goal-2** | **Description of Goal-2:** **Search for Job Openings** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Candidate User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR,VL** |
|  | event-3 | If verification event-02 is successfull then display the Candidate Dashboard. | | | **OP** |
|  | event-4 | Selects "**Search Jobs**". | | | **UIE** |
|  | event-5 | Fetches active job listings. | | | **DP** |
|  | event-6 | Displays job openings with filters. | | | **OP** |
| **User-2, Goal-3** | **Description of Goal-3: Apply for a Job** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Candidate User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR,VL** |
|  | event-3 | If verification event-02 is successfull then display the Candidate Dashboard. | | | **OP** |
|  | event-4 | Select “**Apply For a Job**”. | | | **UIE** |
|  | event-5 | Uploads resume and cover letter. | | | **UID** |
|  | event-6 | Saves application data to the database. | | | **DP** |
|  | event-7 | Displays application confirmation. | | | **OP** |
|  | | | | | |
| **User-2, Goal-4** | **Description of Goal-4:** **Track Application Status** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Candidate User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR** |
|  | event-3 | If verification event-02 is successfull then display the Candidate Dashboard. | | | **OP** |
|  | event-4 | Select "**Track Applications**". | | | **UIE** |
|  | event-5 | Fetches application statuses. | | | **DP** |
|  | event-6 | Candidate Filter with checkbox and do search, Show All application and clear filter. | | | **UIE** |
|  | event-7 | Displays application status updates. | | | **OP** |
|  | | | | | |
| **User-2, Goal-5** | **Description of Goal-5:** **Receive Job Interview Invitations** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Candidate User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR** |
|  | event-3 | If verification event-02 is successfull then display the Candidate Dashboard. | | | **OP** |
|  | event-4 | Select “**Interview Invitation**”. | | | **UIE** |
|  | event-5 | Displays interview schedule. | | | **OP** |
|  | event-5 | Accepts or declines an interview. | | | **UIE** |
|  | event-5 | Saves response in the database. | | | **DP** |
|  | | | | | |
| **User-2, Goal-6** | **Description of Goal-6:** **Check Inbox** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Candidate User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR** |
|  | event-3 | If verification event-02 is successfull then display the Candidate Dashboard. | | | **OP** |
|  | event-4 | Select "**Inbox**". | | | **UIE** |
|  | event-5 | Fetches message data. | | | **DP** |
|  | event-6 | Displays preparation materials. | | | **OP** |
|  | | | | | |
| **User-2,**  **Goal-7** | **Description of Goal-7:** **Receive Job Offers** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Candidate User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR** |
|  | event-3 | If verification event-02 is successfull then display the Candidate Dashboard. | | | **OP** |
|  | event-4 | Select "**Job Offer**". | | | **UIE** |
|  | event-5 | Displays received offers. | | | **OP** |
|  | event-6 | Accepts or declines an offer. | | | **UIE** |
|  | event-7 | Saves response in the system. | | | **DP** |
|  | | | | | |
| **User-2, Goal-8** | **Description of Goal-8:** **Provide Feedback on Recruitment Process.** | | | | **Event type** |
| Workflow: | event-1 | Log in to the system with User Name, Password, User Type. | | | **UIE** |
|  | event-2 | Verify Candidate User Name, password and User Type.   * **Phone Number** : Must start with 01 and between 11 digits. * **Password Strength** → Minimum 8 characters, **1 uppercase letter, 1 special character, 1 number**. * **User Type** → Cannot be left empty. | | | **VR** |
|  | event-3 | If verification event-02 is successfull then display the Candidate Dashboard. | | | **OP** |
|  | event-4 | Selects "**Provide Feedback**".  No field is Empty. | | | **UIE**  **VL** |
|  | event-5 | Enter feedback using FeedBack type, Description, Name, Email, Phone.Then click on “Submit” | | | **UID** |
|  | event-6 | Saves feedback data. | | | **DP** |
|  | event-7 | Displays feedback submission confirmation. | | | **OP** |

| **User-3 name:Training Coordinator** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **User-3, Goal-1** | **Description of Goal-1 Open Training Schedule Page** | | | | **Event type** |
| Workflow: | event-1 | Training Coordinator is on the dashboard. | | | UIE |
|  | event-2 | Clicks the **"Training Schedule"** button to view upcoming sessions. | | | UIE |
|  | event-3 | Coordinator clicks on the “View Training Requests” button. | | | DP |
|  | event-4 | System loads and displays the **Training Schedule** scene or page | | | DP |
|  |  |  | | |  |
|  | | | | | |
| **User-3, Goal-2** | **Description of Goal-2:Click on "View My Profile"** | | | |  |
| Workflow: | event-1 | Training Coordinator opens the Dashboard | | | UIE |
|  | event-2 | * Clicks on the "View My Profile" button | | | UIE |
|  | event-3 | System navigates to the "Profile" page | | | DP |
|  | event-4 | Profile information is displayed (read-only) | | | DP |
|  |  |  | | |  |
|  | | | | | |
| **User-3, Goal-3** | **Description of Goal-3:Organize Training Sessions** | | | |  |
| Workflow: | event-1 | **Training Coordinator** logs into the system using User ID and Password. | | | See login Process |
|  | event-2 | Upon successful login, the system presents the user with the main training dashboard | | | **OP** |
|  | event-3 | **The user navigates the dashboard and clicks on the "Schedule Training" option**  **-Place a Button labeled "Schedule Training" on the dashboard.**    **-Assign an onAction event to this button to load the scheduling interface.** | | | **UIE** |
|  | event-4 | The system accesses its database to fetch a list of qualified trainers and their available time slots | | | **DP** |
|  | event-**4** | The system presents the user with a list or calendar view of available training slots and corresponding trainers | | | **OP** |
|  | event-**5** | After reviewing the options, the user selects their preferred slot and trainer, then confirms the booking | | | **UIE** |
|  | event-**6** | The system records the confirmed session details in its database and automatically sends notifications to the involved parties, including the trainer and participants | | | **DP & OP** |
|  | | | | | |
| **User-3, Goal-4** | **Description of Goal-4:** **Maintain Training Records** | | | |  |
| Workflow: | event-1 | **Training Coordinator** logs into the system using User ID and Password.  **The system processes the entered credentials, checking them against stored user data** | | | Login process executed  VR |
|  | event-2 | **After login, the system presents the user with the main training dashboard.** | | | **OP** |
|  | event-3 | The user navigates the dashboard and clicks on the "Manage Training Records" option.  To access the section dedicated to overseeing and updating training records. | | | **DP** |
|  | event-4 | **The system presents the fetched training records in a structured format, such as a table or list.** | | | **OP** |
|  | event-5 | **The system commits the user's modifications to the database, updating existing records or System Saves Changes .** | | | **DP** |
|  | event-**n** | **The system displays a confirmation message indicating that the records have been successfully updated or archived.** | | | **OP** |
|  | | | | | |
| **User-3, Goal-5** | **Description of Goal-5:** **Manage Training Budgets** | | | |  |
| Workflow: | event-1 | Display the homepage  - The **Training Coordinator** will “LOG IN” by entering “User Name” and “Password”.  - If the login is successful, the screen will change to the user’s dashboard | | | See login process |
|  | event-2 | On dashboard  - The user can click on the “**Training Budgets**” button which will change the scene | | | UIE, OP |
|  | event-3 | On next screen  The user will select the place from ComboBox and write the budget in TextField. | | | UID |
|  | … | Then the user will click on the “ **Manage Training** Budget” button to load the information in TableView. | | | UIE,OP |
|  | event-**n** | If the user clicks on the “Return Home” button the screen will return to the dashboard.  Else, stays on the same screen | | | UIE, OP |
|  | | | | | |
| **User-3, Goal-6** | **Description of Goal-6: Monitor Training Progress** | | | |  |
| Workflow: | event-1 | Display the homepage  - The **Training Coordinator** will “LOG IN” by entering “User Name” and “Password”.  - If the login is successful, the screen will change to the user’s dashboard.  - Else click on “Forgot Password” to reset the password | | | See login process |
|  | event-2 | On dashboard  - The user can click on the “**Monitor** Details” button which will change the scene. | | | UIE, OP |
|  | event-3 | On next screen  - The user will now write a training progress in a TextField and click on the “Search Case Details” button which will load the TextArea with case details from a file | | | UID,UIE,OP |
|  | event-4… | Now the user can write on the TextArea and click the “Save File” button to save the training progress | | | UIE |
|  | event-**n** | If the user clicks on the “Return Home” button the screen will return to the dashboard.  Else, stays on the same screen. | | | UIE, OP |
|  | | | | | |
| **User-3, Goal-7** | **Description of Goal-7: View Upcoming Trainings** | | | |  |
| Workflow: | event-1 | Training Coordinator opens the Dashboard | | | UIE |
|  | event-2 | Clicks on the "View Upcoming Trainings" button. | | | UIE |
|  | event-3 | System navigates to the "Upcoming Trainings" paget. | | | UIE |
|  | event-4 | The system records the trainer assignments in the database, updating the session details accordingly. | | | DP |
|  | event-**n** | System loads and displays training data from database. | | | DP |
|  | | | | | |
| **User-3, Goal-8** | **Description of Goal-8:** **Evaluate Training Effectiveness** | | | |  |
| Workflow: | event-1 | The user enters their login credentials into the system.  The system checks the provided credentials against stored user data. | | | UIE  VR |
|  | event-2 | Upon successful login, the system presents the main training dashboard. | | | OP |
|  | event-3 | The user navigates the dashboard and clicks on the "Training Evaluation" button  The system retrieves completed post-training surveys and feedback forms from the database. | | | UIE  OP |
|  | event-4 | The user reviews the feedback reports, identifies trends or issues, and modifies training materials or methods accordingly. | | | UIE |
|  | event-**n** | The system records the updates made to training methods and materials in the database. | | | DP |

| **User-4 name: Job Consultant** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **User-4, Goal-1** | **Description of Goal-1:** **Assess Client Hiring Needs** | | | | event type |
| Workflow: | event-1 | Job Consultant logs into the system by entering User ID and Password | | |  |
|  |  | On dashboard  - Agency Director clicks on the "**Hiring Needs Assessment**" button which will change the scene. | | |  |
|  | event-3 | The consultant locates and clicks on the "**Hiring Needs Assessment**" option.  This option is prominently displayed for easy access   * A form or interface appears, prompting the consultant to input specific details about the client's job needs * Job Title:The position the client wants to fill. * Required Skills: Specific abilities or expertise needed. * Experience Level: The amount of relevant experience desired. * Job Responsibilities: Key duties associated with the role. * Location: Where the job is based. * Salary Range: Expected compensation for the position.   The consultant fills in these details based on discussions with the client. | | | UIE  UID |
|  | event-3 | After completing the form, the consultant clicks a "**Save**" or "**Submit**" button. | | | DP |
|  | event-**n** | The system shows a confirmation message indicating the data has been successfully recorded | | | DP |
|  | | | | | |
| **User-4, Goal-2** | **Description of Goal-2:** **View Candidate details** | | | |  |
| Workflow: | event-1 | Job Consultant logs into the system by entering User ID and Password | | | Log in Process Executed |
|  | event-2 | After successful login, the Job consuntant’s dashboard appears with various navigation options like "View Candidate Details." | | | UIE |
|  | event-3 | clicks on the "Load Candidate Details" button, which opens a list of candidate | | | UIE |
|  | event-4 | **TableView** with columns for Job Title, Candidate Name, Qualification,Skills,Experience.  - Ensure that at least one candidate's application is displayed. If there is no data, show an **error message**: "No candidate found." | | | DP |
|  | | | | | |
| **User-4, Goal-3** | **Description of Goal-3: Recommend a Candidate** | | | |  |
| Workflow: | event-1 | Job Consultant opens the "Candidate Management" page | | | **UIE** |
|  | event-2 | Consultant selects a candidate from the candidate list. | | | **UIE** |
|  | event-3 | Consultant clicks the "Recommend Candidate" button. | | | UIE |
|  | event-4 | System shows message “Candidate recommended! | | | **DP** |
|  | event-5 | Consultant clicks the "View Recommended" button to see all recommended candidates | | | **UIE** |
|  | event-**n** | System displays the recommended candidates in a separate list. | | | **DP** |
|  | | | | | |
| **User-4, Goal-4** | **Description of Goal-4:** **Coordinate Interviews** | | | |  |
| Workflow: | event-1 | The **Job Consultant** enters their username and password -Clicks the **"Login"** button | | | login process |
|  | event-2 | On dashboard  - Agency Director clicks on the **"Coordinate Interviews"** button which will change the scene | | | **OP** |
|  | event-3 | The consultant clicks the **"Schedule Interviews"** button. | | | **UIE** |
|  | event-4 | A **TableView** or **ListView** presents available interview times | | | **OP** |
|  | event-**n** | The consultant selects a time slot and clicks **"Confirm Interview**  **-Saves the selection and updates the interview schedule** | | | **UIE** |
|  | | | | | |
| **User-4, Goal-5** | **Description of Goal-5: Negotiate Employment Terms** | | | |  |
| Workflow: | event-1 | Job Consultant logs into the system by entering User ID and Password | | | See the login process |
|  | event-2 | On dashboard  - Agency Director clicks on the “**Job Consultant**” button which will change the scene. | | | OP |
|  | event-3 | The consultant clicks the **"Negotiate Terms"** button. | | | UIE |
|  | event-4 | Select from a ComboBox (auto-populated from the candidate list  Candidate Name – Select from a ComboBox  Company Name – Text input field.  Position Offered – Text input field.  Salary Offer ($) – Numeric input field.  Work Schedule – Drop-down | | | UID |
|  | event-**5** | The consultant clicks the **"Confirm Agreement"** button -Sends a confirmation message to the **candidate** | | | OP |
|  | | | | | |
| **User-4, Goal-6** | **Description of Goal-6: Manage Candidate Records** | | | |  |
| Workflow: | event-1 | Display the homepage:  The **Job Consultant** will “LOG IN” by entering “User Name” and “Password”.  - If the login is successful, the screen will change to the user’s dashboard.  - Else click on “Forgot Password” to reset the password. | | | **See the login process** |
|  | event-2 | Upon successful login, the **Consultant Dashboard Scene** is displayed | | | **OP** |
|  | event-3 | The consultant clicks **"Manage Candidate Records**  **The system displays a TableView showing all candidates, with columns like:**   * **Candidate ID** * **Name** * **Email** * **Phone Number** * **Status (Pending/Approved/Rejected)** | | | **UIE** |
|  | event-4 | Click **"Update"** to save changes. | | | **DP** |
|  | event-**5** | A confirmation message appears: **"Candidate details updated successfully”** | | | **OP** |
|  | | | | | |
| **User-4, Goal-7** | **Description of Goal-7:**Mark Candidate as Interviewed | | | |  |
| Workflow: | event-1 | Job Consultant opens the "Candidate List" page. | | | See the login process  **UIE** |
|  | event-2 | Selects a candidate from the TableViews | | | UIE |
|  | event-3 | **Clicks the "Mark as Interviewed" button** | | | **UIE** |
|  | event-4 | **System sets isInterviewed = true for the selected candidate"**. | | | **OP** |
|  | event-**5** | **Displays a message: “Candidate marked as interviewed** | | | **VL** |
|  | | | | | |
| **User-4, Goal-8** | **Description of Goal-8:** **Checklist for Compliance Review** | | | |  |
| Workflow: | event-1 | **Job Consultant selects a candidate from the list.** | | | **UIE** |
|  | event-2 | **Job Consultant checks off "CV Submitted" for the selected candidate.** | | | **UIE** |
|  | event-3 | Job Consultant checks off "Certificates Submitted" for the selected candidate.    Job Consultant checks off "ID Verified" for the selected candidate. | | | **UIE** |
|  | event-4 | **Job Consultant clicks "Approve Candidate" after all requirements are checked.** | | | **UIE** |
|  | event-5 | **System marks candidate as compliant if all checkboxes are checked.** | | | **DP** |
|  | event-6 | **A confirmation message is displayed: “Candidate is now compliant and approved for job pool!** | | | **DP** |
|  | event-**n** |  | | |  |

| **User-5 name: IT Support Manager** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **User-5, Goal-1** | **Description of Goal-1:** **Manage IT Support Ticket** | | | | event type |
| Workflow: | event-1 | Log in to the system with username and password. | | | **UIE** |
|  | event-2 | Verify username and password. | | | **VR** |
|  | event-3 | IT dashboard is displayed. | | | **OP** |
|  | event-4 | Selects "View Support Tickets". | | | **UIE** |
|  | event-5 | Fetches list of active IT support tickets. | | | **DP** |
|  | event-6 | Displays ticket details. | | | **OP** |
|  | event-7 | Assigns a ticket to IT staff. | | | **UIE** |
|  | event-8 | Saves the assignment and notifies the team. | | | **DP,OP** |
|  | | | | | |
| **User-5, Goal-2** | **Description of Goal-2:** **Monitor System Performance** | | | |  |
| Workflow: | event-1 | Log in to the system with username and password. | | | **UIE** |
|  | event-2 | Verify username and password. | | | **VR** |
|  | event-3 | Displays dashboard. | | | **OP** |
|  | event-4 | Selects "System Performance". | | | **UIE** |
|  | event-5 | Fetches CPU, memory, and network usage stats. | | | **DP** |
|  | event-6 | Displays performance insights. | | | **OP** |
|  | event-7 | Take necessary optimization actions. | | | **UIE** |
|  | event-8 | Logs changes for system records. | | | **DP** |
|  | | | | | |
| **User-5, Goal-3** | **Description of Goal-3:** **Oversee System Security** | | | |  |
| Workflow: | event-1 | **…….** | | | **…….** |
|  | event-2 | **…….** | | | **…….** |
|  | event-3 | **…….** | | | **…….** |
|  | … | **…….** | | | **…….** |
|  | event-**n** | **…….** | | | **…….** |
|  | | | | | |
| **User-5, Goal-4** | **Description of Goal-4:** **Perform System Maintenance** | | | |  |
| Workflow: | event-1 | **…….** | | | **…….** |
|  | event-2 | **…….** | | | **…….** |
|  | event-3 | **…….** | | | **…….** |
|  | … | **…….** | | | **…….** |
|  | event-**n** | **…….** | | | **…….** |
|  | | | | | |
| **User-5, Goal-5** | **Description of Goal-5:** **Manage User Accounts** | | | |  |
| Workflow: | event-1 | **…….** | | | **…….** |
|  | event-2 | **…….** | | | **…….** |
|  | event-3 | **…….** | | | **…….** |
|  | … | **…….** | | | **…….** |
|  | event-**n** | **…….** | | | **…….** |
|  | | | | | |
| **User-5, Goal-6** | **Description of Goal-6:** **Backup and Restore Data** | | | |  |
| Workflow: | event-1 | **…….** | | | **…….** |
|  | event-2 | **…….** | | | **…….** |
|  | event-3 | **…….** | | | **…….** |
|  | … | **…….** | | | **…….** |
|  | event-**n** | **…….** | | | **…….** |
|  | | | | | |
| **User-5, Goal-7** | **Description of Goal-7:** **Provide IT Support Training** | | | |  |
| Workflow: | event-1 | **…….** | | | **…….** |
|  | event-2 | **…….** | | | **…….** |
|  | event-3 | **…….** | | | **…….** |
|  | … | **…….** | | | **…….** |
|  | event-**n** | **…….** | | | **…….** |
|  | | | | | |
| **User-5, Goal-8** | **Description of Goal-8:** **Generate IT Reports** | | | |  |
| Workflow: | event-1 | **…….** | | | **…….** |
|  | event-2 | **…….** | | | **…….** |
|  | event-3 | **…….** | | | **…….** |
|  | … | **…….** | | | **…….** |
|  | event-**n** | **…….** | | | **…….** |

| **User-6 name:** **HR Coordinator** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **User-6, Goal-1** | **Description of Goal-1: Verify Job Postings** | | | | event type |
| Workflow: | event-1 | Log in to the system with username and password | | | **UIE** |
|  | event-2 | Verify username and password. | | | **VR** |
|  | event-3 | Dashboard is displayed. | | | **OP** |
|  | event-4 | Selects "Verify Job Listings". | | | **UIE** |
|  | event-5 | Fetches pending job postings. | | | **DP** |
|  | event-6 | Displays job details | | | **OP** |
|  | event-7 | Approves or rejects job listings. | | | **UIE** |
|  | event-8 | Updates job status. | | | **DP** |
|  | | | | | |
| **User-6, Goal-2** | **Description of Goal-2:** **Oversee Employee Onboarding** | | | |  |
| Workflow: | event-1 | Logs in. | | | **UIE** |
|  | event-2 | Verifies credentials. | | | **VR** |
|  | event-3 | HR dashboard displayed. | | | **OP** |
|  | event-4 | Selects "Onboarding". | | | **UIE** |
|  | event-5 | Fetches new hire details. | | | **DP** |
|  | event-6 | Displays onboarding steps. | | | **OP** |
|  | event-7 | Assigns onboarding tasks. | | | **UIE** |
|  | event-8 | Saves updates. | | | **DP** |
|  |  |  | | |  |
|  | | | | | |
| **User-6, Goal-3** | **Description of Goal-3:** **…….** | | | |  |
| Workflow: | event-1 | **…….** | | | **…….** |
|  | event-2 | **…….** | | | **…….** |
|  | event-3 | **…….** | | | **…….** |
|  | … | **…….** | | | **…….** |
|  | event-**n** | **…….** | | | **…….** |
| **User-6, Goal-4** | **Description of Goal-4:** **…….** | | | |  |
| Workflow: | event-1 | **…….** | | | **…….** |
|  | event-2 | **…….** | | | **…….** |
|  | event-3 | **…….** | | | **…….** |
|  | … | **…….** | | | **…….** |
|  | event-**n** | **…….** | | | **…….** |
|  | | | | | |
| **User-6, Goal-5** | **Description of Goal-5:** **…….** | | | |  |
| Workflow: | event-1 | **…….** | | | **…….** |
|  | event-2 | **…….** | | | **…….** |
|  | event-3 | **…….** | | | **…….** |
|  | … | **…….** | | | **…….** |
|  | event-**n** | **…….** | | | **…….** |
|  | | | | | |
| **User-6, Goal-6** | **Description of Goal-6:** **…….** | | | |  |
| Workflow: | event-1 | **…….** | | | **…….** |
|  | event-2 | **…….** | | | **…….** |
|  | event-3 | **…….** | | | **…….** |
|  | … | **…….** | | | **…….** |
|  | event-**n** | **…….** | | | **…….** |
|  | | | | | |
| **User-6, Goal-7** | **Description of Goal-7:** **…….** | | | |  |
| Workflow: | event-1 | **…….** | | | **…….** |
|  | event-2 | **…….** | | | **…….** |
|  | event-3 | **…….** | | | **…….** |
|  | … | **…….** | | | **…….** |
|  | event-**n** | **…….** | | | **…….** |
|  | | | | | |
| **User-6, Goal-8** | **Description of Goal-8:** **…….** | | | |  |
| Workflow: | event-1 | **…….** | | | **…….** |
|  | event-2 | **…….** | | | **…….** |
|  | event-3 | **…….** | | | **…….** |
|  | … | **…….** | | | **…….** |
|  | event-**n** | **…….** | | | **…….** |

| **User-7 name:** **Agency Director** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **User-7,**  **Goal-1** | **Description of Goal-1:** **View Candidate details** | | | | event type |
| Workflow: | event-1 | Agency Director logs into the system by entering User ID and Password | | | Log in Process Executed |
|  | event-2 | After successful login, the Agency Director’s dashboard appears with various navigation options like "View Candidate Details." | | | UIE |
|  | event-3 | clicks on the "Load Candidate Details" button, which opens a list of candidate | | | UIE |
|  | event-4 | **TableView** with columns for Job Title, Candidate Name, Qualification,Skills,Experience.  - Ensure that at least one candidate's application is displayed. If there is no data, show an **error message**: "No candidate found." | | | DP |
|  | | | | | |
| **User-7, Goal-2** | **Description of Goal-2:** **Assign Recruiters** | | | |  |
| Workflow: | event-1 | Agency Director logs into the system by entering User ID and Password | | | Log in Process Executed |
|  | event-2 | On dashboard  - Agency Director clicks on the “**Assign Recruiters**” button which will change the scene. | | | UIE, OP |
|  | event-3 | On next screen  The Agency Director selects a job from the **Select Job** ComboBox | | | UID |
|  | event-4 | - System fetches and displays:  ➤ **Job Title**  ➤ **Job Description**  ➤ **Job Status** | | | DP |
|  | event-5 | Agency Director selects a recruiter from the **Select Recruiter** dropdown. | | | UIE |
|  | event-6 | Director clicks the **Confirm Assignment** button. | | | UIE |
|  | event-7 | System displays a message in **statusLabel**: “Recruiter assigned successfully.”  Else System shows an error in **statusLabel** if something is wrong. | | | OP  OP |
|  | | | | | |
| **User-7,**  **Goal-3** | **Description of Goal-3: Manage Agency Budget for Recruiting** | | | |  |
| Workflow: | event-1 | Agency Director logs into the system by entering User ID and Password | | | Log in Process Executed |
|  | event-2 | On dashboard  - Agency Director clicks on the **"Manage Agency Budget"** button which will change the scene. | | | UIE |
|  | event-3 | On next scene  Clicks on the **Load Data** button and loads budget data and displays it in the **budgetTable** TableView. | | | DP,OP |
|  | event-4 | The Agency Director modifies the budget allocation  -Selects **TextField** for entering the new budget amount, **ComboBox** for selecting budget category. | | | UIE, VL |
|  | event-5 | The Agency Director clicks the **"Save Changes"** button to save the new budget | | | DP |
|  | | | | | |
| **User-7,**  **Goal-4** | **Description of Goal-4:** **Handle Payments and Transactions** | | | |  |
| Workflow: | event-1 | Agency Director logs into the system by entering User ID and Password | | | VL |
|  | event-2 | On dashboard  - Agency Director clicks on the **"Payments And Transactions"** button which will change the scene. | | | DP |
|  | event-2 | On next scene  Director selects "**Load Payment Data**" button | | | UIE |
|  | event-3 | fetches and loads payment data in **paymentTable** TableView. | | | DP |
|  | event-4 | selects a payment method from the **ComboBox** and types a number in the **Payment AmountField**.   * validates input to ensure it's numeric only. | | | UIE  VL |
|  | event-5 | clicks on the **Process Payment** button. | | | DP |
|  | event-6 | Validates if a method is selected and the amount is valid.  If invalid , the system shows error . | | | VL |
|  | event-7 | If valid, displays saved payment data in the **TextArea**. | | | OP |
|  | | | | | |
| **User-7,**  **Goal-5** | **Description of Goal-5:** **Arrange Meetings** | | | |  |
| Workflow: | event-1 | Agency Director logs into the system by entering User ID and Password | | | VL |
|  | event-2 | On dashboard  - Agency Director clicks on the **"Arrange Meetings"** button which will change the scene. | | | UIE |
|  | event-3 | Agency Director selects **TextField** Meeting Title  And selects a **ComboBox** for Participants and a **DatePicker** Meeting Date and selects a TextField for Time and add Description in TextArea | | | DP,OP |
|  | event-4 | checks if there's already a meeting scheduled with the same participants at the selected date and time. | | | UIE |
|  | event-5 | If valid, update the TableView to show the newly added meeting under “Saved Meetings.” | | | DP |
|  | event-6 | A success message appears below: “Meeting saved successfully.”  If errors occur, show messages like “Please fill all required fields.” | | | OP |
|  | | | | | |
| **User-7, Goal-6** | **Description of Goal-6:** **View Revenue and Expenses** | | | |  |
| Workflow: | event-1 | Agency Director logs into the system by entering User ID and Password | | | VL |
|  | event-2 | On dashboard  - Agency Director clicks on the **"View Revenue and Expenses"** button which will change the scene. | | | UIE |
|  | event-3 | On next scene displays:  • TableView with columns: Category, Amount, Status, Date  • Pie chart area  • “Load Data” button. | | | OP  UID |
|  | event-4 | clicks the “Load Data” button and displays TableView with rows of categorized entries: revenue and expenses with their date and status. | | | OP |
|  | event-**n** | calculates totals for Revenue and Expense and populates the PieChart with two slices: one for **Total Revenue** and another for **Total Expense**. | | | OP |
|  | | | | | |
| **User-7, Goal-7** | **Description of Goal-7:** **Accept Financial Recommendations** | | | |  |
| Workflow: | event-1 | Agency Director logs into the system by entering User ID and Password | | | VL |
|  | event-2 | On dashboard  - Agency Director clicks on the **"Accept Financial Recommendations"** button which will change the scene | | | UIE |
|  | event-3 | On next scene  clicks the **"Load Recommendations"** button and displays TableView with rows of categorizes entries: Recommendation ID, Category, Amount, Status | | | DP,OP |
|  | event-4 | The Agency Director process recommendations  -Selects **TextField** for entering the amount to approve, **ComboBox** for selecting Recommendation category. | | | UIE |
|  |  | Validates  • A row is selected  • Amount is provided  • Valid format  • Category is chosen  If verification succeeds, system updates the recommendation as **"Approved"** and display the saved data in **savedDataTextArea** | | | VL  OP |
|  | event-5 | If Agency Director clicks the **"Reject Recommendation"** button  updates status as **"Rejected"** and display the saved data in **savedDataTextArea** | | | UIE  OP |
|  | | | | | |
| **User-7, Goal-8** | **Description of Goal-8:** **Oversee Candidate Applications** | | | |  |
| Workflow: | event-1 | Agency Director logs into the system by entering User ID and Password | | | VL |
|  | event-2 | On dashboard  - Agency Director clicks on the **"Oversee Candidate Applications"** button which will change the scene | | | UIE |
|  | event-3 | Director selects the "**Candidate Applications**" button. | | | UIE |
|  | event-4 | Fetches all submitted applications and displays candidates details | | | DP,OP |
|  | event-5 | Filters applications by status or job role. | | | UIE |
|  | event-6 | The system updates the database and send notification email/SMS | | | DP |

| **User-8 name:** **Accountant** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **User-8, Goal-1** | **Description of Goal-1:** **Accountants can Prepare Salaries for all the stuff** | | | | event type |
| Workflow: | event-1 | Accountant logs into the system by entering User ID and Password | | | VL |
|  | event-2 | On dashboard  - Agency Director clicks on the **"Prepare Salaries"** button which will change the scene | | |  |
|  | event-3 | Accountant will click the **Prepare Salaries for all the stuff** button. | | | OP, UIE |
|  | event-4 | After clicking the button, a new tab will be open where user will click the Choose user (All Stuff) button to show their list in a text area. | | | UIE, OP, UID |
|  | event-5 | After completing the task the User will click the Pay button to mark as paid. | | | UIE, OP |
|  | event-6 | The system updates the database and send notification email/SMS | | | DP |
|  | | | | | |
| **User-8, Goal-2** | **Description of Goal-2:** **Accountant can View total Revenue** | | | |  |
| Workflow: | event-1 | Accountant Logs In  Workflow:   * Accountant provides username and password. * System validates credentials. * If login is successful, proceed to Event 2. * Else, display an error message. | | | VL |
|  | event-2 | The Accountant’s dashboard will appear. Accountant will click on the **View total Revenue** button. | | | OP, UIE |
|  | event-3 | After clicking that button, this will display a scene which contains a bar chart of total revenue. | | | OP |
|  | event-4 | Clicking the “**Back**” button will send the User back to the dashboard. | | | UIE |
|  | | | | | |
| **User-8, Goal-3** | **Description of Goal-3:** **Accountant can send financial recommendations to Director** | | | |  |
| Workflow: | event-1 | Accountant Logs In  Workflow:   * Accountant provides username and password. * System validates credentials. * If login is successful, proceed to Event 2. * Else, display an error message. | | | VL |
|  | event-2 | Accountant will click on the **"Send Financial Recommendations."** | | | UIE, OP |
|  | event-3 | The accountant enters the recommendation details and selects the type. | | | UID |
|  | event-4 | The system checks if all required fields are filled and verifies the accountant’s permission to send recommendations. | | | VL, VR |
|  | event-5 | The system processes the recommendation and prepares it for submission. | | | DP |
|  | event-6 | The accountant submits the recommendation to the Director, and the system updates the database and send notification email/SMS | | | UID, OP |
|  | | | | | |
| **User-8, Goal-4** | **Description of Goal-4:** **Accountants can View the monthly profit/ loss** | | | |  |
| Workflow: | event-1 | Accountant Logs In  Workflow:   * Accountant provides username and password. * System validates credentials. * If login is successful, proceed to Event 2. * Else, display an error message. | | | VL |
|  | event-2 | Accountant will click the **Monthly profit / loss chart** button**.** | | | UIE, VL |
|  | event-3 | After clicking the button, a new tab will be open where User can see two buttons:  1. View Profit  2. View Loss | | | OP |
|  | event-4 | If the user clicks, View Profit button then a new scene will appear where he can see the profit chart of the month. | | | UIE, OP |
|  | event-5 | If the user clicks, View Loss button then a new scene will appear where he can see the loss chart of the month. | | | OP, UIE |
|  | | | | | |
| **User-8, Goal-5** | **Description of Goal-5:** **Update finance and accounts records** | | | |  |
| Workflow: | event-1 | Accountant Logs In  Workflow:   * Accountant provides username and password. * System validates credentials. * If login is successful, proceed to Event 2. * Else, display an error message. | | | VL |
|  | event-2 | Accountant will click the **Update Finance or Accounts record** button. | | | OP, UIE |
|  | event-3 | A new tab will be open for the user with some options.   * Add Transaction * Add Revenue total * Generate revenue report * Remove   Accountant will choose any option and click the button what he wants to do for updating the records | | | UID, OP, UIE |
|  | … | Then the accountant will click the Save button to save the information. | | | UIE |
|  | event-**n** | System updates the database and send notification email/SMS | | | DP |
|  | | | | | |
| **User-8, Goal-6** | **Description of Goal-6:** **Make Statement of Monthly and Yearly cost.** | | | |  |
| Workflow: | event-1 | Accountant Logs In  Workflow:   * Accountant provides username and password. * System validates credentials. * If login is successful, proceed to Event 2. * Else, display an error message. | | | VL |
|  | event-2 | Accountant will click the **Make statements of monthly and yearly cost** button. | | | OP, UIE |
|  | event-3 | Then another scene will be open where he will write the statements in the text area | | | UID, OP |
|  | … | The User then makes a list of all the monthly and yearly costs with details and makes a statement. After completing the task, User will click the Save button to save the statement in the app. | | | UID, UIE |
|  | event-**n** | System updates the database and send notification email/SMS | | | DP |
|  | | | | | |
| **User-8, Goal-7** | **Description of Goal-7:** **Monitor Payment Status** | | | |  |
| Workflow: | event-1 | Accountant Logs In  Workflow:   * Accountant provides username and password. * System validates credentials. * If login is successful, proceed to Event 2. * Else, display an error message. | | | VL |
|  | event-2 | Then Accountant dashboard displayed and the accountant will click the "**Payment Status**" button. | | | OP,UIE |
|  | event-3 | The system fetches all pending payments | | | DP |
|  | event-4 | Displays pending transactions | | | OP |
|  | | | | | |
| **User-8, Goal-8** | **Description of Goal-8:** **Generate Invoices for Clients** | | | |  |
| Workflow: | event-1 | Accountant Logs In  Workflow:   * Accountant provides username and password. * System validates credentials. * If login is successful, proceed to Event 2. * Else, display an error message. | | | VL |
|  | event-2 | Then Accountant dashboard displayed and the accountant will click the "**Generate Invoice**" button. | | | OP,UIE |
|  | event-3 | System displays list of clients in a **TableView** or **ComboBox**. | | | DP |
|  | event-4 | User selects a **client** from the list and Display placement details and auto-calculate total invoice amount. | | | OP |
|  | event-5 | User clicks **“Generate Invoice”** button and System composes invoice content (e.g., client info, candidate list, total amount) and saves to file or PDF. | | | VL |
|  |  | Display confirmation: “Invoice successfully generated | | | OP |