**Document 6- Please prepare a use case diagram, activity diagram and a use**

**case specification document.**

**Use case diagram :**



**Activity diagram :**

1. **Login**



1. **Sanction**



1. **Legal and Technical Evaluation:**



1. **Document Signin**



1. **Customer Onboarding**



**A use case specification document**

A use case specification document is a detailed description of a use case that helps to understand how a system works and what tasks can be completed in each use case.

**Use case 1:**

|  |  |
| --- | --- |
| **Use Case Name** | Log in |
| **Use Case Description** | Login into the system |
| **Actors Primary Actors Secondary Actors** | Customer and Admin |
| **Basic Flow** | Step 1: Customer visit i-lens Web pageStep 2: Customer Enters the login ID and passwordStep 3: Customer Clicks on login button to login into the application |
| **Alternate Flow** | In Step 3, If customer not having login credentials or entered wrong login ID and passwordSystem should response with error message as " User doesn't exists or wrong login ID and password ". |
| **Pre- Conditions** | User should have login credentials |
| **Post-Conditions** | Customer should able to login into the application |
| **Assumptions** | Customer is well known to use computer |
| **Constraints** | NA |
| **Dependencies** | Internet connections |
| **Inputs And Outputs** | Input : Login ID and Password Output : Login into the application |
| **Business Rules** | NA |
| **Miscellaneous Information** | NA |

**Use case 2:**

|  |  |
| --- | --- |
| **Use Case Name** | Loan Sanction |
| **Use Case Description** | Credit team need to login in the system and view the loan application for processing loan sanction |
| **Actors Primary Actors Secondary Actors** | Credit and Admin |
| **Basic Flow** | Step 1: Credit visit i-lens Web pageStep 2: Credit Enters the login ID and passwordStep 3: Credit Clicks on login button to login into the applicationStep 4: Credit team will view the pending loan application for SanctionStep 5: Credit team will select the application and click and Approved to Loan |
| **Alternate Flow** | In Step 3, If credit not having login credentials or entered wrong login ID and passwordSystem should response with error message as " User doesn't exists or wrong login ID and password ".In Step 4, If the credit team click on approve without selecting loan application.System should response with error message as " Loan application not selected". |
| **Pre- Conditions** | Credit team should have login credentials.Credit team should have their access role in the system. |
| **Post-Conditions** | Credit team should able to view and verify the loan for sanction |
| **Assumptions** | Credit team know about the system |
| **Constraints** | System should get auto logout if system is not in use for 10mins |
| **Dependencies** | Internet connections |
| **Inputs And Outputs** | Input : Loan ApplicationOutput : Loan Sanction |
| **Business Rules** | NA |
| **Miscellaneous Information** | NA |

**Use Case 3:**

|  |  |
| --- | --- |
| **Use Case Name** | Loan Disbursement |
| **Use Case Description** | Credit team need to login in the system and view the loan application for processing loan Disbursement |
| **Actors Primary Actors Secondary Actors** | Credit and Admin |
| **Basic Flow** | Step 1: Credit visit i-lens Web pageStep 2: Credit Enters the login ID and passwordStep 3: Credit Clicks on login button to login into the applicationStep 4: Credit team will view the loan application for disbursementStep 5: Credit team will select the application and click and disburse the Loan |
| **Alternate Flow** | In Step 3, If credit not having login credentials or entered wrong login ID and passwordSystem should response with error message as " User doesn't exists or wrong login ID and password ".In Step 4, If the credit team click on approve without selecting loan application.System should response with error message as " Loan application not selected". |
| **Pre- Conditions** | Credit team should have login credentials.Credit team should have their access role in the system.Loan should be sanctioned and legal and technical verification should be completed |
| **Post-Conditions** | Credit team should able to view and verify the loan for Disbursement |
| **Assumptions** | Credit team know about the system |
| **Constraints** | System should get auto logout if system is not in use for 10mins |
| **Dependencies** | Internet connections |
| **Inputs And Outputs** | Input : Loan ApplicationOutput : Loan Disbursed |
| **Business Rules** | NA |
| **Miscellaneous Information** | NA |

**Use Case 4:**

|  |  |
| --- | --- |
| **Use Case Name** | Client Onboarding |
| **Use Case Description** | Customer or sales Team need to login into the system to upload all the KYC and income documents to complete onboarding. |
| **Actors Primary Actors Secondary Actors** | Customer, Sales and Admin |
| **Basic Flow** | Step 1: Customer/Sales visit i-lens Web pageStep 2: Customer/Sales Enters the login ID and passwordStep 3: Customer/Sales Clicks on login button to login into the applicationStep 4: Customer/Sales team will view the loan application and Upload all the KYC and income documentsStep 5: Customer/Sales Click on submit the onbarding. |
| **Alternate Flow** | In Step 4, If Customer/Sales not upload all the KYC and Income documents System should response with error message as " All Documents not uploaded in system ". |
| **Pre- Conditions** | Customer/Sales should have login credentials. |
| **Post-Conditions** | Customer/Sales should upload documents successfully. |
| **Assumptions** | Customer/Sales team know about the system |
| **Constraints** | Documents should be uploaded within 10MB size |
| **Dependencies** | Internet connections |
| **Inputs And Outputs** | Input : Upload DocumentsOutput : Loan Onboarding |
| **Business Rules** | NA |
| **Miscellaneous Information** | NA |

**Use Case 5:**

|  |  |
| --- | --- |
| **Use Case Name** | Client Onboarding |
| **Use Case Description** | Customer or sales Team need to login into the system to upload all the KYC and income documents to complete Onboarding. |
| **Actors Primary Actors Secondary Actors** | Customer, Sales and Admin |
| **Basic Flow** | Step 1: Customer/Sales visit i-lens Web pageStep 2: Customer/Sales Enters the login ID and passwordStep 3: Customer/Sales Clicks on login button to login into the applicationStep 4: Customer/Sales team will view the loan application and Upload all the KYC and income documentsStep 5: Customer/Sales Click on submit the onbarding. |
| **Alternate Flow** | In Step 4, If Customer/Sales not upload all the KYC and Income documents System should response with error message as " All Documents not uploaded in system ". |
| **Pre- Conditions** | Customer/Sales should have login credentials. |
| **Post-Conditions** | Customer/Sales should upload documents successfully. |
| **Assumptions** | Customer/Sales team know about the system |
| **Constraints** | Documents should be uploaded within 10MB size |
| **Dependencies** | Internet connections |
| **Inputs And Outputs** | Input : Upload DocumentsOutput : Loan Onboarding |
| **Business Rules** | NA |
| **Miscellaneous Information** | NA |

**Document 7- Screens and pages**

**Please follow the following steps to create the mock-ups**

1. **Login page :**



1. **Home Page :**



1. **Search page :**



**Legal Page :**



**Disbursement page:**



**Document 8- Tools-Visio and Axure**

**Write a paragraph on your experience using Visio and Axure for the project.**

Visio is a drawing program from Microsoft that has many uses like flow charts, Use case diagram and much more.

Main feature of using Visio is the ability to drag and drop the symbols as Visio has pre defined symbols for making the diagrams.

In this project Visio help me to create the use case and activity diagrams to represent the flow and functionality of the project without using any coding. And with the help of these diagrams it become easy to explain the flow to the development team to develop the project.

Axure is an prototyping and wire-framing tool which used to create an interactive prototypes for the project. Axure contains the pre defined diagram so that it allow us drag and drop the diagram to create and prototypes and its very useful to make some to understand the project.

In this project Axure helps me to create and interactive prototype to make demonstration to the development team and the client. Through this prototype it made me to explain the complex procedures also in an easier way.

**Document 9- BA experience**

**My experience as BA in following phases:**

**1.Requirement gathering:**

In Requirement gathering I have gathered the requirements using an elicitation technique such as interviews and Observation as it is an enhancement project most of the requirements are been gathered from the existing system and process.

Once all the requirement are gathered, I have validate the requirements to know any duplicate requirements are available or not. For Validation I use an technique FURPS ( Functionality, Usability, Reliability, Performance and Security).

During the requirement gathering phase, sometimes client will not be available for some period. So i have to source out point of contacts from his side and get the information ASAP from the next level contact of the client, who will be a backup in absent of his presence.

**2. Requirement Analysis:**

In Requirement analysis i have draw an UML diagrams to visually describe the requirements to make a clear vision of the project and it makes me to make understand the requirement in an easier way.

In other hand Activity diagrams also used to describe the process flow in an diagrammatic way.

Using the diagram i have explain and communicate the flow and steps to team. If Some team members might not agree with them and might make changes. I have consider the points and note down the changes and discuss with stakeholders and need perform necessary actions.

Post requirement analysis i have prepare documents like BRS and SRS, so that the requirements will be completed.

**3. Design:**

At the time of requirement analysis stage i have prepare the use case and activity diagrams from which i have prepare test cases for the project.

I have prepared the Test case both negative test cases as well along with positive test cases, so that i have analysis and monitor the behavior of the system. And while performing testing i have not miss even an single test case. Because it will have huge impact on project development in later stages. And it will affect the outcome of the project and project delivery time.

Once design and testing is done i will update the RTM frequently. So that i can have track of all the requirements.

**4.Development:**

In development Phase, i have to organized JAD sessions with the stakeholders and development team to make sure every one understand the need of the project development.

During the meetings some team members who doesn't agree with the concept or who doesn’t cooperate during JAD sessions. i have handle the situation gently and had one on one discussion with them. Explained how their actions are going to affect the project. which help me to Setup an healthy environment within the team.

**5. Testing:**

In Testing i have Prepared multiple test cases from the use case diagram. Based on the test case i have performed the testing and recorded and observed the activities of the system. Once the testing is completed i have updated the RTM. So that the requirement can be tracked and monitored. Once the testing is completed i have taken signoff from client for the testing completion procedure.

**6. Deployment:**

Final stage of the project is deployment of the project in an live environment. To process deployment i have circulate the updated or completed RTM to client along with the project closure document and i have taken signoff from the client over the mail and processed for the deployment in live environment. And i have Coordinates between teams to complete and share end user manuals so that the client will understand how to use the project and it will provide the basic functionality of the project. And I have also planned and organizes an training sessions with the client and stakeholders and Made all the candidates to attend the meeting by gathering all the members available time and sending remainders for the meeting.