Darshan University

A Project Report on

"**Loan Management System**"

Under the subject

Software Engineering (2301CS405)

B. Tech, Semester – IV

Computer Science & Engineering Department

Submitted By

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Academic Year

(2024-2025)

Internal Guide	Dean-DIET
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DECLARATION

We hereby declare that the SRS, submitted along with the **Software Engineering (2301CS405)** for entitled **"Loan Management System"** submitted in partial fulfilment for the Semester-4 of **Bachelor Technology (B. Tech)** in **Computer Science and Engineering (CSE)** Department to Darshan University, Rajkot, is a record of the work carried out at **Darshan University, Rajkot** under the supervision of **R. B. Gondaliya** and that no part of any of report has been directly copied from any students' reports, without providing due reference.

(Riya Bhimani)

Student's Signature

Date: _____

Computer Science & Engineering Department
Darshan University

CERTIFICATE

This is to certify that the SRS on **"Loan Management System" has** been satisfactorily prepared by **Riya Bhimani** (**23010101030**) under my guidance in the fulfillment of the course **Software Engineering (2301CS405)** work during the academic year 2024-2025.

Internal Guide   Dean-DIET
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Darshan University   Darshan University

ACKNOWLEDGEMENT

I wish to express my sincere gratitude to my project guide Prof. R. B. Gondaliya and all the faculty members for helping me through my project by giving me the necessary suggestions and advices along with their valuable co-ordination in completing this work.

I also thank my parents, friends and all the members of the family for their precious support and encouragement which they had provided in completion of my work. In addition to that, I would also like to mention the Darshan University personals who gave me the permission to use and experience the valuable resources required for the project from the University premises.

Thus, in conclusion to the above said, I once again thank the faculties and members of **Darshan University** for their valuable support in completion of the project.

Thanking You

Riya Bhimani

ABSTRACT

The Loan Management System is a software tool designed to make the process of managing loans easier and faster for financial institutions and borrowers. It helps automate tasks like applying for loans, approving applications, distributing funds, tracking repayments, and generating reports. By replacing manual processes with digital ones, the LMS reduces errors, saves time, and ensures a smoother experience for both lenders and borrowers.

The system includes useful features such as managing user accounts, checking credit eligibility, calculating interest, setting payment schedules, and sending reminders for payments. It also supports integration with external systems like payment gateways and credit bureaus for a seamless workflow. With a simple and user-friendly design, the LMS makes it easy for staff and customers to use while providing tools to analyze loan data and make better financial decisions.

Security and compliance are key parts of the Loan Management System. It protects sensitive financial data with strong encryption and access controls. The system also follows industry regulations to ensure it meets legal requirements. This Software Requirements Specification (SRS) document provides a detailed outline of the system's goals, features, and technical needs, acting as a guide for developers and stakeholders to build a reliable and efficient loan management solution.

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1 Introduction

1. Product perspective

The Loan Management System (LMS) automates and streamlines the entire loan lifecycle, from application and approval to disbursement and repayment tracking, providing a user-friendly interface for both customers and administrators, ensuring efficient loan processing, monitoring, and reporting.

2. Product features

1. Loan Application & Processing:
- Online loan application submission and tracking.
- Dynamic eligibility criteria evaluation
- Document upload and verification integration
- Automated loan approval and rejection process
- Instant loan calculation based on interest rates and terms
- Application status notifications (approved, pending, rejected)
- Multi-language and multi-currency support

2. Customer Management:
- Secure user registration and login
- Personalized customer dashboards
- Customer profile management (contact info, loan history)
- Credit score integration for risk assessment
- Automated reminders for loan repayments
- 24/7 customer support chat integration
- Ability to view loan repayment schedules and amounts

3. Loan Management & Monitoring:
- Real-time loan status and progress tracking
- Dynamic loan restructuring options (refinancing, rescheduling)
- Interest rate adjustment tools based on market conditions
- Loan status alerts for late payments or upcoming dues
- Automated reporting and analytics for loan performance
- Monitoring of outstanding loans and potential defaults
- Customizable loan terms and repayment plans

3. Functional Requirement

1. Customer
- Register: Allows customers to create a new account with personal and contact details.
- Login: Enables customers to access their accounts using credentials.
- Update Profile: Allows customers to modify their personal and contact information.
- View Loan Details: Displays information about the customer's active and past loans.
- Loan Disbursement: Shows the status and details of the loan amount credited to the customer's account.
- Notification and Alerts: Sends updates and reminders about loan status, payments, and offers to customers.
- Loan History: Provides a summary of the customer's previous and current loan transactions.
- Customer Support: Allows customers to contact support for assistance with loan-related queries.
- Calculate Loan: Enables customers to calculate loan amounts, interest, and repayment schedules.

- Feedback: Allows customers to provide feedback on loan services and their experience.
- Customer Care: Provides a platform for customers to access assistance, resolve issues, and inquire about loan services.
- Data Security: Ensures protection of customer information and loan data through encryption and secure protocols.
- Make Payments: Allows customers to pay their loan installments via various payment methods.
- Receive Expiry Notification: Notifies customers about upcoming loan or account expiry dates for timely action.
- Submit Reviews: Enables customers to submit reviews and ratings for the loan services provided.
- Secure Logout: Ensures customers can securely log out of their accounts to protect personal information.

2. Manager

- Login: Enables managers to access the admin panel using secure credentials.
- View Customer Application: Allows managers to view and review customer loan applications and details.
- Review Loan Application: Enables managers to assess and approve or reject customer loan applications.
- Approve Loan Application: Allows managers to approve customer loan applications based on eligibility and criteria.
- Reject Loan Application: Enables managers to reject customer loan applications based on eligibility or policy violations.
- Customer Relationship Management: Facilitates managers in managing customer interactions, resolving issues, and improving satisfaction.
- Send Payment Reminders: Allows managers to send automated or manual reminders to customers about upcoming loan payments.
- Review Customer Report: Enables managers to access and analyse detailed reports on customer loan histories and statuses.
- Add Loan: Allows managers to manually add new loan details for customers into the system.
- Update Loan: Enables managers to modify or update the details of existing customer loans.
- Monitor Active Loans: Allows managers to track and oversee the status of all ongoing loans in the system.
- Team Management: Enables managers to oversee and manage the performance and tasks of team members.
- Reporting and Analysis: Allows managers to generate and analyze reports on loan performance, customer data, and financial trends.
- Penalty Calculation: Enables managers to calculate penalties for late loan payments based on predefined rules.
- Train Team Members: Allows managers to provide training resources and guidance to team members for better performance.
- Customer Support: Enables managers to oversee and respond to customer support requests and issues.
- Implement New Loans: Allows managers to introduce and configure new loan products and terms within the system.
- Update Loan Status: Enables managers to change the status of a loan, such as approved, disbursed, or closed.
- Collaborate With Admin: Allows managers to work with the admin team on system updates, policies, and operational issues.
- Logout: Allows managers to securely log out of the admin panel to protect sensitive information.

3. Admin

- Login: Enables admins to access the system using secure credentials.

- User Management: Allows admins to manage customer and staff accounts, including creating, updating, or deleting users.
- Loan Product Management: Enables admins to configure, update, and manage loan products and their terms.
- Reporting And Analytics: Provides admins with detailed reports and analytics on loan performance, customer activity, and financial trends.
- System Integration: Allows admins to integrate the loan management system with third-party applications and services.
- View All Loans: Allows admins to view a comprehensive list of all loans across the system.
- Monitor Daily Customer Activity: Enables admins to track and review daily customer interactions and loan activities.
- Update Policies: Allows admins to modify and update loan policies and terms within the system.
- Generate System Reports: Enables admins to generate detailed system-wide reports on performance, user activity, and financial data.
- Data Backup and Recovery: Allows admins to perform regular data backups and restore information in case of system failure.
- Workflow Management: Enables admins to define, monitor, and optimize processes and workflows within the loan management system.
- Feedback and Updates: Allows admins to gather feedback and implement system updates based on user suggestions and performance analysis.
- Maintenance and Updates: Enables admins to perform regular maintenance and apply software updates to ensure system stability and security.

4. Non-Functional Requirement

1. Usability:
- The UI should be simple enough for everyone to understand and get the relevant information without any special training. Different languages can be provided based on the requirements.

2. Accuracy:
- The data stored about the books and the fines calculated should be correct, consistent, and reliable.

3. Availability:
- The System should be available for the duration when the library operates and must be recovered within an hour or less if it fails. The system should respond to the requests within two seconds or less.

4. Maintainability:
- The software should be easily maintainable and adding new features and making changes to the software must be as simple as possible. In addition to this, the software must also be portable.

2 Design and Implementation Constraint

a. Use case diagram
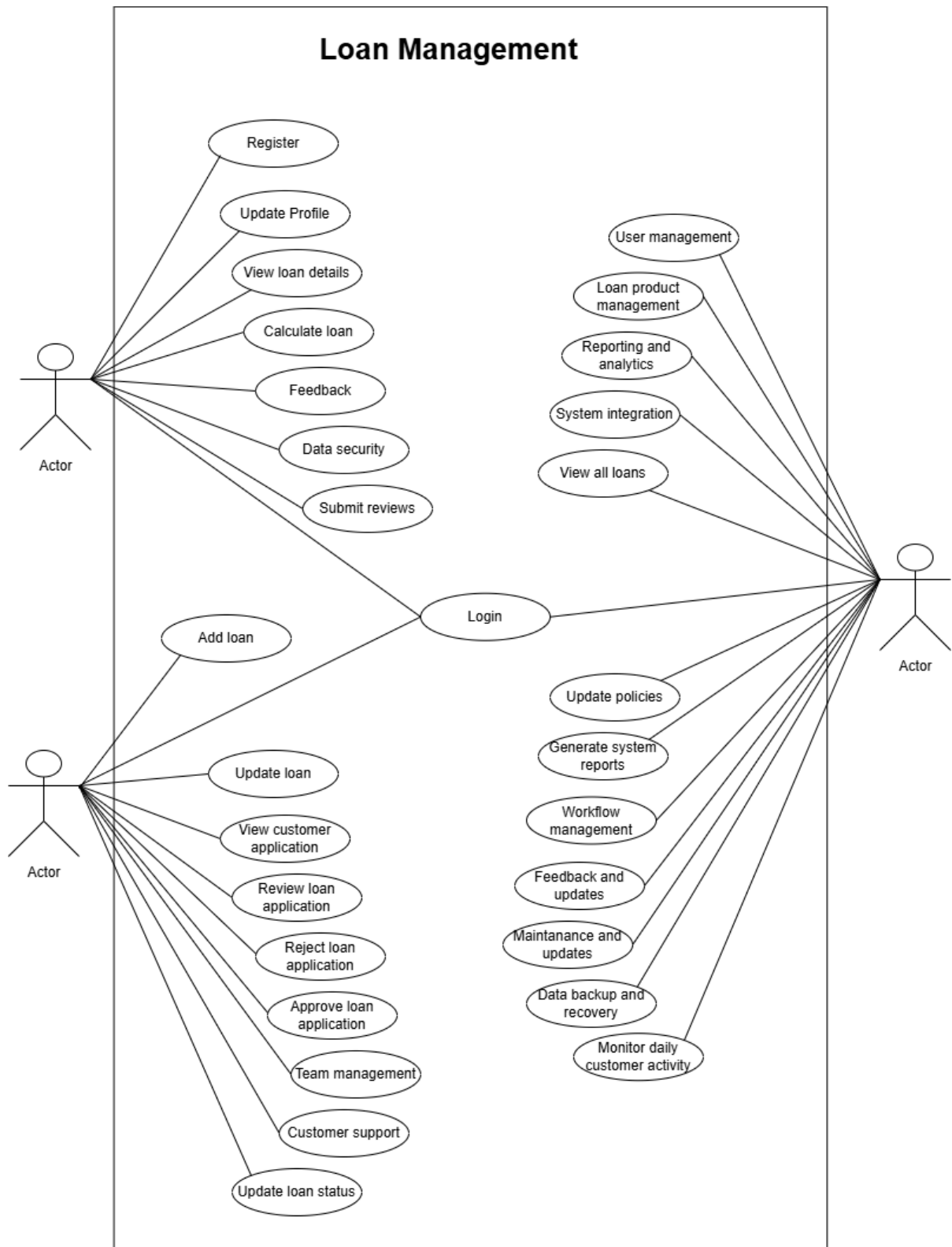
Figure 2.1-1 Use case diagram for loan management system

b. Activity diagram and Swimlane diagram
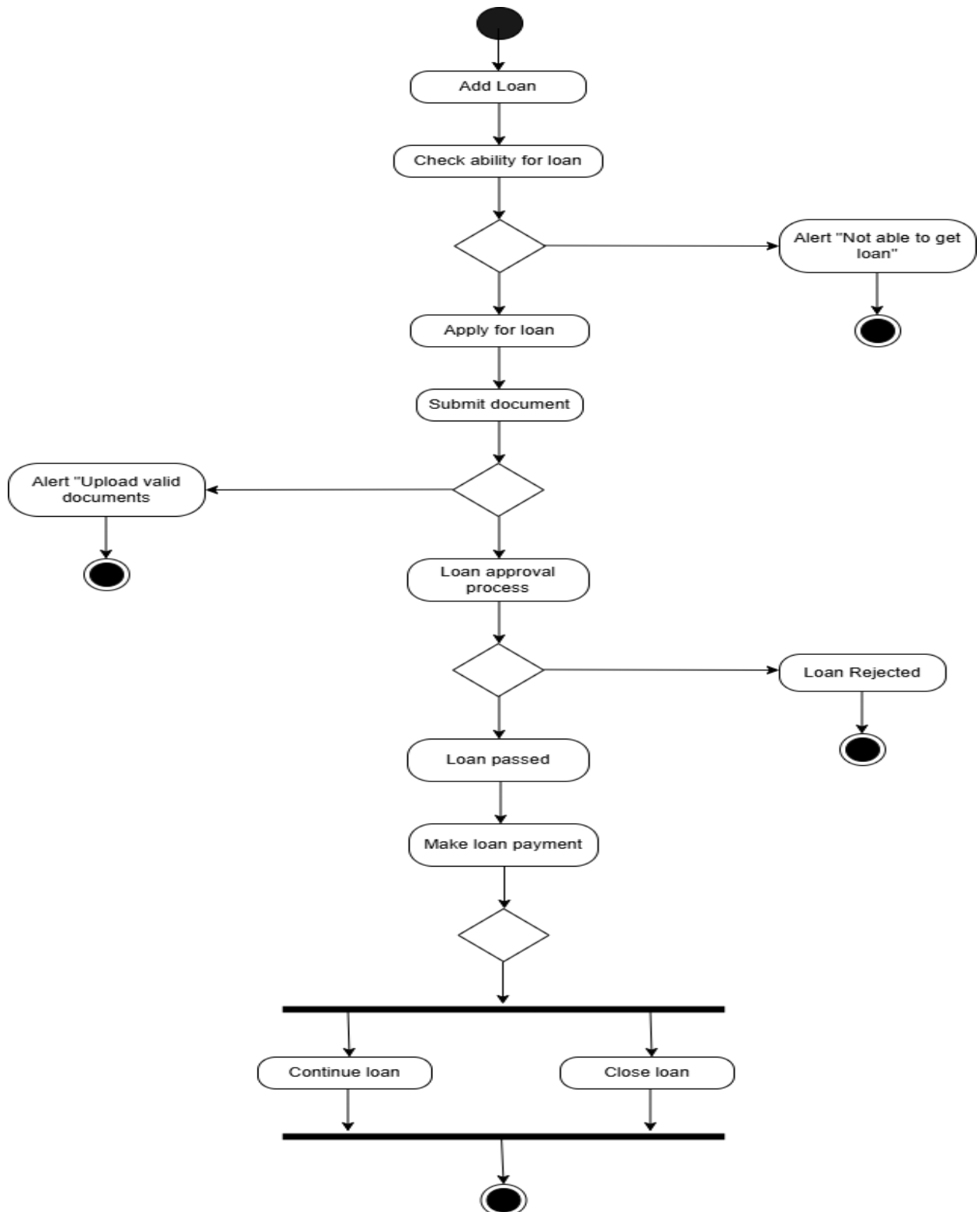
Figure 2.2-1 Activity diagram for add loan
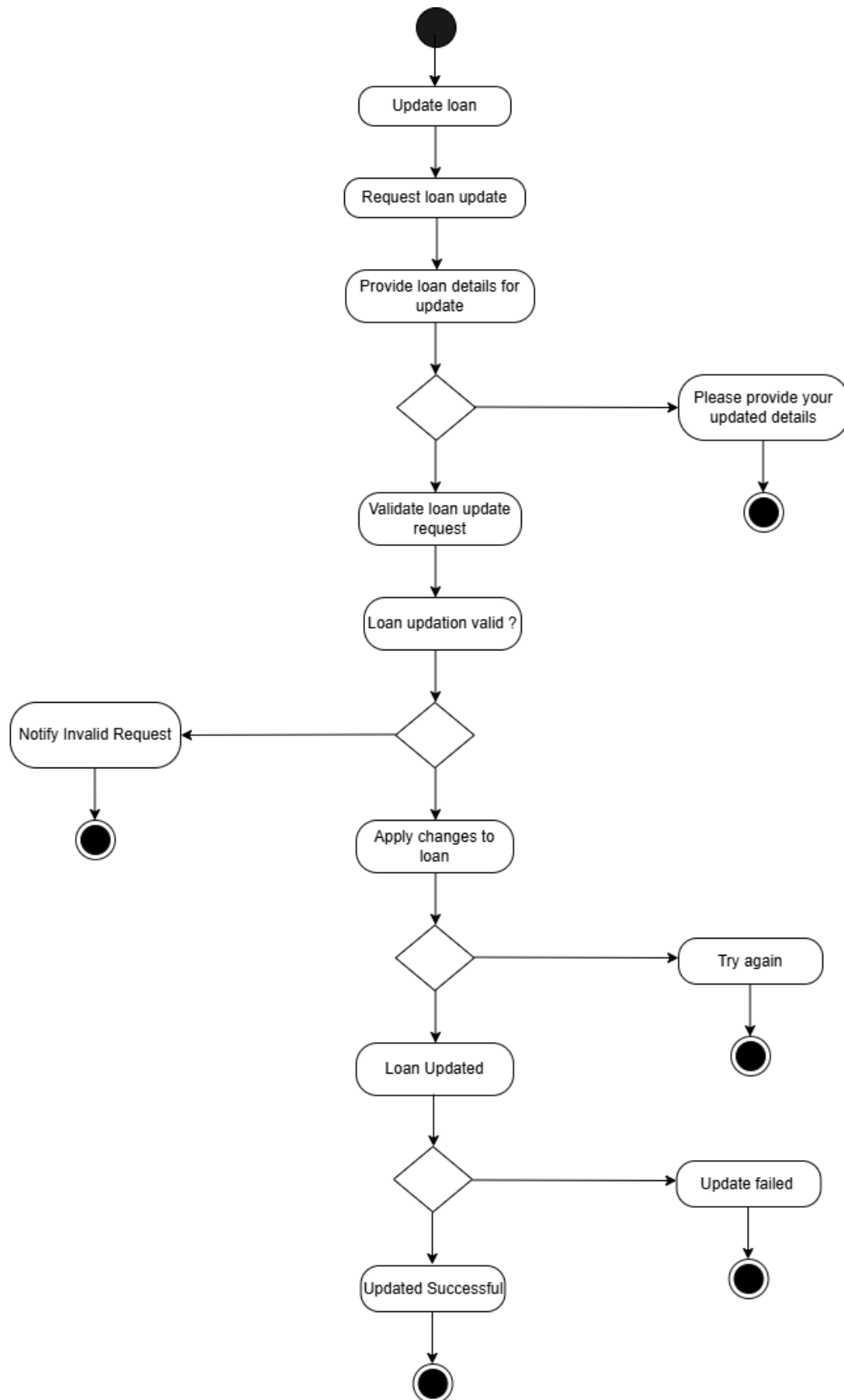
Figure 2.2-2 Activity diagram for update loan
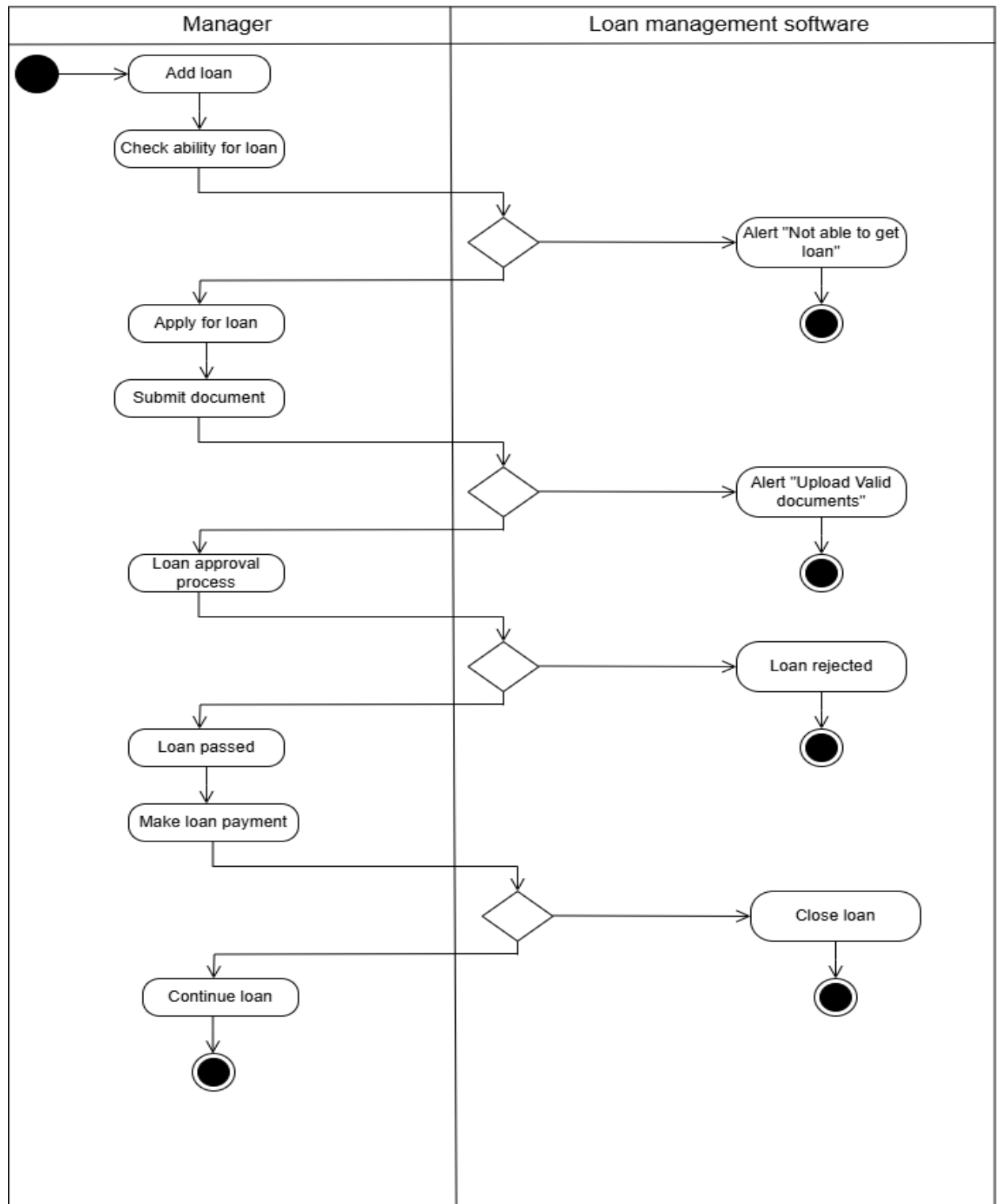
Figure 2.2-3 Swimlane diagram for add loan
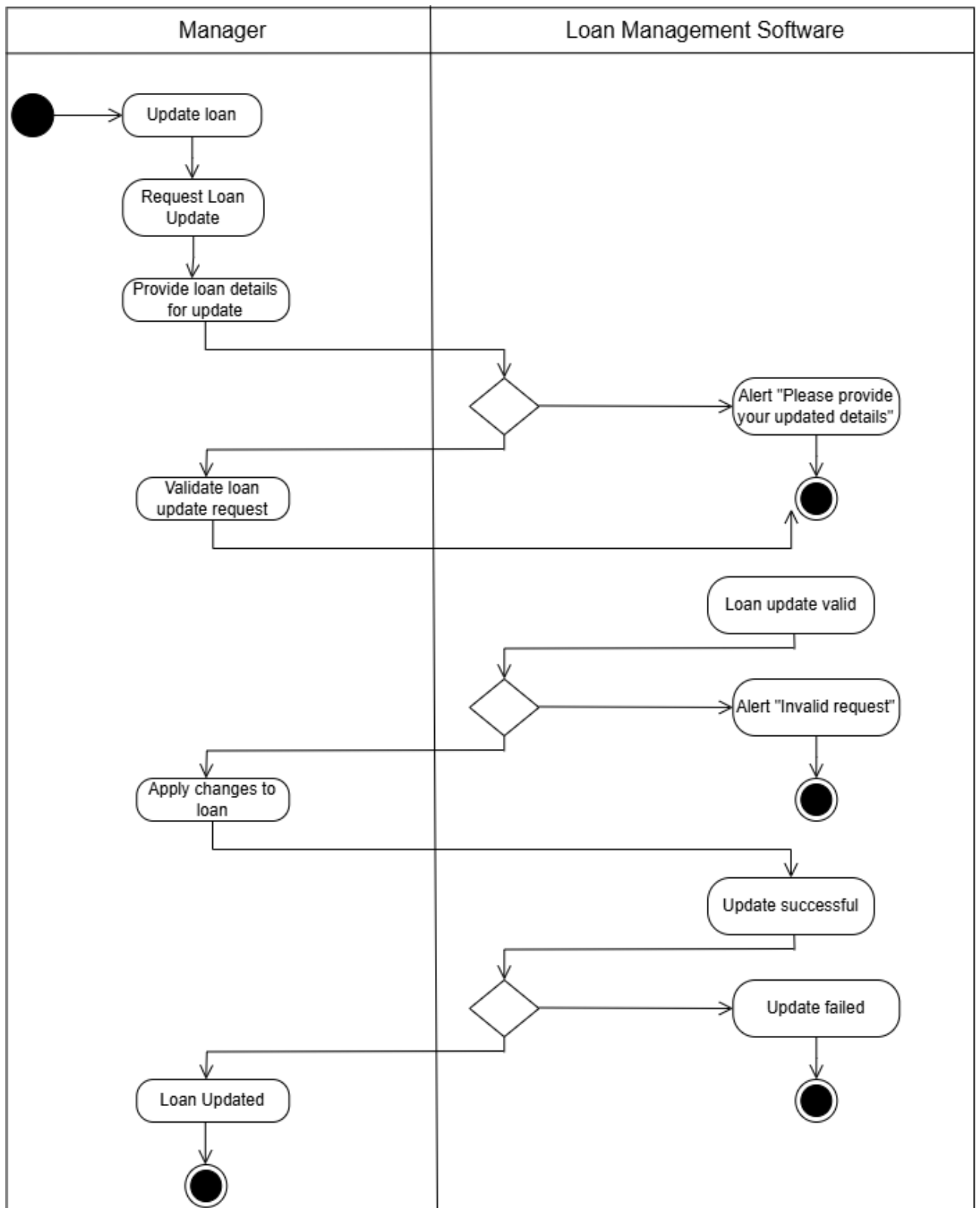
Figure 2.2-4 Swimlane diagram for update loan

c. Sequence diagram
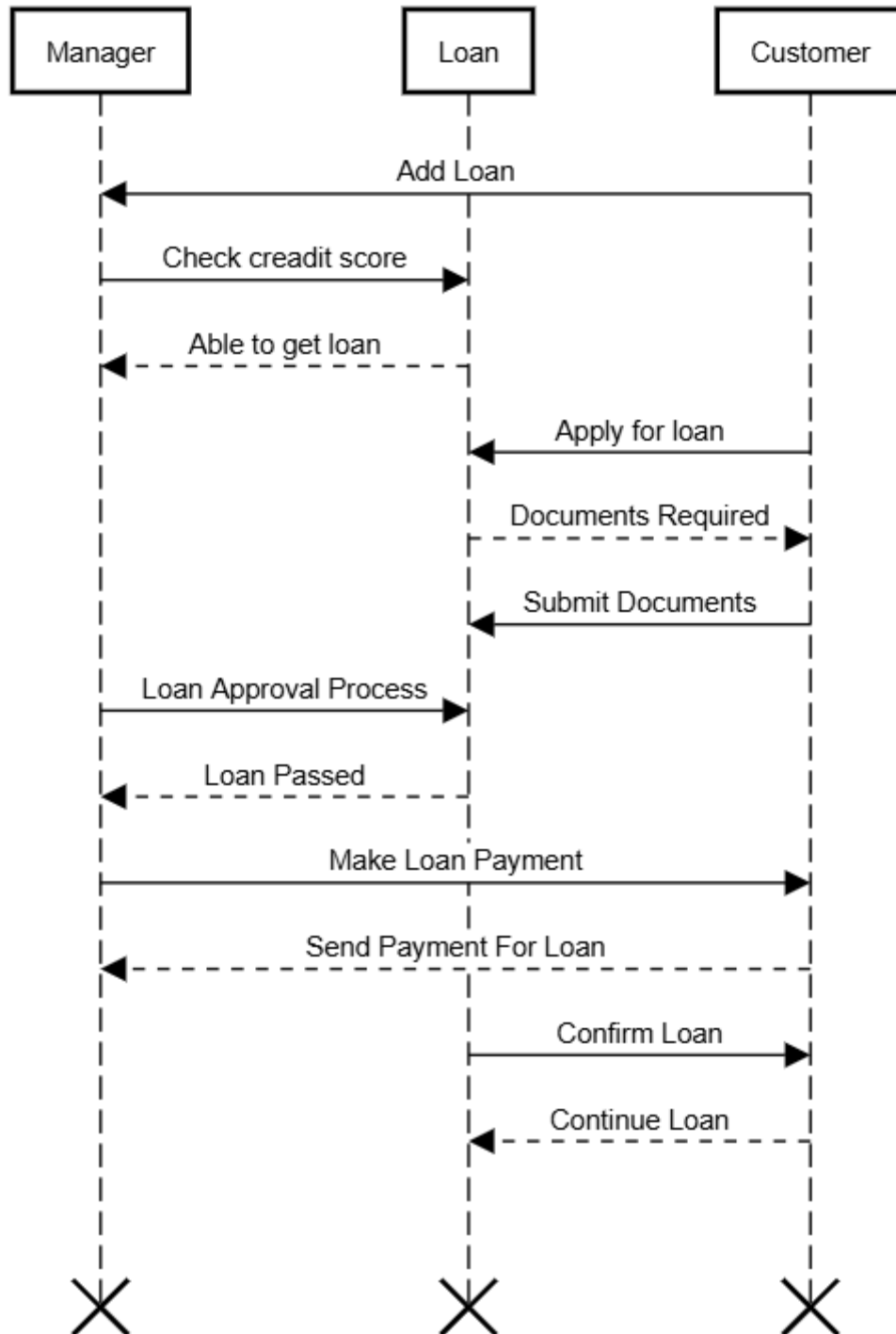
Figure 2.3-1 Sequence diagram for Add Loan
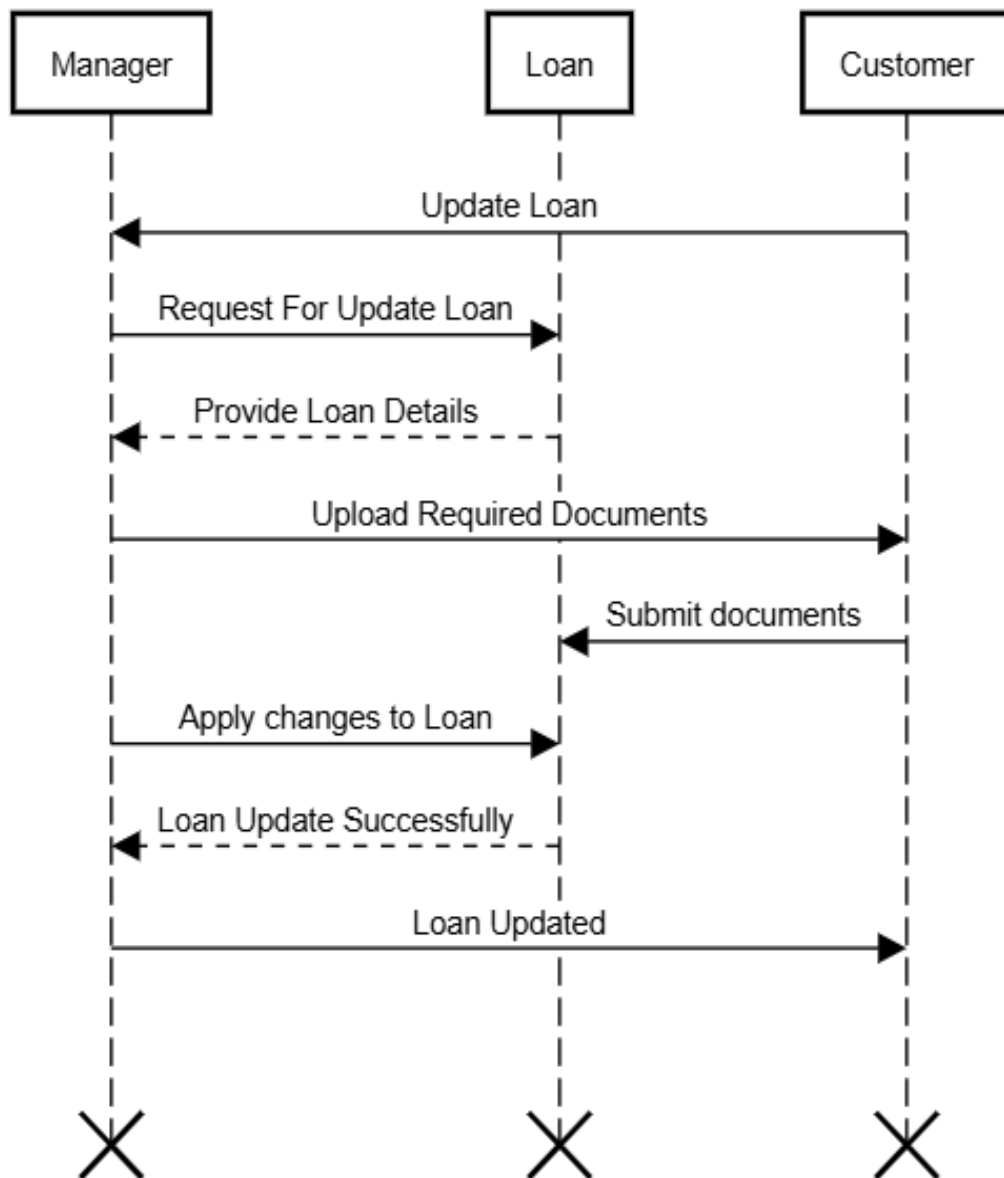
Figure c-2 Sequence diagram for Update Loan

d. State diagram
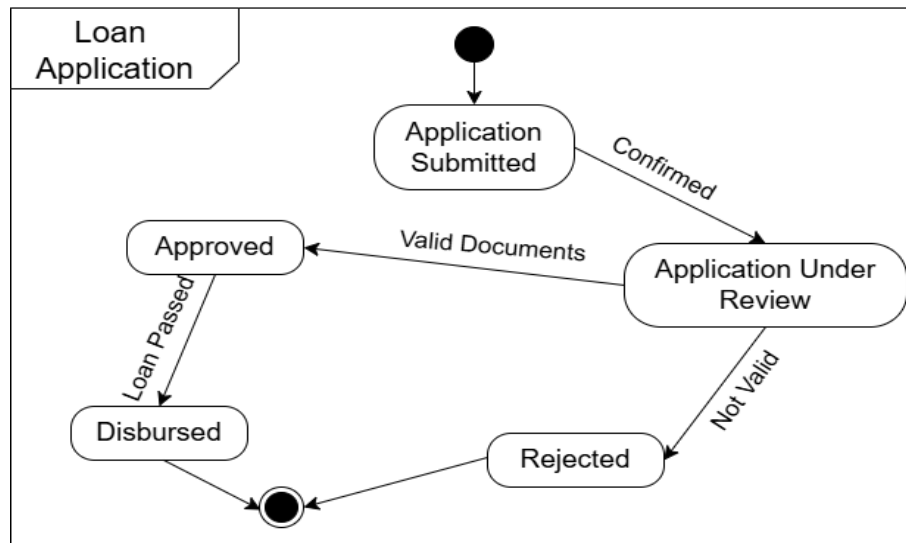
Figure 2.4-1 State diagram-1 of Loan
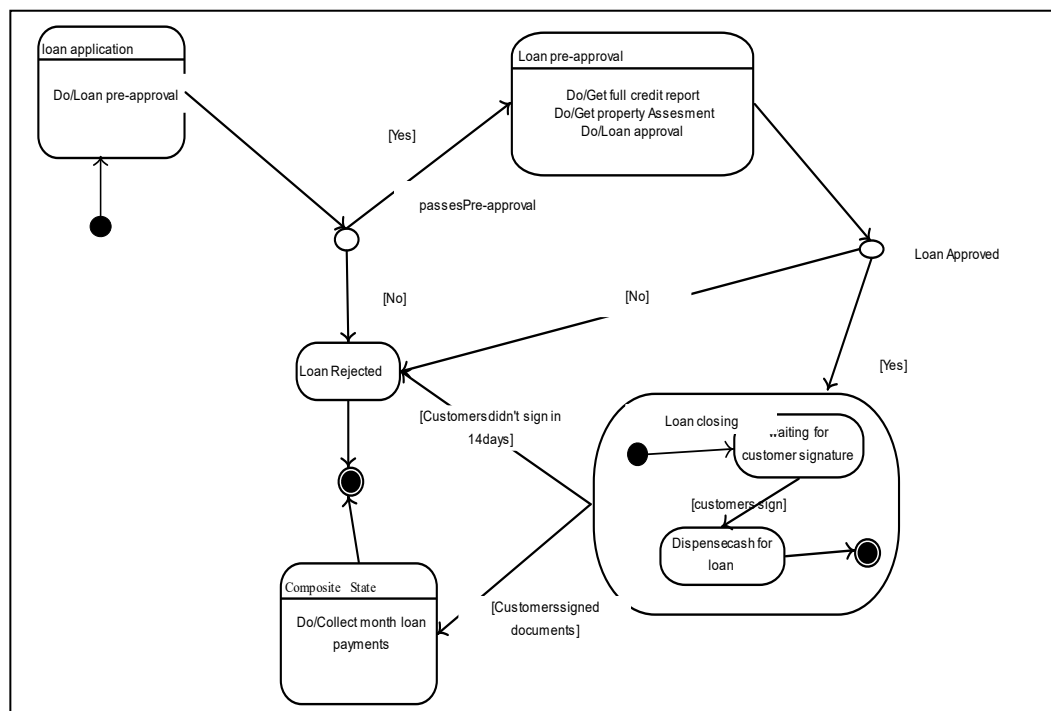
Figure 2.4-2 State diagram-2 of Loan

e. Class diagram
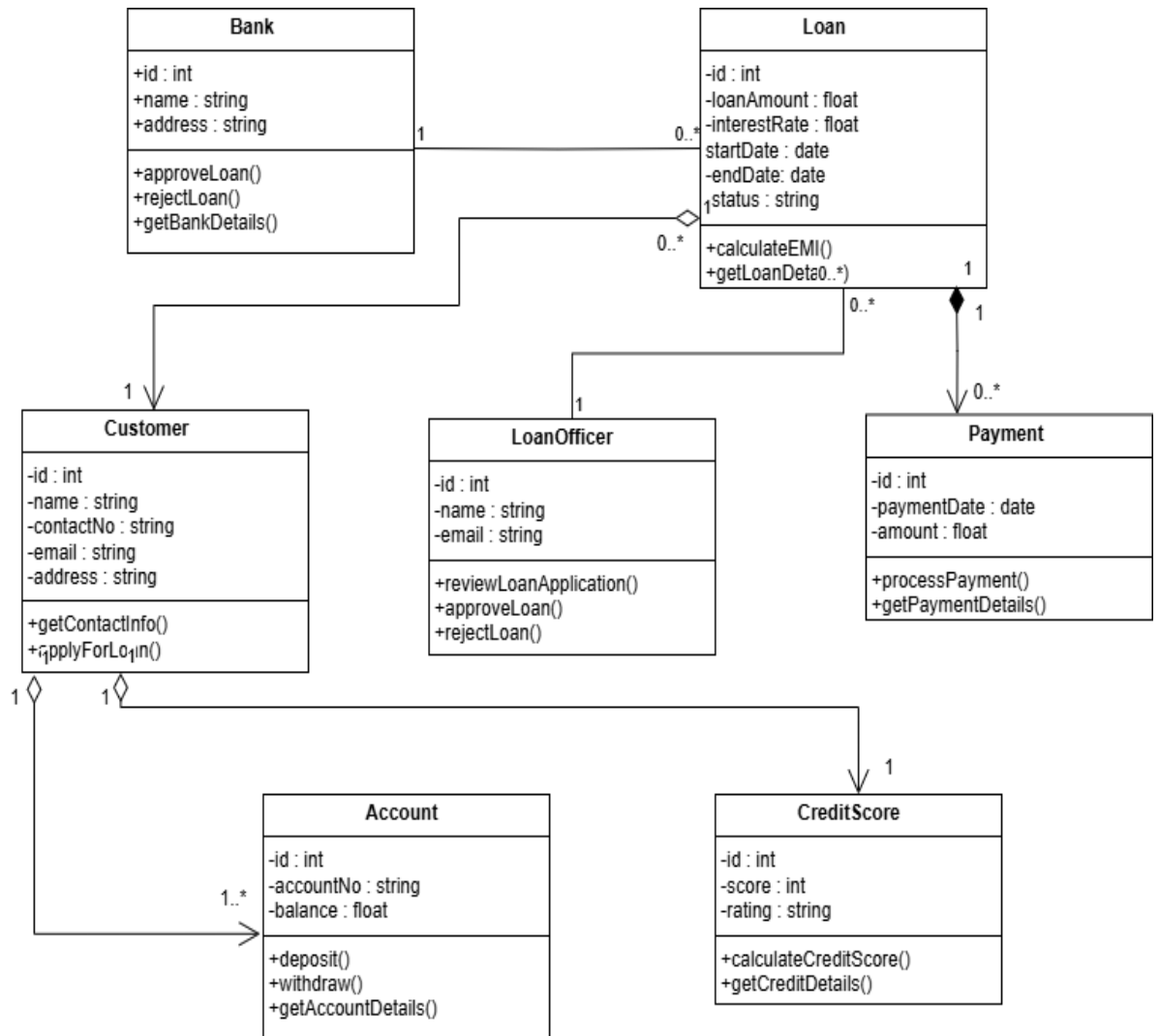
Figure 2.5-1 Class diagram for Loan management system

f. Data flow diagram

i. Context diagram (level-0)
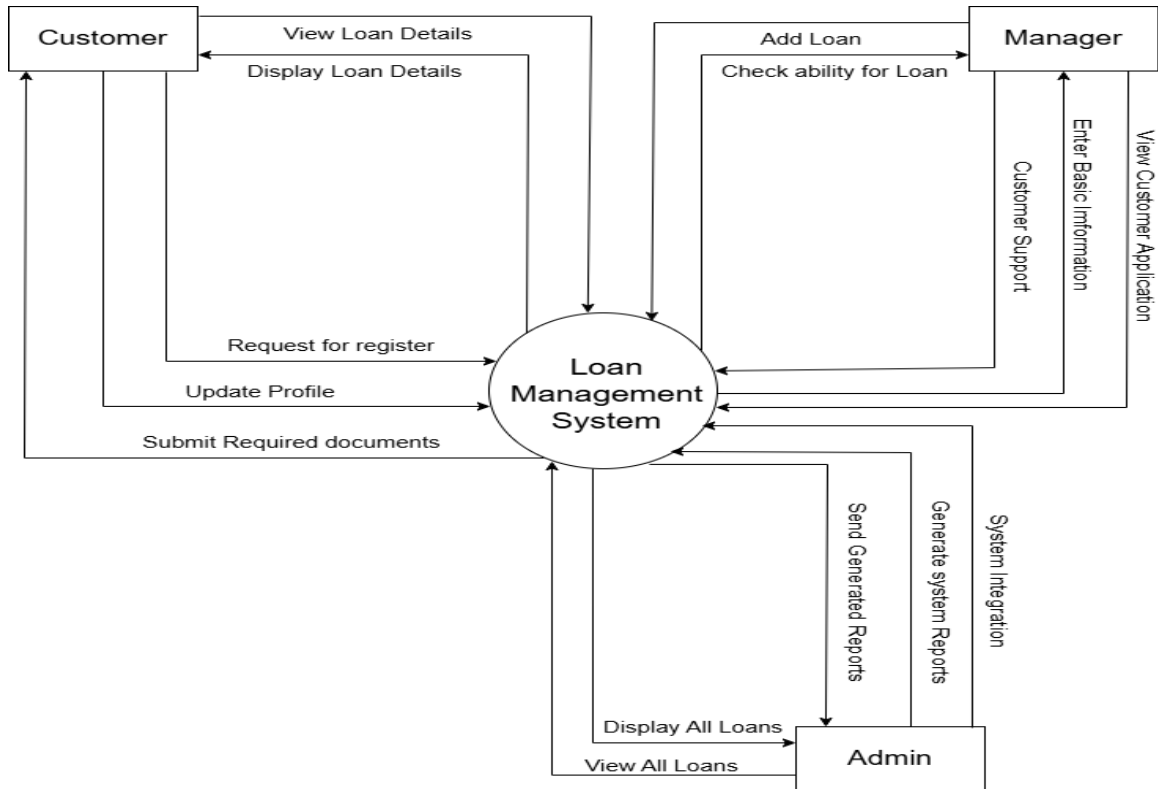
Figure 2.6-1 Context diagram for Library management system

ii. DFD Level-1
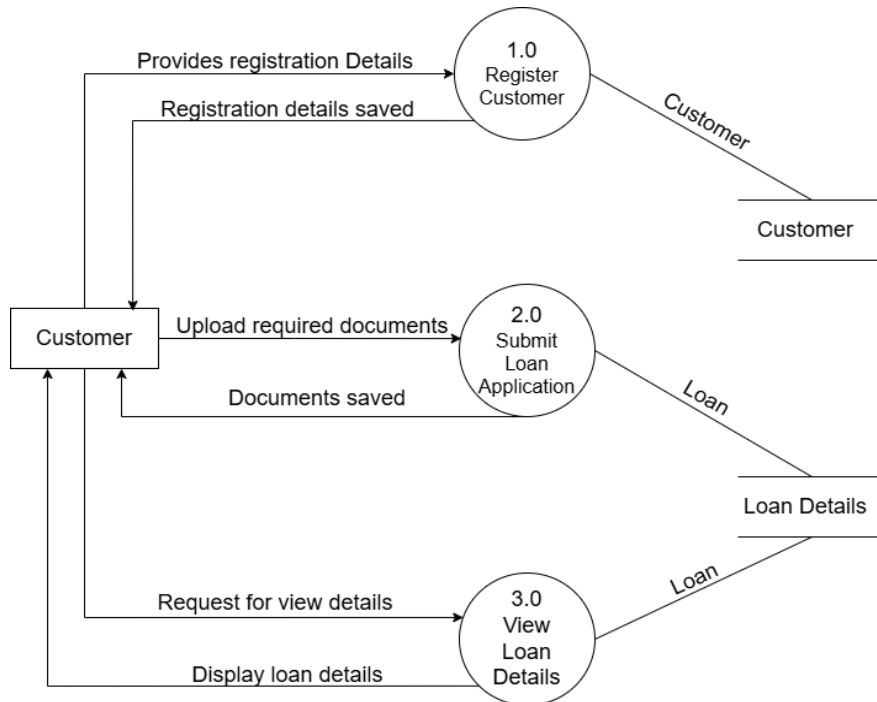
Figure 2.6-2 DFD level-1 for Library management system

3 External interface requirement (Screens)

a. Screen-1: Update Profile

Figure 3.1- 1 Screen For Update Profile

Purpose: This form will allows customers to modify their personal and contact information.

Table a-1 Screen element of Update Profile Form

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Full Name	Textbox	M	1	Full name field should be editable and accept the Full name.
2	Email	Textbox	M	1	Email field should be editable and accept the email with proper format.
3	Phone	Textbox	M	N	Phone field should be editable and accept only 10-digit mobile number.
4	Account No.	Textbox	M	1	Account Number field should be editable and accept valid bank account numbers in the appropriate format as per the bank's standards.
5	Address	Textarea	M	1	Address field should be editable and accept a valid residential or mailing address in the correct format, including necessary components such as street, city, state, and postal code.
6	Update Profile	Button	------	------	Update Profile button should be clickable and trigger the process of saving and applying any changes made to the user's profile information.

b. Screen-2: Submit Review

Figure 3.2- 1 Submit Review Form

Purpose: This form will be used by the system's users to provide feedback on their loan experience, helping improve services and inform future borrowers.

Table b-1 Screen element of Submit Review form

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Account No.	Textbox	M	1	Account Number field should be editable and accept valid bank account numbers in the appropriate format as per the bank's standards.
2	Full Name	Textbox	M	1	Full name field should be editable and accept the Full name.
3	Rating	Textbox	M	1	Rating field should be editable and accept a value between 1 and 5.
4	Review	Textarea	M	1	Review field should be editable and accept textual feedback.
5	Submit Reviews	Button	------	------	Submit Reviews button should be clickable and trigger the submission of the entered review, saving the feedback provided by the user.

c. Screen-3: View Customer Application

Figure 3.3- 1 View Customer Application Form

Purpose: This module will allows managers to access and review loan applications for assessment, approval, and decision-making purposes.

Table c-1 Screen element of View Customer Application Form

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Full Name	Textbox	M	1	Full name field should be editable and accept the Full name.
2	Email	Textbox	M	1	Email field should be editable and accept the email with proper format.
3	Phone	Textbox	M	N	Phone field should be editable and accept only 10-digit mobile number.
4	Address	Textarea	M	1	Address field should be editable and accept a valid residential or mailing address in the correct format, including necessary components such as street, city, state, and postal code.
5	Loan Amount	Textbox	M	1	Loan Amount field should be editable and accept a valid monetary value within the allowed range.
6	Loan Purpose	Textbox	M	1	Loan Purpose field should be editable and accept a valid description of the reason for the loan.
7	Approve	Button	------	------	Approve button should be clickable and trigger the approval process for a request or application.
8	Reject	Button	------	------	Reject button should be clickable and trigger the rejection process for a request or application.

d. Screen-4: Collaborate with Admin

Figure 3.4-1 Collaborate with Admin Form

Purpose: This form will be used by the managers to communicate and coordinate with the admin for support, issue resolution, and system-related tasks.

Table 3.4-1 Screen element of Collaborate with Admin form

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Topic	Dropdown	M	1	Topic field should be editable and accept a valid description or category, allowing users to specify the subject matter, such as system updates, inquiries, or issues, clearly.
2	Message	Textbox	M	1	Message field should be editable and accept a valid text input, allowing managers to provide detailed information or inquiries within the specified character limit.
3	Submit	Button	------	------	Submit button should be clickable and trigger the submission of the form or data, ensuring all required fields are completed before processing.
4	Clear	Button	------	------	The Clear button should be clickable and reset all fields to their default state, allowing users to easily remove any entered data.

e. Screen-5: Maintenance and Updates
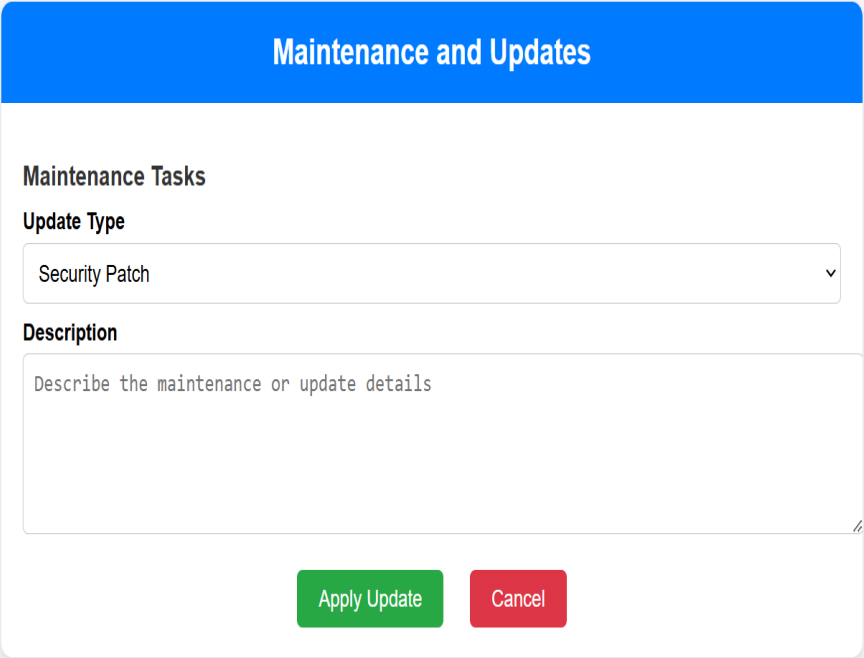
Figure 3.5-1 Maintenance and Updates Form

Purpose: This form will allows admins to manage system updates, perform regular maintenance, and ensure the smooth operation of the loan management system.

Table 3.5-1 Screen element of Maintenance and Updates form

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Update Type	Dropdown	M	1	Update Type field should be editable and accept a valid description, allowing admins to specify the type of update, such as security patch, system upgrade, or feature enhancement.
2	Description	Textarea	M	1	Description field should be editable and accept a valid text input, allowing admins to provide a clear and detailed explanation or information about the update.
3	Apply Update	Button	------	------	Apply Update button should be clickable and trigger the process of applying the selected update to the system, ensuring all changes are implemented.
4	Cancel	Button	------	------	Cancel button should be clickable and allow admins to abort the current action or process, discarding any changes or inputs made.

4. Database design

f. List of Tables

- Customer
- Loan
- Account
- LoanOfficer
- Bank

Table f-1 Table: Customer

Column	Data Type	Null	Keys & Constrains	Default Value & Description
ID	int	NN	PK (Auto Increment)	
CustomerName	varchar(100)	NN		
Address	varchar(500)	AN		
Email	varchar(100)	NN		
Contact No.	varchar(100)	NN		
Age	int	AN		
Birthdate	datetime	NN		

Table f-2 Table: Loan

Column	Data Type	Null	Keys & Constrains	Default Value & Description
LoanID	int	NN	PK (Auto Increment)	
OwnerName	varchar(100)	NN		
Type	Varchar(100)	NN		
StartDate	DateTime	NN		
EndDate	DateTime	NN		
LoanAmount	Decimal(10,2)	NN		
Interest	Decimal(10,2)	NN		
Status	varchar(100)	NN		
CustomerID	Int	NN	FK	Reference of Customer table
BankID	int	NN	FK	Reference of Bank table

Table f-3 Table: Bank

Column	Data Type	Null	Keys & Constrains	Default Value & Description
BankID	int	NN	PK (Auto Increment)	
BankName	varchar(100)	NN		
Address	varchar(500)	NN		
Branch	varchar(100)	NN		
IFSCode	varchar(50)	NN		

Table f-4 Table: Account

Column	Data Type	Null	Keys & Constrains	Default Value & Description
AccountID	int	NN	PK (Auto Increment)	
BankID	int	NN	FK	Reference of Bank table
CustomerID	int	NN	FK	Reference of Customer table
AccountNo	varchar(100)	NN		
OwnerName	varchar(100)	NN		
Type	Varchar(100)	NN		
Balance	Decimal(20,2)	NN		

Table 4.1- 5 Table: LoanOfficer

Column	Data Type	Null	Keys & Constrains	Default Value & Description
LoanOfficerID	int	NN	PK (Auto Increment)	
LoanOfficerName	Varchar(100)	NN		
Email	Varchar(100)	NN		
MobileNo	varchar(100)	NN		
Age	int	AN		

4 Stories and Scenario

a. Story-1: Add New Loan to Loan Management System

Story # *S1*	:	**As a** Manager, **I want to** add a new loan record in the loan management system, **So that** the loan details are accurately recorded and managed.
Priority	:	High
Estimate	:	XL
Reason	:	Adding new loans is crucial for maintaining accurate records and ensuring the loan management system functions correctly.

i. Scenario# S1.1

Scenario# *S1.1*	:	Adding a New Loan with Valid Information
Prerequisite	:	The Manager is logged into the loan management system.
Acceptance Criteria	:	**Given:** The Manager is on the loan creation page with valid customer and loan details. **When:** The Manager selects the "Add New Loan" option, enters valid loan information, and clicks the "Save" button. **Then:** The system successfully adds the loan record, assigns a unique loan ID, and the Manager receives a confirmation message.

ii. Scenario# S1.2

Scenario# *S1.2*	:	Adding a New Loan with Invalid Information.
Prerequisite	:	The Manager is logged into the loan management system.
Acceptance Criteria	:	**Given:** The Manager is on the loan creation page. **When:** The Manager selects the "Add New Loan" option, enters invalid loan details (e.g., incorrect loan amount or invalid customer ID), and clicks the "Save" button. **Then:** The system displays an error message indicating the invalid information, and the loan is not added to the system.

b. Story-2: Approve Loan Application to Loan Management System

Story # *S2*	:	**As a** Manager, **I want to** I want to approve a loan application in the loan management system, **So that** I the loan applications are reviewed and processed accurately.
Priority	:	High
Estimate	:	XL
Reason	:	Approving loan applications is crucial for ensuring valid loans are processed efficiently and the loan management system functions correctly.

i. Scenario# S2.1

Scenario# *S1.1*	:	Approving a Loan Application with Valid Information.
Prerequisite	:	The Manager is logged into the loan management system.
Acceptance Criteria	:	**Given:** The Manager is on the loan approval page with valid customer and loan application details. **When:** The Manager selects the "Approve Loan Application" option, reviews the details, and clicks the "Approve" button. **Then:** The system successfully approves the loan, updates the application status, and the Manager receives a confirmation message.

ii. Scenario# S2.2

Scenario# *S1.1*	:	Approving a Loan Application with Invalid Information.
Prerequisite	:	The Manager is logged into the loan management system.
Acceptance Criteria	:	**Given:** The Manager is on the loan approval page. **When:** The Manager selects the "Approve Loan Application" option, reviews the details, and finds errors (e.g., missing documents or incorrect loan amount), then clicks the "Approve" button. **Then:** The system displays an error message indicating the invalid information, and the loan application is not approved.

c. Story-3: View all Loans of Loan Management System

Story # *S3*	:	**As a** Admin, **I want to** view all loans in the loan management system**,** **So that** I can ensure that books are returned on time and avoid overdue fines.
Priority	:	High
Estimate	:	XL
Reason	:	Viewing all loans is essential for managing records, ensuring transparency, and making informed decisions.

i. Scenario# S3.1

Scenario# *S1.1*	:	Viewing All Loans with Available Data
Prerequisite	:	The Admin is logged into the loan management system.
Acceptance Criteria	:	**Given:** The Admin is on the loan records page with existing loan data. **When:** The system displays a list of all loans, including customer details, loan amounts, statuses, and due dates. **Then:** The system displays a list of all loans, including customer details, loan amounts, statuses, and due dates.

ii. Scenario# S3.2

Scenario# *S1.1*	:	Viewing All Loans with No Available Data
Prerequisite	:	The Admin is logged into the loan management system.
Acceptance Criteria	:	**Given:** The Admin is on the loan records page, but no loan records exist. **When:** The Manager selects the "View All Loans" option. **Then:** The system displays a message indicating that no loan records are available.

5 Test cases:

Project Name:	Loan Management System	Test Designed by:	Riya Bhimani
Module Name:	Update Profile	Test Designed date:	14-02-2025
Release Version:	1.0	Test Executed by:	
		Test Execution date:	

Pre-condition: User must be logged into the system				
Test Case ID	Test Title	Test Type	Description	Test Case ID
TC_001	Update profile with valid details	Functional	User updates profile with valid information	TC_001
TC_002	Update profile with invalid details	Functional	User tries to update profile with invalid data	TC_002
TC_003	Verify UI elements on profile page	GUI	Ensure all elements are available on profile page	TC_003

Test Case Title	Update profile with valid details
Test Type	Functional
Test Priority	High
Pre-condition	User must be logged into the system

Test Step	Test Case Description	Expected Result	Actual Result	Status	Comment	Data	BUG ID
1	Navigate to profile update page	Profile update page loads successfully	Page loaded successfully	Pass		Profile Page Link	
2	Enter valid details (name, email, phone)	Fields should be editable and accept input	Input accepted	Pass		Name: John Doe, Email: johndoe@example.com	
3	Save updated details	System should save and show success message	Success message displayed	pass			
4	Verify updated details persist after logout and re-login	Updated profile information should be saved and	Data is saved and displayed correctly after re-login	pass			

		displayed correctly					

Test Case Title	Update profile with invalid details
Test Type	Functional
Test Priority	High
Pre-condition	User must be logged into the system

Test Step	Test Case Description	Expected Result	Actual Result	Status	Comment	Data	Bug ID
1	Navigate to profile update page	Profile update page loads successfully	Page loaded successfully	Pass		Profile Page Link	
2	Enter invalid details (e.g., incorrect email format, empty name field)	System should display validation errors	Validation errors displayed	Pass		Name: (empty), Email: invalid-email	
3	Try saving invalid details	System should not save and should prompt an error	Error message displayed	Pass			
4	Verify error messages are clear and specific	Each invalid field should have a proper error message	Error messages are specific	Pass		Example: "Invalid email format"	

Test Case Title	Verify UI elements on profile page
Test Type	GUI
Test Priority	Medium
Pre-condition	User must be logged into the system

Test Step	Test Case Description	Expected Result	Actual Result	Status	Comment	Data	Bug ID
1	Navigate to profile update page	Profile update page loads successfully	Page loaded successfully	Pass		Profile Page Link	
2	Verify presence of all input fields (Name, Email, Phone, etc.)	All required fields should be visible	Fields are visible	Pass		Fields: Name, Email, Phone, Address	
3	Verify buttons (Save, Cancel) are visible and clickable	Buttons should be properly displayed and functional	Buttons are displayed and functional	Pass			
4	Check field placeholders and labels	Fields should have correct labels and placeholders	Labels and placeholders are correct	Pass			

Project Name:	Loan Management System	Test Designed by:	Riya Bhimani
Module Name:	Submit Reviews	Test Designed date:	14-02-2025
Release Version:	1.0	Test Executed by:	
		Test Execution date:	

Pre-condition: User must be logged into the system

Test Case ID	Test Title	Test Type	Description	Test Case ID
TC_001	Submit review with valid details	Functional	User submits a review with valid details	TC_001
TC_002	Submit review with invalid details	Functional	User submits a review with missing or invalid details	TC_002

Test Case Title	Submit review with valid details
Test Type	Functional
Test Priority	High
Pre-condition	User must be logged into the system

Test Step	Test Case Description	Expected Result	Actual Result	Status	Comment	Data	Bug ID
1	Navigate to review submission page	Review submission page loads successfully	Page loaded successfully	Pass		Review Page Link	
2	Enter valid review details (rating, comment)	Fields should be editable and accept input	Input accepted	Pass		Rating: 5, Comment: "Great service!"	
3	Submit review	Review should be saved, and a success message displayed	Review saved and success message displayed	Pass			

| 4 | Verify review appears in review list | Submitted review should be visible in the reviews section | Review appears in list | Pass | | | |

Test Case Title	Submit review with invalid details
Test Type	Functional
Test Priority	High
Pre-condition	User must be logged into the system

Test Step	Test Case Description	Expected Result	Actual Result	Status	Comment	Data	Bug ID
1	Navigate to review submission page	Review submission page loads successfully	Page loaded successfully	Pass		Review Page Link	
2	Leave review fields blank or enter invalid data	System should display validation errors	Validation errors displayed	Pass		Rating: (empty), Comment: (empty)	
3	Enter invalid characters (e.g., special characters in rating)	System should reject invalid input	Error message displayed	Pass		Rating: #@!, Comment: "Good!"	
4	Submit invalid review	System should not accept submission and should prompt an error	Error message displayed	Pass		"Review cannot be empty" message	

6 References

- http://www.w3schools.com/html/html_intro.asp
- https://www.w3schools.com/php/default.asp
- https://www.javatpoint.com/uml

Demo

https://api.openweathermap.org/data/3.0/onecall?lat={33.44}&lon={94.04}&exclude={part}&appid={69c6b05 0cb2bd9a9095b6a01ecd8e151}

StartFragment

Product concept

Get essential weather data, short-term and long-term forecasts and aggregated weather data is easy with our OpenWeather **One Call API 3.0**. This product designed to ensure easy migration from the Dark Sky API.

EndFragment

PARAMS

lat	{33.44}
	Latitude, decimal (-90; 90). If you need the geocoder to automatic convert city names and zip-codes to geo coordinates and the other way around, please use our Geocoding API
lon	{94.04}
	Longitude, decimal (-180; 180). If you need the geocoder to automatic convert city names and zip-codes to geo coordinates and the other way around, please use our Geocoding API
exclude	{part}
	By using this parameter you can exclude some parts of the weather data from the API response. It should be a comma-delimited list (without spaces).
appid	{69c6b050cb2bd9a9095b6a01ecd8e151}
	Your unique API key (you can always find it on your account page under the "API key" tab)

DELETE   delete

https://api.openweathermap.org/data/3.0/onecall?lat={33.44}&lon={94.04}&exclude={part}&appid={69c6b05 0cb2bd9a9095b6a01ecd8e151}

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PATCH patch

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PUT put

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POST   post

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