

A Project Presentation On

Loan Management System

Submitted By

Patel Karan D.
Group No : 122
Enrolment No:-13084231129

M.Sc.(CA & IT) Semester- III

External Guided By

Mr. Neel P. Thakkar

Internal Guided By

Mr. Ravi S. Patel



Submitted to

Department of Computer Science,
Ganpat University, Ganpat Vidyanagar-384012
2014

INDEX

SR NO.	TITLE	SLIDE NO.
1.	Project Profile	4
2.	Existing System	5
3.	Need For New System	6
4	Functional Specification	7
5.	Hardware & Software Requirement (Min)	11
6.	System Flow Chart	13
7.	Timeline Chart	16
7.	E-R Diagram	17
9.	UML Diagrams	18
	10.1 Use Case Diagram	18
	10.2 Activity Diagram	19
	10.3 Class Diagram	22

INDEX

SR NO.	TITLE	SLIDE NO.
10.	10.4 Sequence Diagram	24
	10.5 Collaboration Diagram	26
11.	Data Dictionary	28
12.	Input Design	40
13.	Output Design	82
14.	Testing	88
15.	Post Implementation Review	91
16.	Future Enhancement	92
17.	Bibliography	93

ABSTRACT (PROJECT PROFILE)

Project Title :	Loan Management System
Objective :	Main objective is to provide good interaction & communication facilities between customers & Administrator. Loan management system has been designed to online the back office activities of bank and finance company which offers any type of loan., Administrator manage customer information database more efficiently, Loan details , maintain loan type and interest rate information. Admin can use calculator to give exact payable loan amount for the customer & generate all these work info as a report of each customers.
Platform :	Web–Base
Front End :	Java/JDK1.6.0 (JSP/ Servlet)
Back End :	MYSQL 5.1
Other Tools :	MS Office 2007, Eclipse Juno, Dream viewer 8
Project Duration :	90 Days
Internal Guide :	Mr. Ravi S. Patel
External Guide :	Mr. Neel P. Thakkar
Submitted To :	Department Of Computer Science ,Ganpat Vidyanagar, Kherva

EXISTING SYSTEM

- Here the existing system is a manual that doesn't maintain details with proper security and can't track details easily.
- It doesn't allow the customer to check their profile in proper way which leads customer dissatisfaction.
- Does not provide option to download loan form
- Existing system doesn't contain functionalities of fast retrieval information such as customer details and maintenance of all the loan details so it involves lots of paperwork.
- Doesn't user-friendly interface.
- Lots of time is required to manage customer info & details so it feels that existing system not accurate and therefore maintenance becomes very complicated.
- It used to take more time to find customers because there are required extra manual effort such as to hire candidate.
- Difficulty in generating different reports as per the business requirement

NEED FOR NEW SYSTEM

- Interest rates and the loan details are also available at the click of a mouse.
- Customer can apply for a loan and after approved it they can track their details from online.
- This system provides detail about the customers, their loan details, EMI details and its rate details.
- System provides download option to download different type of loan form in MS word document.
- Using with this system admin can find customer easily and it's a paperless system so workload is reduced.
- The decision process becomes faster and more consistent
- After registration and login customer can use the system easily and also customer can view any query about loan details as well as EMI details in their profile. So this system saves time.
- Provides good communication for the customer
- In this system there are used EMI(Equated Monthly Installment) calculators.
- Provides a facility to generate the reports very easily.

MAIN MODULES OF THE SYSTEM WITH FUNCTIONALITY

❖ There are Following Modules of this System :-

○ **User management:**

- Registration:
Customer, User can registration with basic information like User name, Mobile no, email id etc.
- Login:
Admin,Users can login with username and password.
- Manage Profile:
Admin,User can manage profile and update information.

○ **Loan Application:-**

- Admin manage loan application which is sent by customer using the system.

○ **Download Loan Form:-**

- Once loan is approved customer can download loan form in MS word document to sign of them and their guarantor.

○ **Customer Information Module:-**

- It shows all an information & details of the customer database which includes all the details like customer name, address, contact no, bank account no, PAN no, email id, etc. Only Admin can manage customer record.

- **Loan transaction module:-**

- Loan transaction module includes Loan Type, Customer, Issuing Loan, EMI Calculation, Receive payments. The System Administrator can able to add, modify loan type like Home Loan, Gold Loan, Personal Loan of customer and can modify the interest rate.
- One customer can have more than one loan, System generate unique loan no. Admin can add, modify loan details like loan type, loan amount, tenure, mortgage details, guarantor details.
- EMI Calculation - System have EMI calculator which can provides details of particular loans, System take input from user like Loan Amount, Interest Rate, Tenure, Issue Date and give details output like monthly EMI, total interest, total cost.
- Receive payment – using with this System admin can enter payment information for particular emi, in this system late fine charges can mention if receipt date is greater than the emi date.
- System user can find customer by their name to get customer ID

- **A Query Module:-**

- It shows EMI Payment details
- A query module give information for particular customer, Customer user can search information by entering customer ID.
- It displays details like No of payment, EMI amount, EMI date, Receipt date ,Late fine charge if any etc.

❖ User

- There are main two users:

- 1.Admin

- 2.Customer

USERS OF THE SYSTEM WITH SPECIFIC ROLE

➤ **Admin :-**

- Admin can login the system with his user name and password.
- Admin can change password.
- He can manage loan type and interest rate in the system .
- Admin can manage loan application sent by customer using the system to decide to give loan and for that customer will be contacted by company's agent to get document of loan .
- He can maintain information & details to the customer such as customer name, address, contact no, bank account no, pan no, email id, etc. Only Admin can manage customer record.
- He can manage loan details such as Loan no, loan type, Loan Amount, loan tenure, interest rate, Issue date etc. for the customer.
- He can calculate and manage EMI details .
- He can mange at the time of receiving EMI which contains details of given an EMI and the EMI that are remain in future to get next time of customer.
- Report generation module provides user to take print out..

USERS OF THE SYSTEM WITH SPECIFIC ROLE

➤ Customer:-

- The customer - seeking the loan and information related loans.
- They can view an interest rate and the loan type in the system.
- They can apply loan application using the system to get loan and track their profile details from online after given the loan.
- Once loan is approved they can download a loan form in MS word document to signature.
- User can register with the basic information like User name, Mobile no, email id etc.
- User can login the system with his username and Password.
- They can view their information & details such as customer name, address, contact no, bank account no, pan no, email id, etc.
- They can view loan details such as Loan no, loan type, Loan Amount, loan tenure, interest rate, Issue date etc.
- They can view their EMI details.
- They can view the details of given payment of an EMI details
- Search feature allows customer to find their details.

HARDWARE & SOFTWARE REQUIREMENT

- The minimum requirements of hardware & software for running the web application is as follow.

- MINIMUM HARDWARE REQUIREMENT:**

- **Server Side**

Processor	2.4GHz
Hard Disk	40 GB Free Space
RAM	2 GB

- **Client Side**

Processor	1.9GHz
Hard Disk	20 GB Free Space
RAM	1 GB

□ **MINIMUM SOFTWARE REQUIREMENT:**

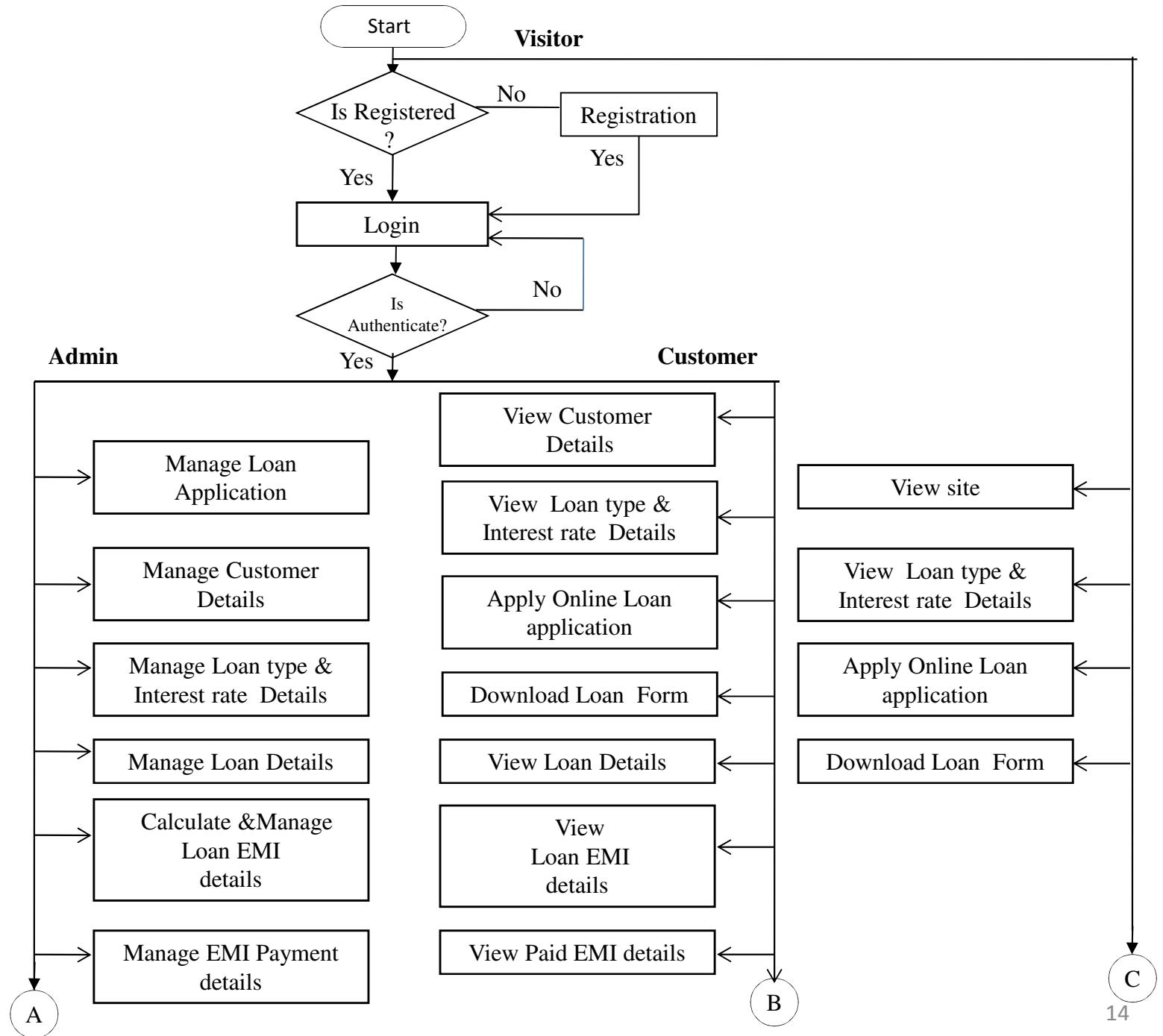
➤ **Server Side**

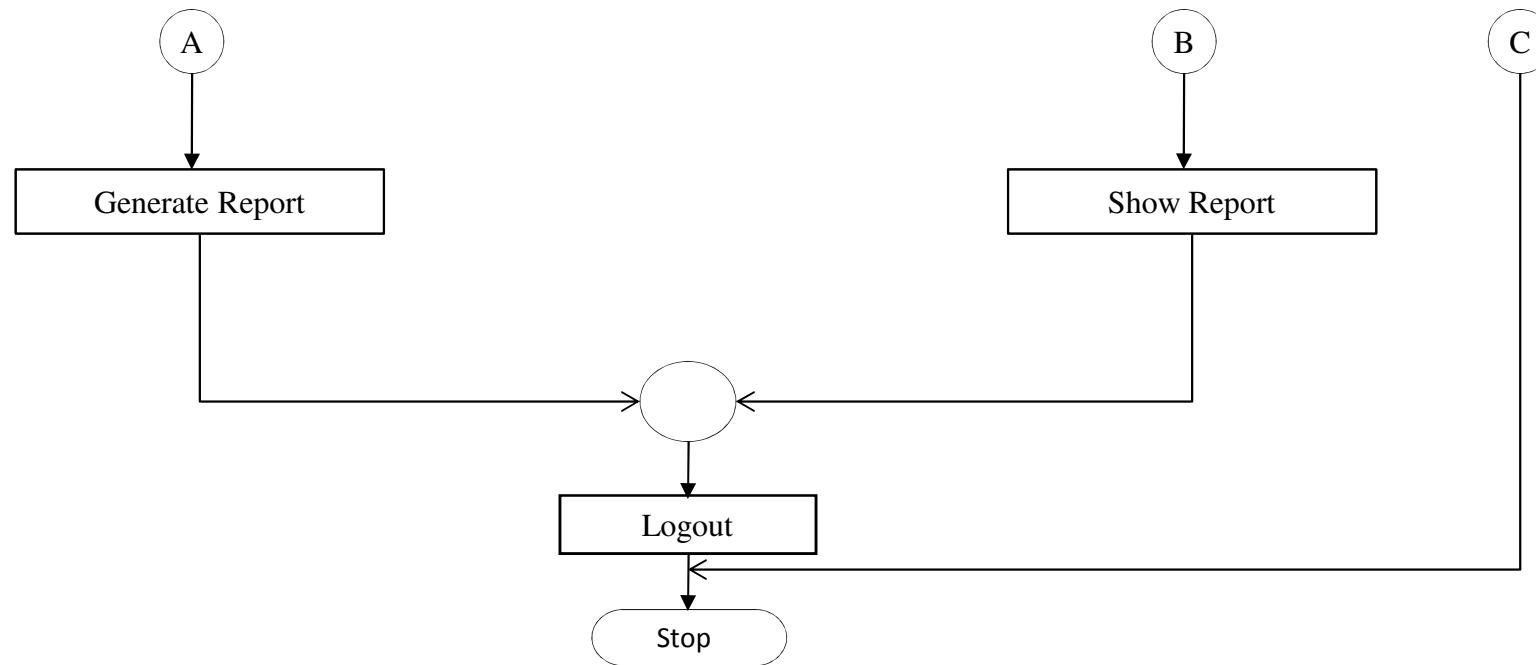
Operating System	windows server 2003
Web Server	Apache Tomcat ver. 7.0
Front-End Tools	Java/jdk 1.6.0 (JSP/Servlet)
Back-End Tools	MYSQL Server 5.1

➤ **Client Side**

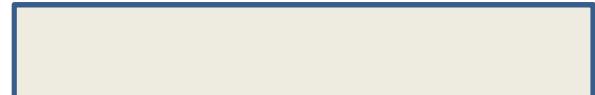
Operating System	Windows XP or Any compatible OS
Web Browser	Internet Explorer 5.0 or Any compatible Browser

SYSTEM FLOW CHART

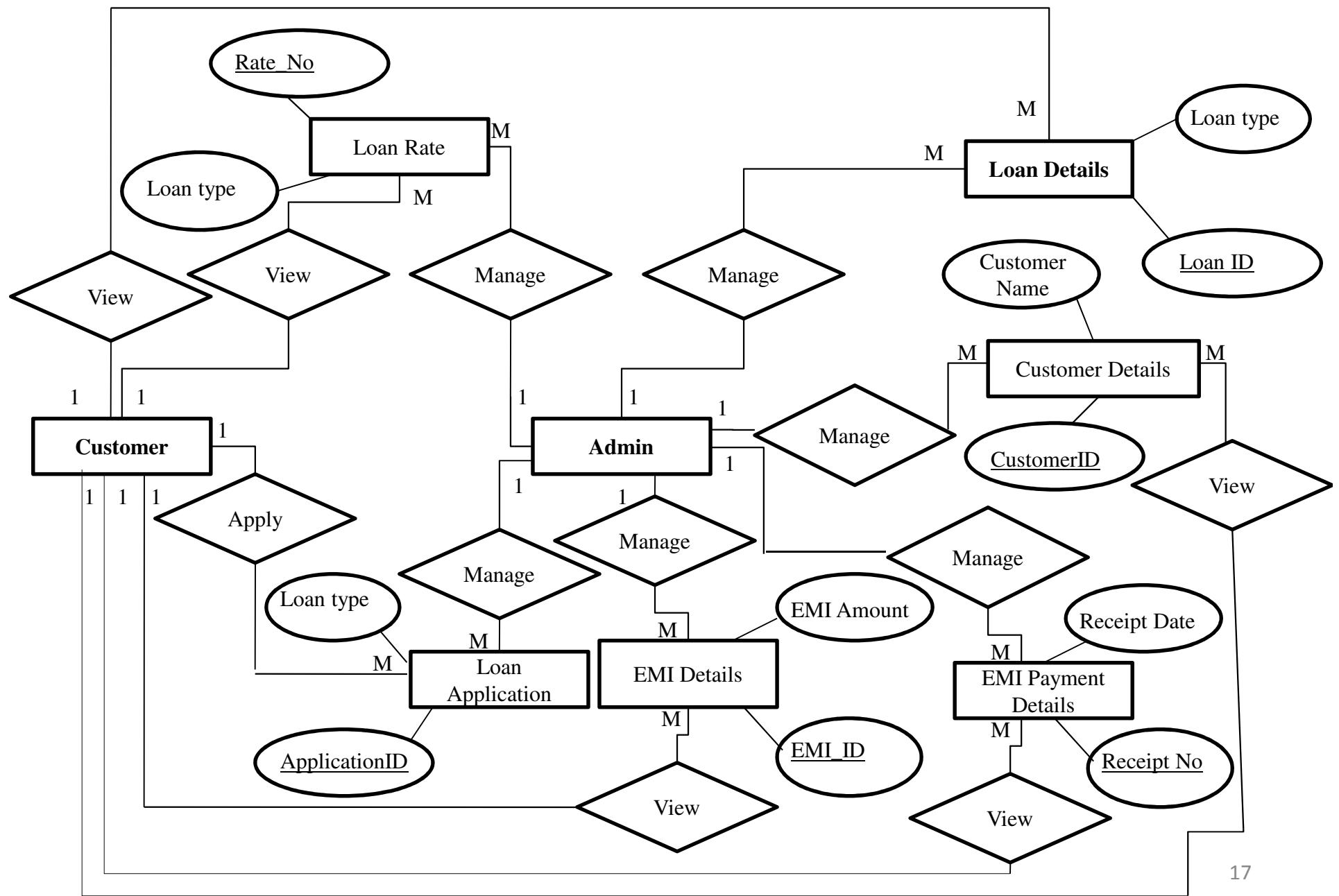




GANNT CHART

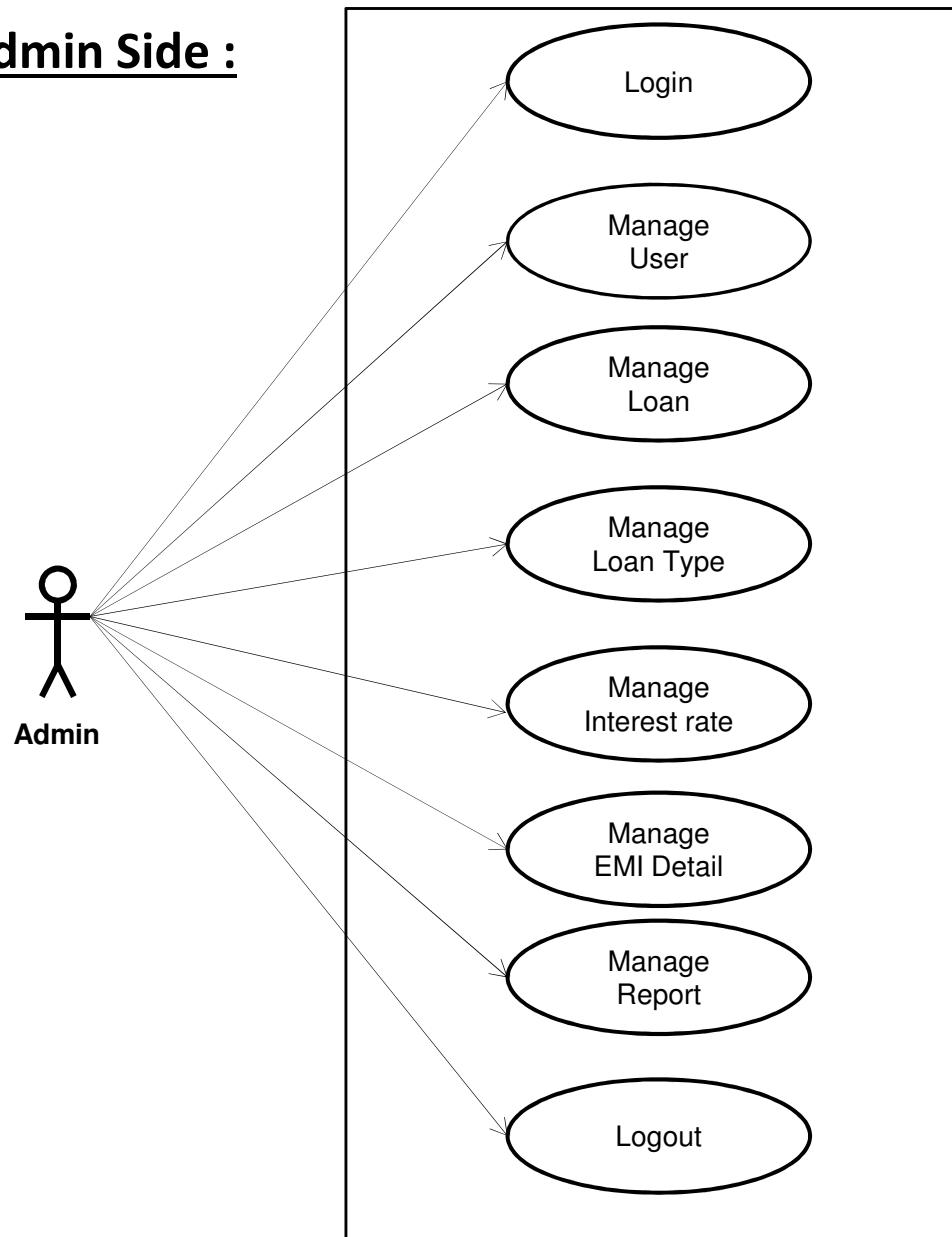
Development Phase	120 Days					Duration (Day)
	0 to 10 Day	10 to 20 Day	20 to 30 Day	30 to 40 Day	40to 50 Day	
Requirement Gathering						03
Analysis						6
System Design						15
Coding						20
Testing						5
Implementation						03
Documentation						Parallel
Total Time (Days)						50

E-R DIAGRAM

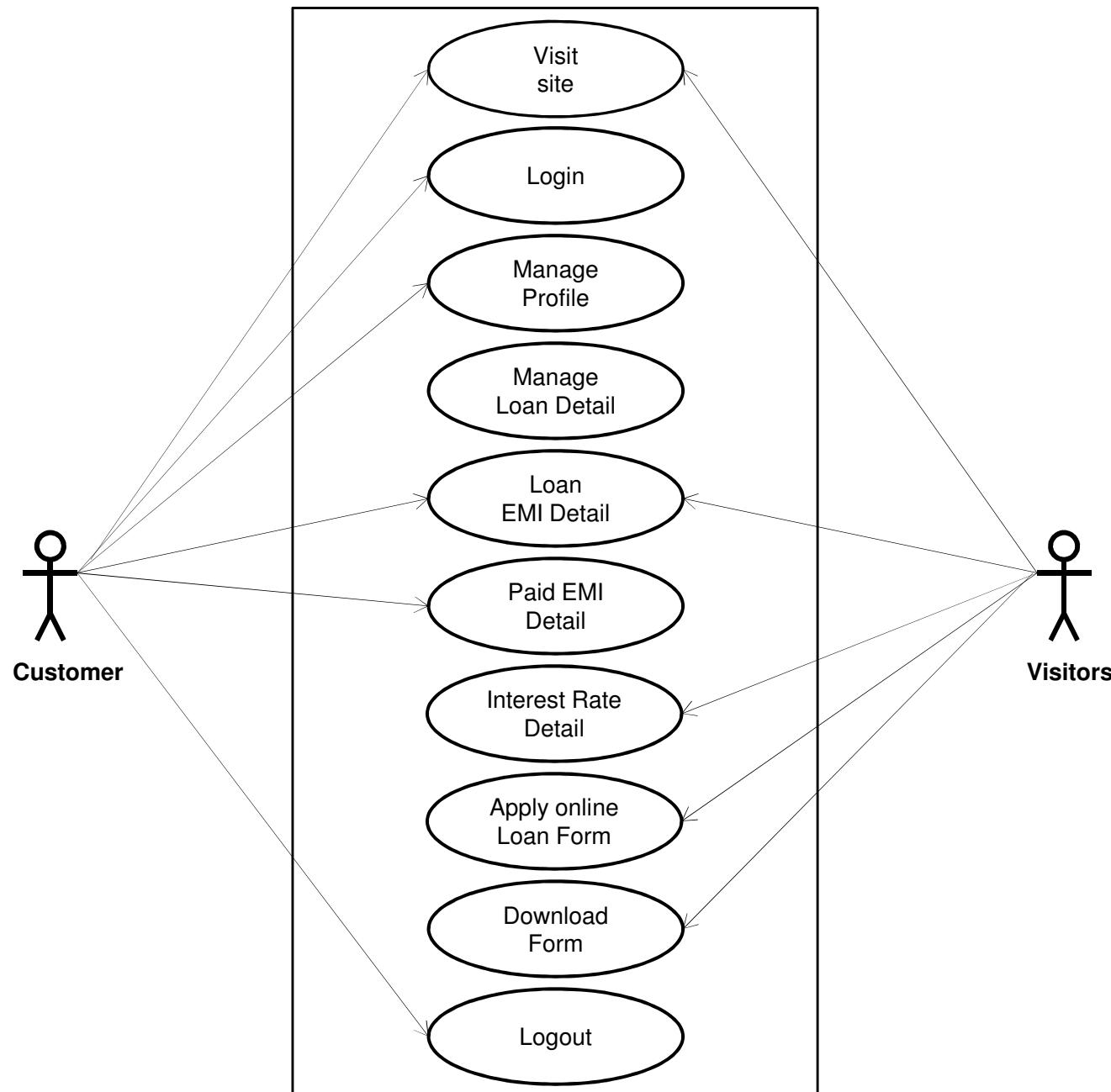


USE CASE DIAGRAM

Admin Side :

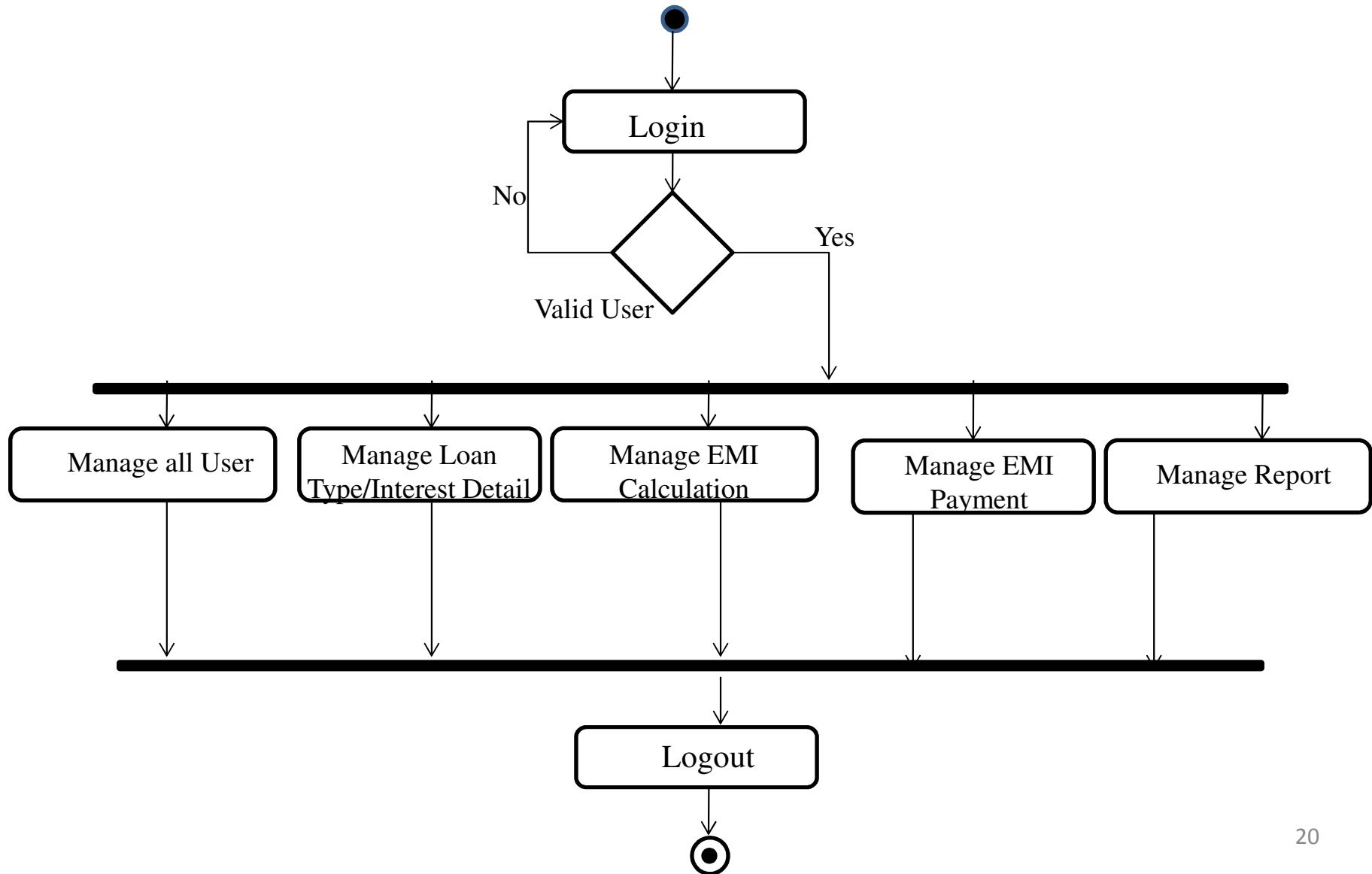


Customer and Visitor Side :

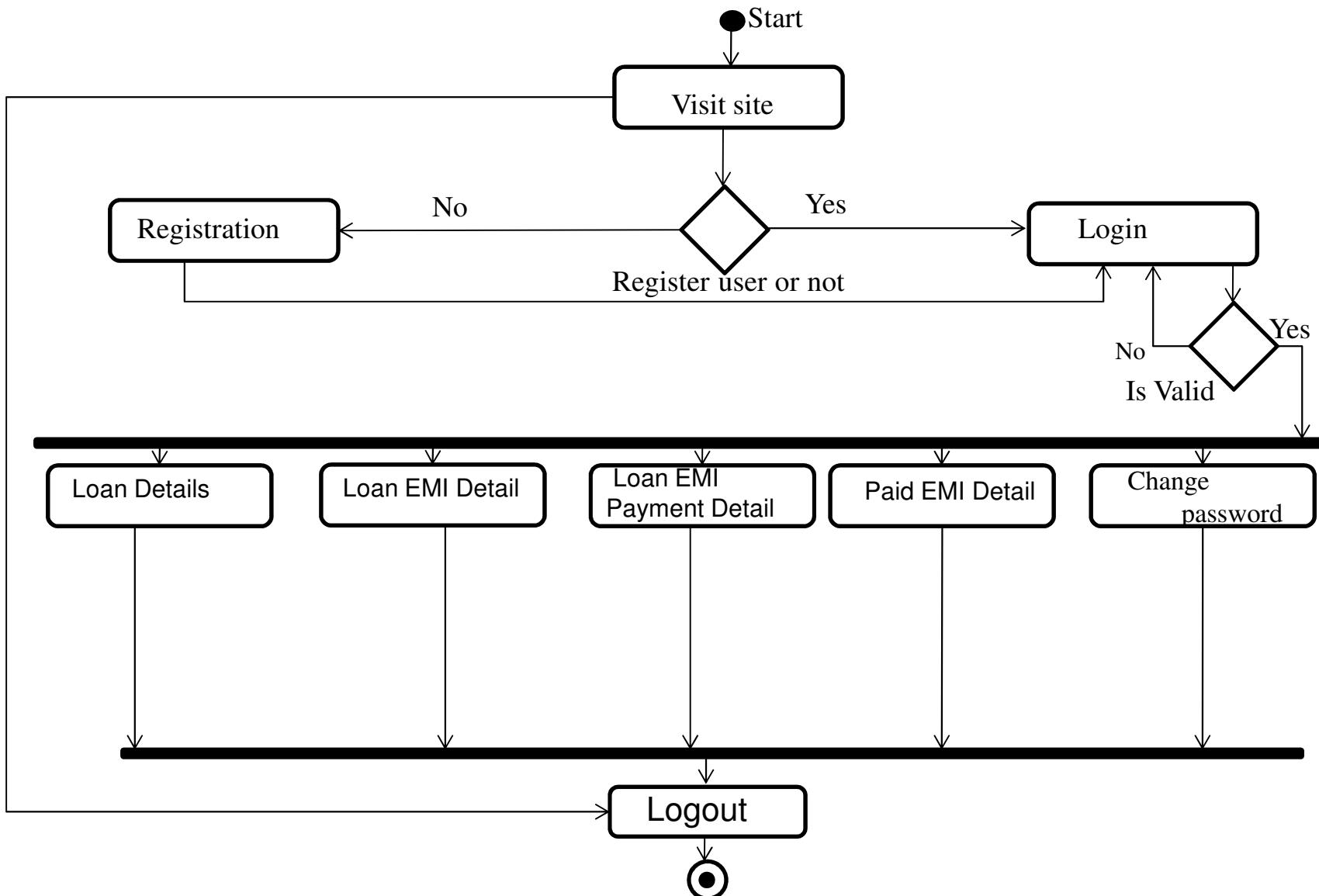


ACTIVITY DIAGRAM

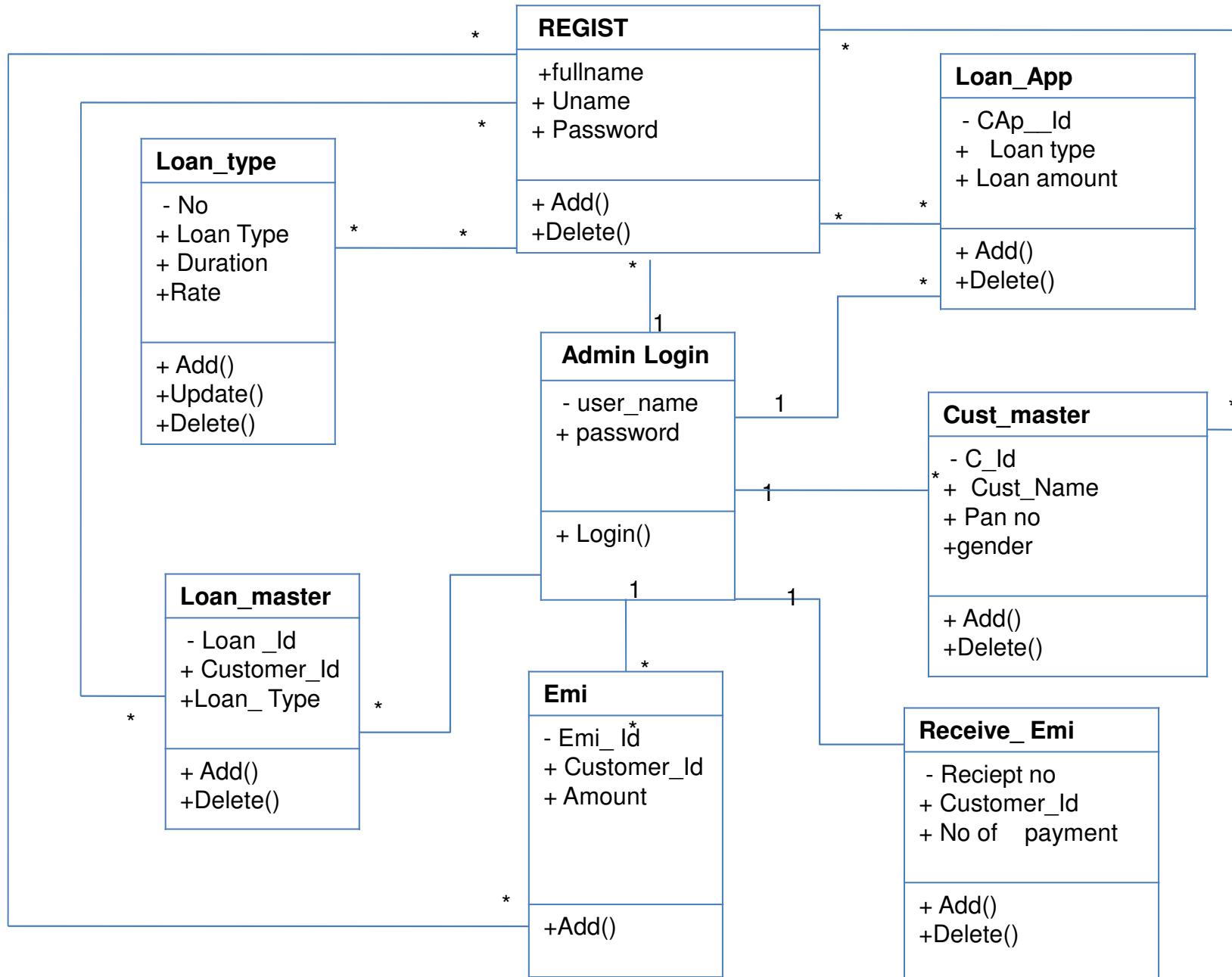
Admin Side :



Customer Side :

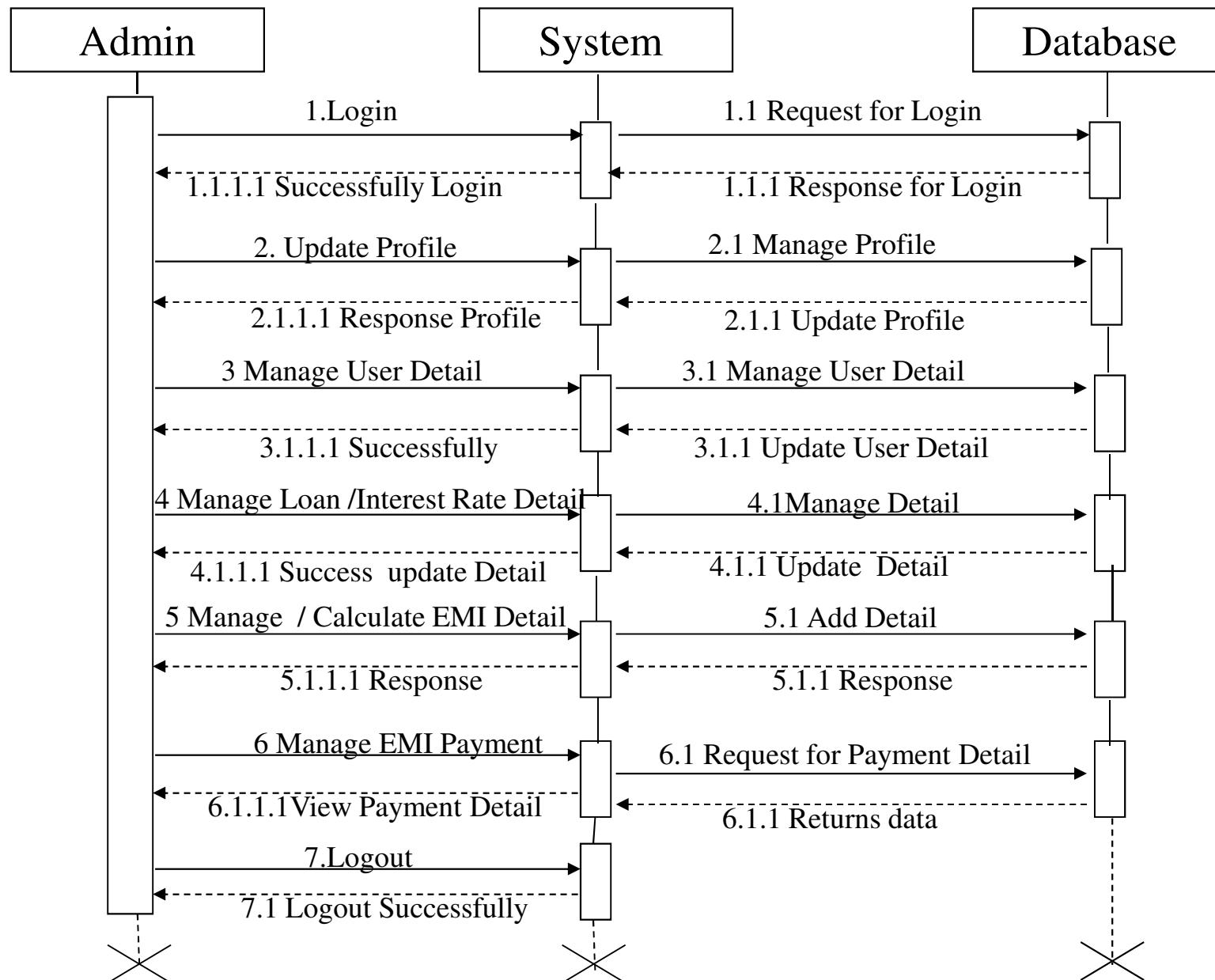


CLASS DIAGRAM

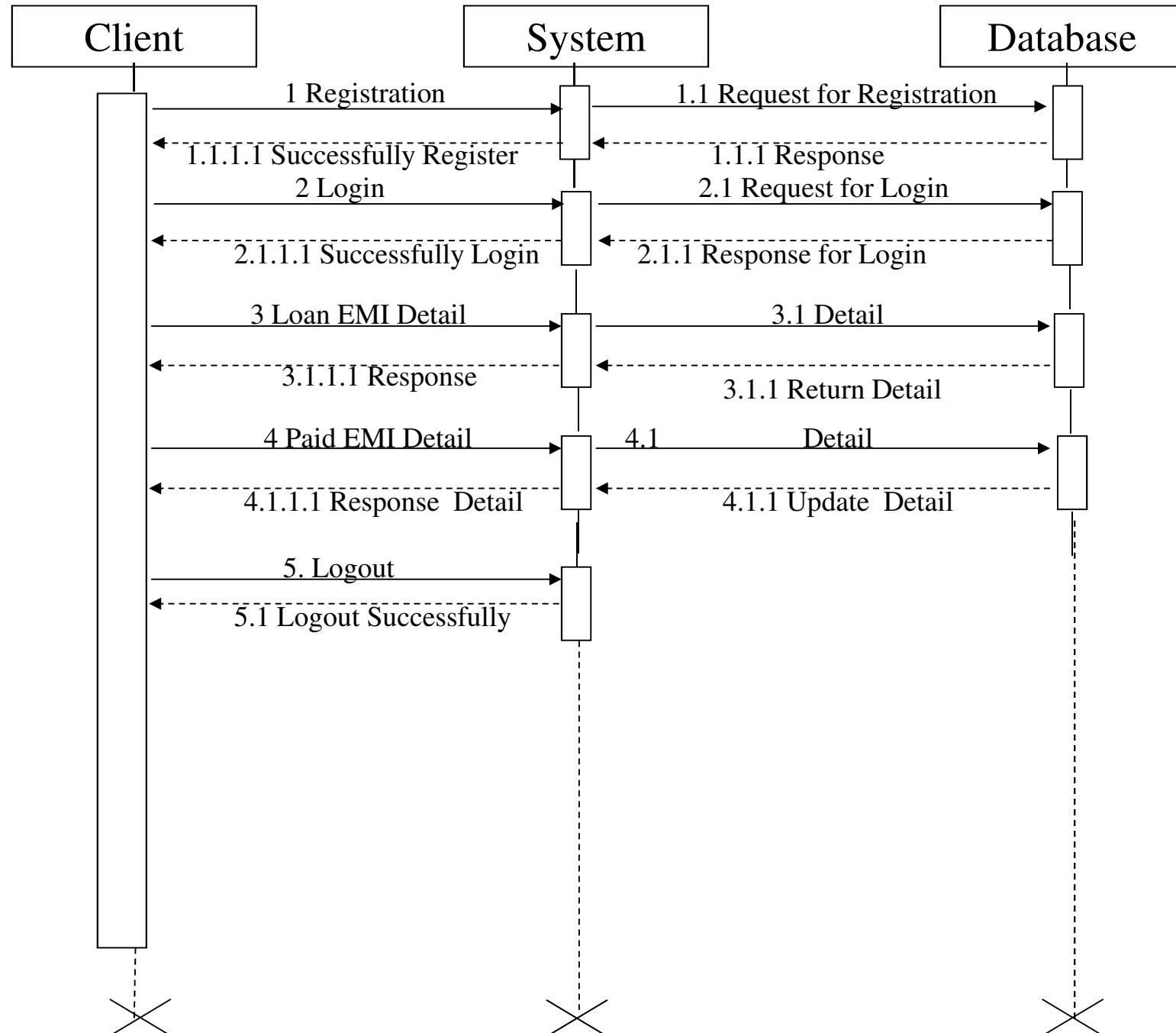


SEQUENCE DIAGRAM

Admin side :

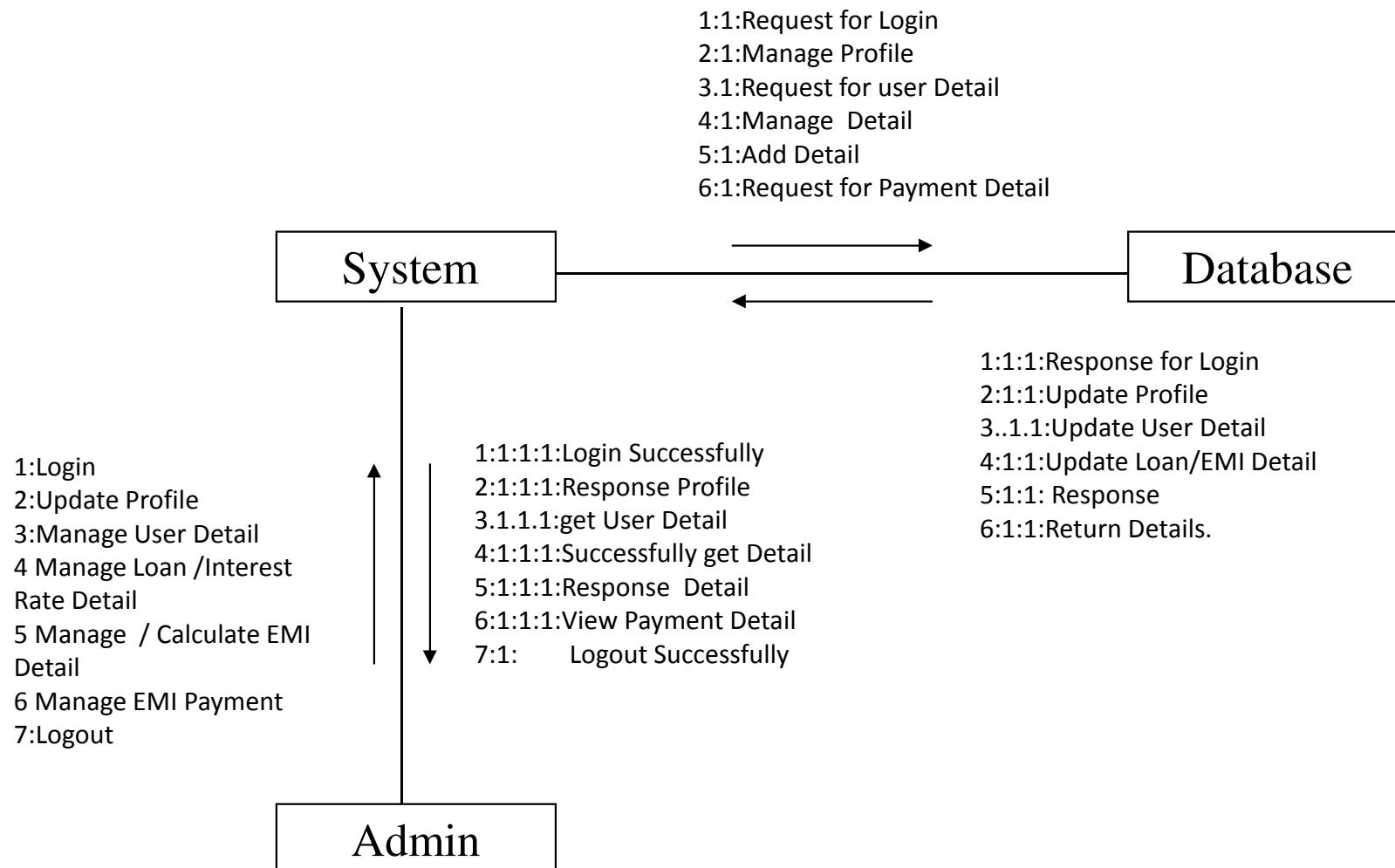


Customer side :

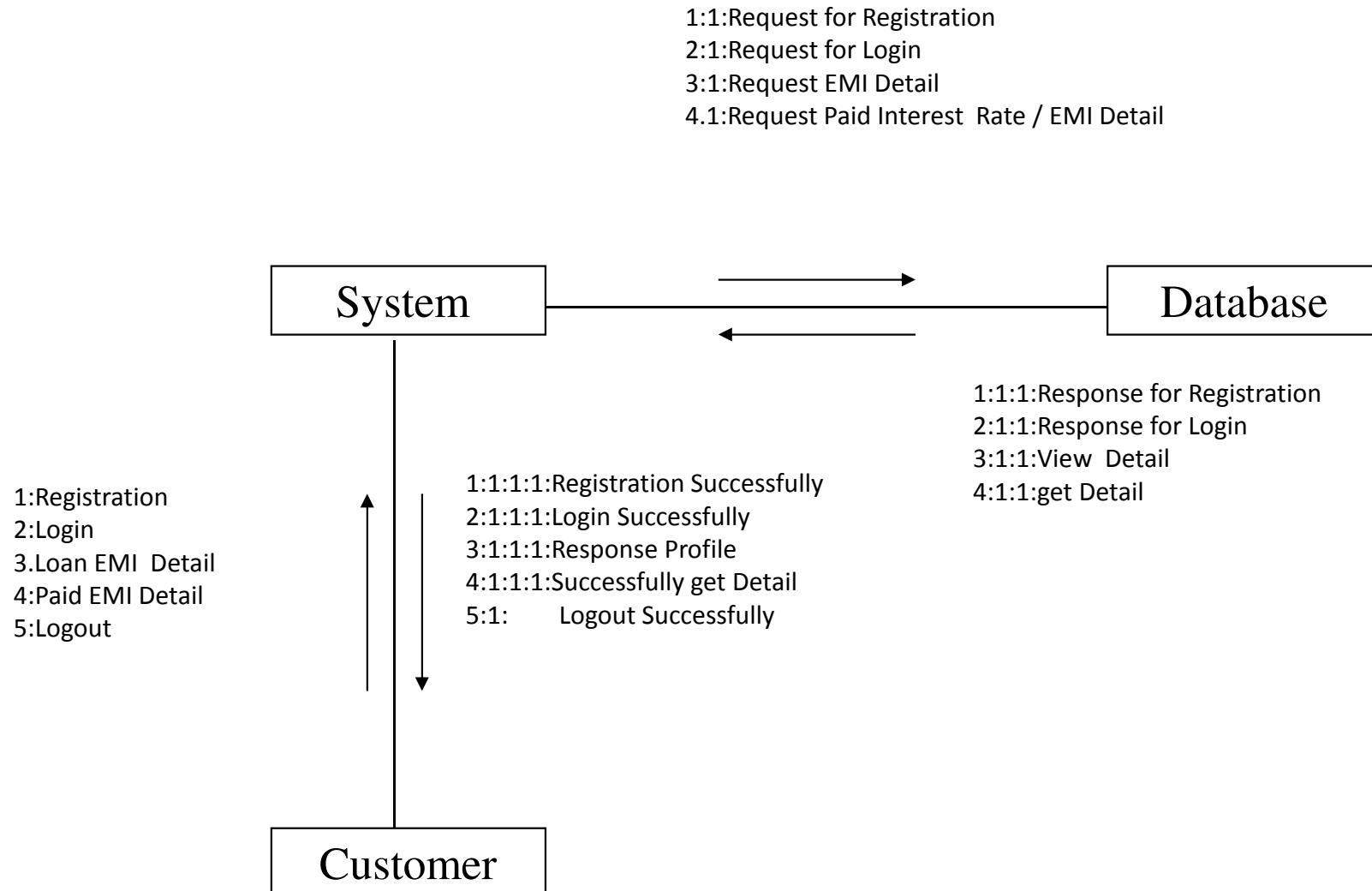


COLLABORATION DIAGRAM

Admin Side :



Customer Side :



DATA DICTIONARY

1. loanapplication
2. regist
3. admin_login
4. fixed
5. float
6. Cust_Master
7. Loan_master
8. emi
9. receive_emi

Table Name : loanapplication

Primary Key : app_id

Description : Admin can manage loan application Details which is sent by customer

Sr.No	Field Name	DataType(Size)	Constraint	Description
1	App_id	Int(4)	Primary key	Store Employee ID(Auto increment)
2	Loan_Type	Varchar(15)	Not Null	Store the name of loan like Home loan ,gold loan ,Personal Loan,Vehical Loan.
3	Loan_Amount	int(12)	Not Null	Store amount of loan
4	Cust_Name	Varchar(20)	Not Null	Store the name of customer
5	Monthly_Income	int(6)	Not Null	Store the monthly income of customer
6	Gender	Varchar(6)	Not Null	Store gender of customer
7	Age	int(2)	Not Null	Store age of customer
8	Address	Varchar(50)	Not Null	It store an information about Address.
9	MobileNo	Numeric(12)	Not Null	Store the Employees Mobile Number
10	WorkPhone	Numeric(12)	Not Null	Store other phone number of customer
11	EmailID	Varchar(30)	Not Null	Store Email Id of Customer

Table Name : regist

Primary Key : rid

Description : Contains Customer User's registration information

Sr.No	Field Name	Datatype(size)	Constraint	Description
1	Rid	Int(4)	Primary Key	Store Registration ID.
1	FullName	varchar(30)	Not Null	Store full name of user
2	UserName	varchar(20)	Not null	Store User name of user
3	Password	varchar(20)	Not Null	Store Password of user
4	MobileNo	Numeric(12)	Not Null	Store Mobile Number of user
5	EmailId	Varchar(30)	Not Null	Store Email Id of user

Table Name : Admin_Login

Primary Key : User_Name

Description : Contains Admin's login information

Sr.No	Field Name	Datatype(size)	Constraint	Description
1	User_Name	varchar(20)	Primary Key	Store Name of admin
2	Password	varchar(20)	Not Null	Store Password of admin

Table Name : fixed

Primary Key : No

Description : Admin can manage fixed loan rate Details

Sr.No	Field Name	DataType(Size)	Constraint	Description
1	No	int (4)	Primary key	Store loan rate number (Auto Increment)
2	Loan_Type	Varchar(30)	Not Null	Store the type of loan
3	Duration	Varchar(15)	Not Null	Store the duration of loan
4	Rate	double(4,2)	Not Null	Store an interest rate of loan

Table Name : floating

Primary Key : No

Description : Admin can manage float loan rate Details

Sr.No	Field Name	DataType(Size)	Constraint	Description
1	No	int (4)	Primary key	Store loan rate number (Auto Increment)
2	Loan_Type	Varchar(30)	Not Null	Store the type of loan
3	Duration	Varchar(15)	Not Null	Store the duration of loan
4	Rate	double(4,2)	Not Null	Store an interest rate of loan

Table Name : **cust_master**

Primary Key : **C_ID**

Description : Admin can manage customer details

Sr.No	Field Name	DataType(Size)	Constraint	Description
1	C_ID	int	Primary key	Store Customer ID
2	Cust_Name	Varchar(30)	Not Null	Store the name of customer
3	PAN_No	Varchar(20)	Not Null	Store customer PAN card number
4	Gender	Varchar(6)	Not Null	Store gender of customer
5	City	Varchar(10)	Not Null	It store the City of customer
6	Address	Varchar(50)	Not Null	It store an information about Address.
7	MobileNo	Numeric(12)	Not Null	Store the customer Mobile Number
8	Work_phone	Varchar(20)	Not Null	Store work phone.
9	Dob	Varchar(10)	Not null	Store DOB
10	Status	Varchar(8)	Not null	Store Status

Table Name : loan_master

Primary Key : Loan_ID

Foreign Key: C_ID

Description : Admin can manage customer loan details

Sr.No	Field Name	Datatype(size)	Constraint	Description
1	Loan_ID	Int(4)	Primary key	Store loan id (auto increment)
2	C_ID	Int(4)	Foreign key	It gives references to the customer id
3	Loan_Type	Varchar(30)	Not Null	Store the type of loan
4	Loan_Tenure(Months)	int(2)	Not Null	Store the tenure of loan
5	Loan_Amount	int(12)	Not Null	Store amount of loan
6	Interest_Type	Varchar(10)	Not Null	Store the type of interest like float or fixed
7	Interest_Rate	float(4,2)	Not Null	Store an interest rate of loan
8	IssueDate	Varchar(10)	Not Null	Store the date of given loan to customer
9	Mortgage_Details	Varchar(50)	Null	Store the mortgage details of customer
10	Guarantor_Name	Varchar(30)	Not Null	Stores the customer's guarantor name
11	Address	Varchar(50)	Not Null	It store an information about customer guarantor add.
12	ContactNo	Varchar(30)	Not Null	Store the guarantor contact number

Table Name : emi

Foreign Key: C_ID

Description : Admin can manage EMI details

Sr.No	Field Name	Datatype(size)	Constraint	Description
1	C_ID	Int(4)	Foreign key	It gives references to the customer id
2	EMI_Amount	double(12,1)	Not Null	Store EMI amount of loan
3	Interest_Amount	double(8,1)	Not Null	Store an interest amount of loan
4	Total_Amount	double(12,1)	Not Null	Store total amount of loan

Table Name : **Receive_EMI**

Primary Key : ReceiptNo

Foreign Key: C_ID.

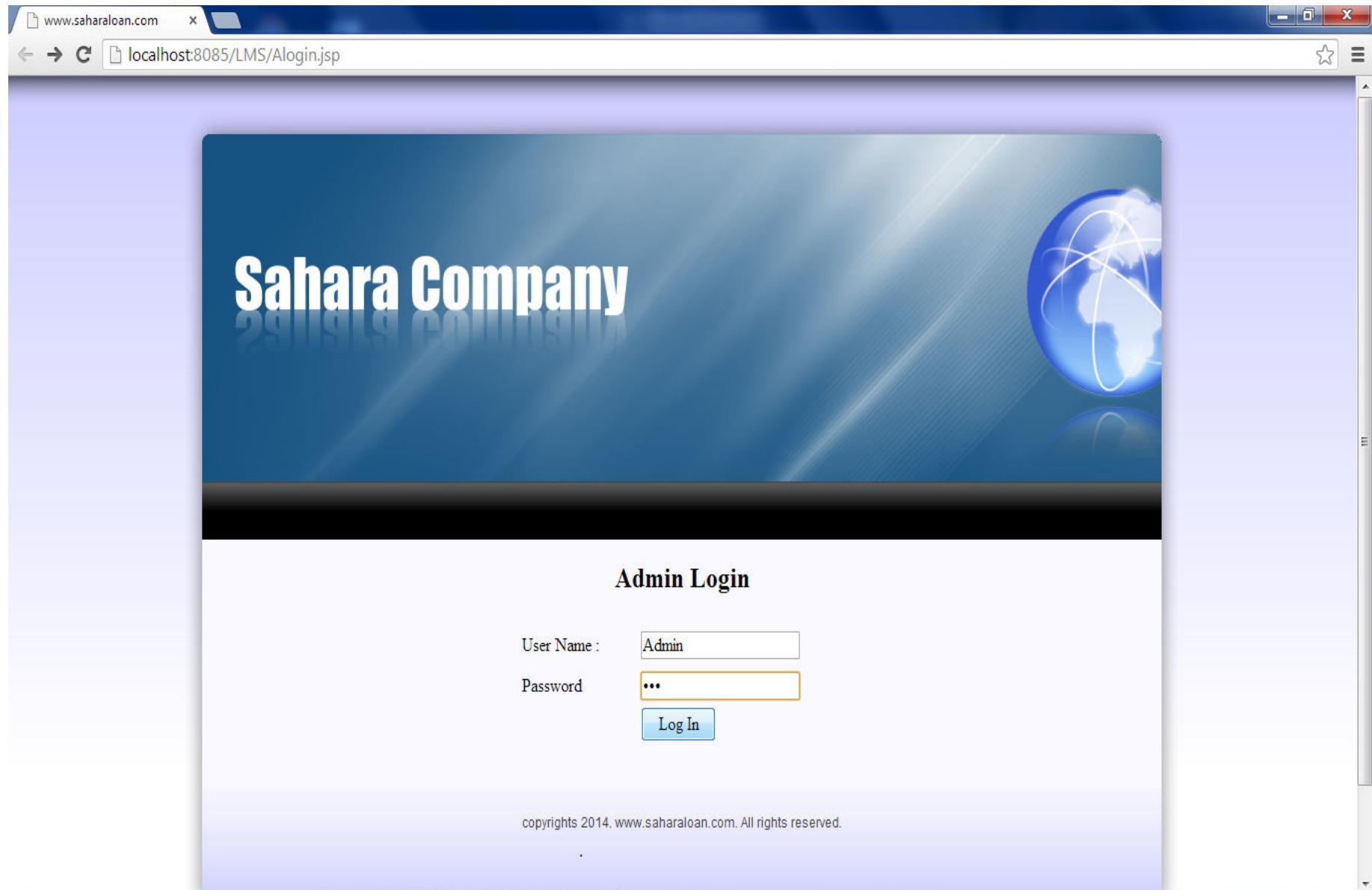
Description : Admin can manage payment of EMI details

Sr.No	Field Name	Datatype(size)	Constraint	Description
1	C_ID	Int(4)	Foreign key	It gives references to the customer id
2	ReceiptNo	Int(11)	PrimaryKey	Store receipt number
3	No_of_payment	int(4)	Not Null	Store number of payment
4	Receipt_Date	Varchar(10)	Not Null	Store the date at the time of receiving
5	EMI__Date	Varchar(10)	Not Null	Store the date at the time of receiving
6	EMI_Amount	double(12,1)	Not Null	Store an EMI amount of loan
7	Late_Fine_Charge	Double(8,1)	Null	Store late fine charge if required
8	Total_Amount	double(12,1)	Not Null	Store the total amount with loan EMI

INPUT DESIGN

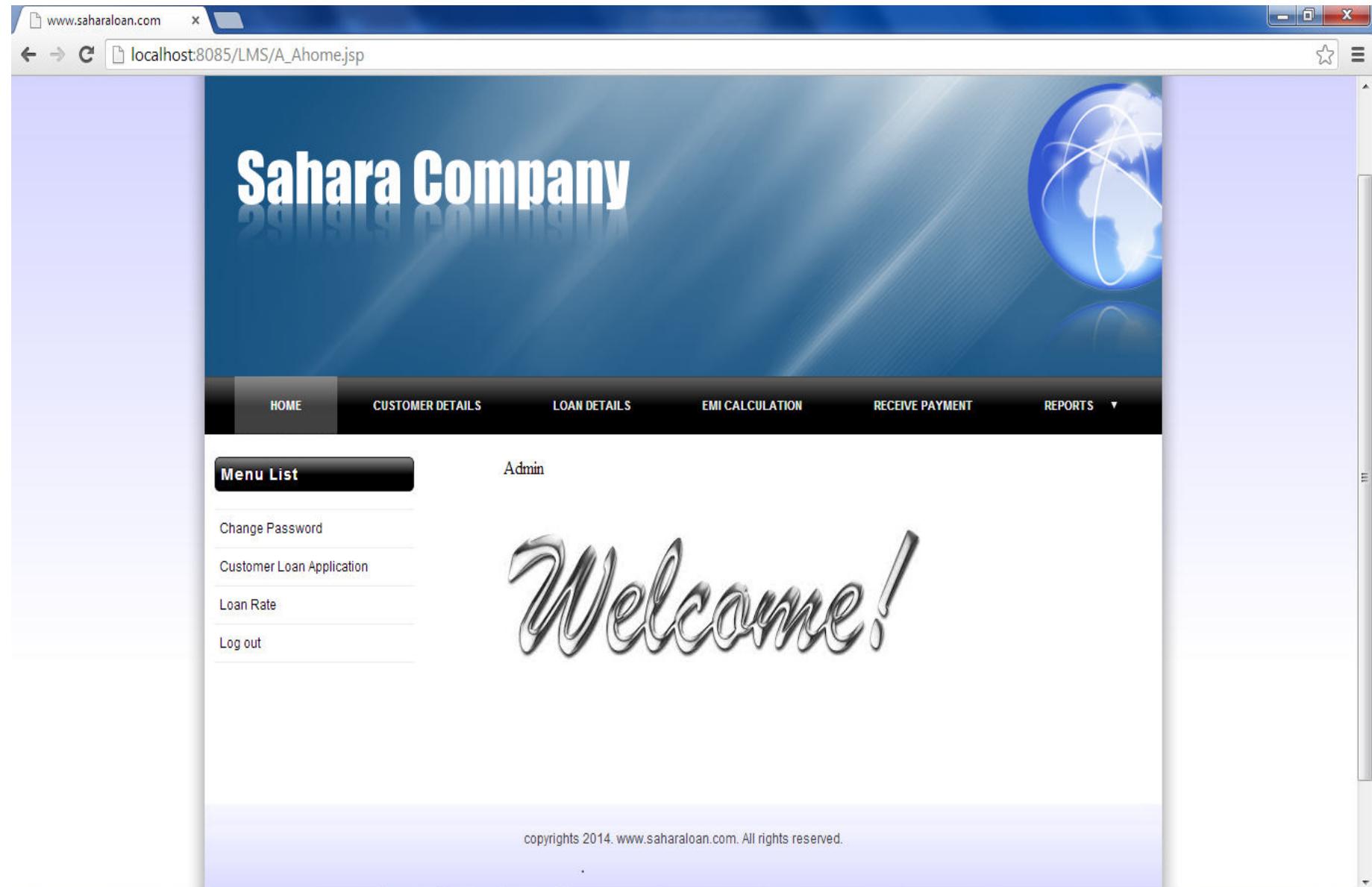
ADMIN SIDE

Admin Login



Description :- This form shows about Admin Login Form

Home Page



This form shows the admin Home Page

Admin change Password

The screenshot shows a web application interface for 'Sahara Company'. The main header features the company name in large white text on a blue background with a globe icon. Below the header is a black navigation bar with links: HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT, and REPORTS. A dropdown menu is open under REPORTS. On the left, a sidebar titled 'Menu List' contains links: Change Password, Customer Loan Application, Loan Rate, and Log out. The central content area is titled 'Change Password'. It contains three input fields: 'User Name : Admin', 'Old Password : ***', and 'New Password :'. Below these fields are two buttons: 'Set' (blue) and 'Cancel' (grey). At the bottom of the page, there is a copyright notice: 'copyrights 2014. www.saharaloan.com. All rights reserved.'

This form shows about Admin change Password

Loan application details

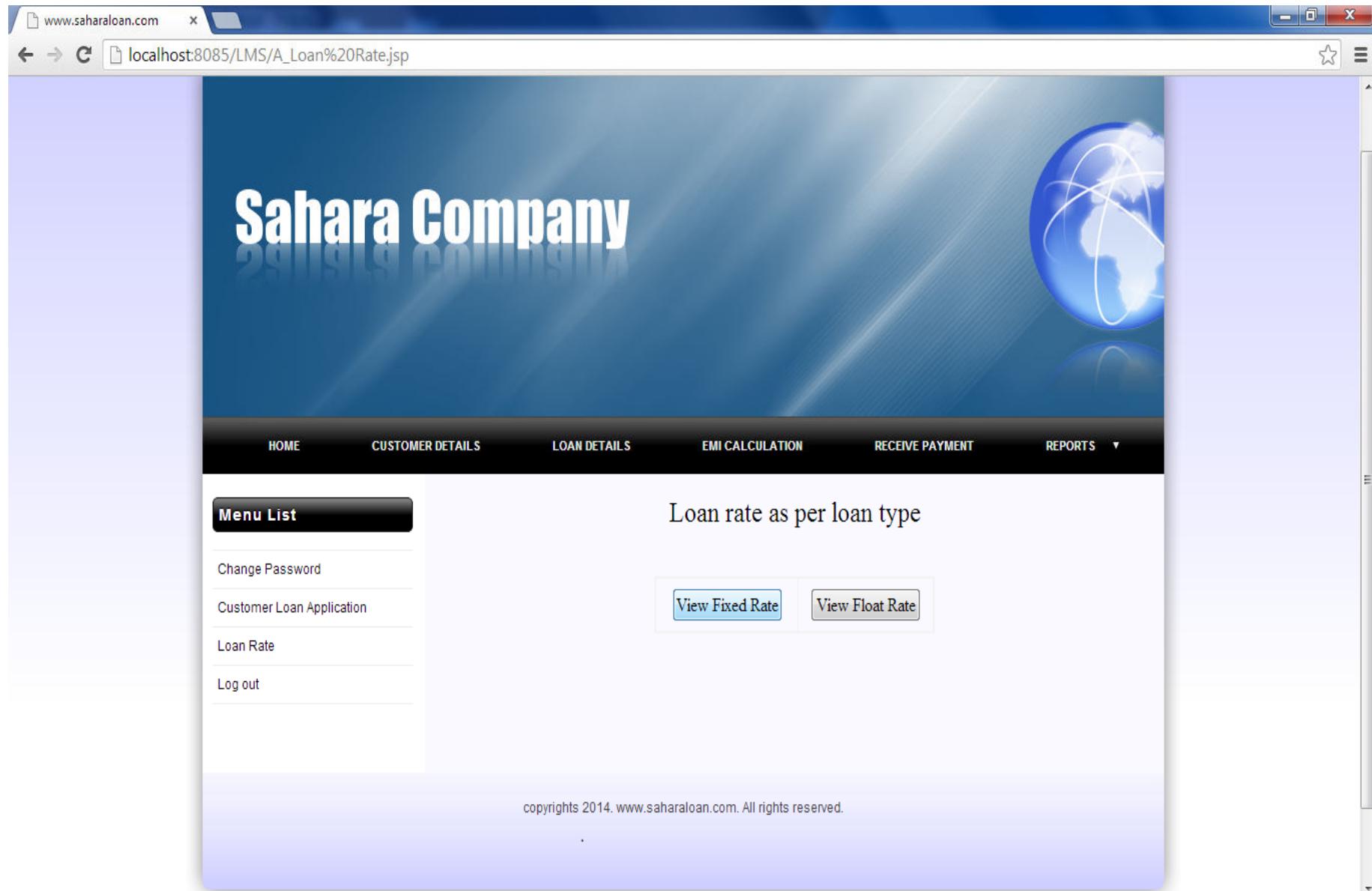
The screenshot shows a web browser window with two tabs open, both displaying 'www.saharaloan.com'. The active tab is titled 'localhost:8085/LMS/A_Loan%20Application.jsp'. The main content area features a large blue header with the text 'Sahara Company' and a globe icon. Below the header is a black navigation bar with links: HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT, and REPORTS. On the left side, there is a sidebar with a 'Menu List' containing links for Change Password, Customer Loan Application, Loan Rate, and Log out. The main content area is titled 'Customer's Loan Application' and displays a table of loan application details. The table has columns for App ID, Loan Type, Loan Ammount, Customer Name, Monthly Income, Gender, Age, Address, Mobile No., Work Phone, Email ID, and Action. There are two rows of data:

App ID:	Loan Type:	Loan Ammount:	Customer Name:	Monthly Income:	Gender:	Age:	Address:	Mobile No.:	Work Phone:	Email ID:	Action:
1	Home Loan	200000	Shah Naresh Kamleshbhai	10000	Male	29	Mehsana	9898254568	7878564515	nk@gmail.com	<input type="checkbox"/>
2	Gold	10000	Patel Sandip	10000	Male	28	Patan Ambica Society.	9898254568	7878564515	nk@gmail.com	<input type="checkbox"/>

A 'Delete' button is located at the bottom of the table. At the very bottom of the page, a copyright notice reads 'copyrights 2014. www.saharaloan.com. All rights reserved.'

This form shows about loan application details which is sent by customer

Fixed Loan rate details



This form shows clicking on fixed loan rate to view details

Fixed Loan rate details

The screenshot shows a web browser window for the website www.saharaloan.com, specifically the page localhost:8085/LMS/A_Loan%20Rate_View.jsp. The page has a blue header with the company logo 'Sahara Company' and a globe icon. Below the header is a black navigation bar with links: HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT, and REPORTS. On the left, there is a sidebar titled 'Menu List' containing links: Change Password, Customer Loan Application, Loan Rate (which is highlighted in red), and Log out. The main content area is titled 'Loan rate as per loan type' and features a table titled 'Fixed Rate'. The table lists four types of loans with their respective durations and rates:

Loan Type	Duration	Rate(%)	Action
Home Loan	1 to 5 Year	14.0	<input type="checkbox"/>
Gold Loan	1 to 5 Year	15.0	<input type="checkbox"/>
Personal Loan	1 to 5 Year	16.0	<input type="checkbox"/>
Vehicle Loan	1 to 5 Year	18.0	<input type="checkbox"/>

At the bottom of the table are three buttons: Add, Change, and Delete. A copyright notice at the bottom of the page reads: 'copyrights 2014. www.saharaloan.com. All rights reserved.'

This form shows fixed loan rate details

Fixed Loan rate details

The screenshot shows a web browser window for the Sahara Company LMS application. The URL in the address bar is `localhost:8085/LMS/A_Loan%20Rate_I.jsp`. The page has a blue header with the company logo and navigation links for HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT, and REPORTS. On the left, there is a sidebar menu titled "Menu List" with options: Change Password, Customer Loan Application, Loan Rate (which is selected), and Log out. The main content area is titled "Loan Rate" and contains the sub-titel "Inserting fixed rate". It includes three input fields: "Select Loan Type : Select" (with a dropdown arrow), "Duration : 1 to 5 Year", and "Interest Rate(%) : 18". At the bottom are "Insert" and "Cancel" buttons. A copyright notice at the bottom of the page reads "copyrights 2014. www.saharaloan.com. All rights reserved."

This form shows inserting loan rate details

Float Loan rate details

The screenshot shows a web browser window with the URL localhost:8085/LMS/A_Loan%20Rate_View_float.jsp. The page title is "Sahara Company". The menu bar includes links for HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT, and REPORTS. On the left, a sidebar titled "Menu List" contains links for Change Password, Customer Loan Application, Loan Rate, and Log out. The main content area displays a table titled "Floating Rate" showing loan rates for different types. At the bottom, there are "Add", "Change", and "Delete" buttons, and a copyright notice: "copyrights 2014. www.saharaloan.com. All rights reserved."

Loan Type	Duration	Rate(%)	Action
Home Loan	For 1 Year	12.5	<input type="button" value=""/>
Gold Loan	For 1 Year	15.0	<input type="button" value=""/>
Personal Loan	For 1 Year	20.0	<input type="button" value=""/>
Vehicle Loan	For 1 Year	22.0	<input type="button" value=""/>

This form shows float loan rate details

Customer details

The screenshot shows a web application interface for managing customer details. The URL in the address bar is `localhost:8085/LMS/A_CD_I.jsp`. The page title is "Customer Details". A modal dialog box is displayed in the center, stating "The page at localhost:8085 says:" followed by the validation error "Please enter valid PAN no with alphanumeric characters!". An "OK" button is visible in the dialog.

Menu List

- Change Password
- Customer Loan Application
- Loan Rate
- Log out

Customers Details

Customer Name :	Patel Mayank Pareshbhai	
PAN No. :	ADCBE3241	
Gender :	<input checked="" type="radio"/> Male	<input type="radio"/> Female
City :	Patan	
Address :		
Mobile No. :	8787256458	Phone No. : 7856142565
Email ID :	pmp@ymailcom	
Date of Birth :	02-02-1984	
Status :	<input checked="" type="checkbox"/> Active <input type="checkbox"/> Inactive	
Insert Cancel		

copyrights 2014. www.saharaloan.com. All rights reserved.

This form shows about validation for entering invalid PAN Card no of customer

Loan details

www.saharaloan.com

localhost:8085/LMS/A_Loan%20Details.jsp

Sahara Company

HOME CUSTOMER DETAILS LOAN DETAILS EMI CALCULATION RECEIVE PAYMENT REPORTS

Menu List

- Change Password
- Customer Loan Application
- Loan Rate
- Log out

Customer ID :	Loan Type:	Loan Ammount:	Loan Tenure : (In Month)	Interest Type:	Interest Rate : (Yearly)	Issue Date :	Mortgage Details :	Guarantor Name :	Address:	Contact No :	Action :
1	Home Loan	200000	15	Fixed	11.00	05-01-2013	Home Paper	Patel Sanket Maheshbhai	Patan	9878251465	<input type="checkbox"/>
2	Personal Loan	150000	12	Float	20.00	01-04-2013	Property	Patel Amit Vijaybhai	Thara	9878256315	<input type="checkbox"/>

Add Change Delete

copyrights 2014. www.saharaloan.com. All rights reserved.

This form shows about loan details

Loan details

The screenshot displays a web-based loan application system. At the top, a navigation bar offers links to HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT, and REPORTS. On the left, a sidebar titled "Menu List" provides access to Change Password, Customer Loan Application, Loan Rate, and Log out. The main content area is titled "Loan Details" and contains two sections: "Loan Details" and "Guarantor Details". The "Loan Details" section includes fields for Customer ID (with a "Find ID" button), Loan Type (dropdown menu), Loan Amount, Loan Tenure (In Month), Interest Type (dropdown menu), Interest Rate (Yearly), and Issue Date. The "Guarantor Details" section includes fields for Guarantor Name, Address, and Contact No, along with "Insert" and "Cancel" buttons. At the bottom, a copyright notice reads "copyrights 2014. www.saharaloan.com. All rights reserved."

This form shows clicking on Find ID button to find customer id

Loan details

The screenshot shows a web browser window with the URL www.saharaloan.com in the address bar, but the content is from localhost:8085/LMS/FindServlet. The page title is "Sahara Company". The main menu includes links for HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT, and REPORTS. On the left, there is a "Menu List" sidebar with links for Change Password, Customer Loan Application, and Loan Rate, along with a Log out option. The main content area is titled "Customer Details" and features a search form with a text input "Enter Customer Name:" and a "View" button. Below the search form is a table displaying customer information:

C ID:	Customer Name :	PAN No.:	Gender :	City :	Address :	Mobile No.:	Work Phone No.:	Email ID :	Date of Birth :	Status :
4	Patel Mayank Pareshbhai	ADCB3241F	Male	Patan	Near Gayatri Temple,Krishna Flate,F-105	8787256458	7856142565	02- 02- 1984	pmp@ymail.com	Active

At the bottom of the page, there is a footer with the text "copyrights 2014. www.saharaloan.com. All rights reserved." and an "ok" button.

This form shows find customer id by name wise

EMI details

The screenshot shows a web browser window with two tabs open, both displaying 'www.saharaloan.com'. The active tab is titled 'localhost:8085/LMS/A_EMI_Calculation.jsp'. The page has a dark blue header bar with navigation links: HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION (which is highlighted in grey), RECEIVE PAYMENT, and REPORTS. On the left side, there is a sidebar with a black header 'Menu List' containing links: Change Password, Customer Loan Application, Loan Rate, and Log out. The main content area is titled 'EMI Calculation' and contains a form with the placeholder text 'Enter Value'. The form includes input fields for 'Loan Ammount' (50000), 'Loan tenure in months' (06), and 'Annual interest rate' (22.00). Below these fields is a button labeled 'Calculate'. Further down, there are four empty input fields labeled 'Customer ID', 'EMI Ammount', 'Interest Ammount', and 'Total Ammount'. At the bottom of this section are 'Insert' and 'Delete' buttons. Below the form is a table with columns: Customer ID, EMI Amount, Interest Amount, Total Amount, and Action. The table contains three rows of data:

Customer ID :	EMI Amount :	Interest Amount :	Total Amount :	Action :
1	14332.0	14979.0	214979.0	<input type="checkbox"/>
2	13895.0	16742.0	166742.0	<input type="checkbox"/>
3	21113.0	5567.0	105567.0	<input type="checkbox"/>

At the bottom of the page, a copyright notice reads 'copyrights 2014. www.saharaloan.com. All rights reserved.'

This form shows about clicking on Calculate button

EMI details

The screenshot shows a web application interface for calculating EMI (Equated Monthly Installment). The application is running on a local host at port 8085, specifically on the URL localhost:8085/LMS/EMI_Servlet. The browser tabs show the same URL.

The top navigation bar includes links for HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION (which is the active tab), RECEIVE PAYMENT, and REPORTS.

The left sidebar contains a "Menu List" with options: Change Password, Customer Loan Application, Loan Rate, and Log out.

The main content area is titled "EMI Calculation". It features a form with input fields for "Loan Amount", "Loan tenure in months", "Annual interest rate", and a "Calculate" button. Below this, there is a table showing calculated values for a customer with ID 4: EMI Ammount (8876.0), Interest Ammount (3257.0), and Total Ammount (53257.0). There are also "Insert" and "Delete" buttons.

At the bottom of the page, there is a footer with the copyright notice: "copyrights 2014. www.saharaloan.com. All rights reserved."

Customer ID :	EMI Amount :	Interest Amount :	Total Amount :	Action :
1	14332.0	14979.0	214979.0	<input type="checkbox"/>
2	13895.0	16742.0	166742.0	<input type="checkbox"/>
3	21113.0	5567.0	105567.0	<input type="checkbox"/>

This form shows about clicking on Insert button

EMI details

The screenshot shows a web browser window with two tabs open, both displaying 'www.saharaloan.com'. The active tab is titled 'localhost:8085/LMS/A_EMI_Calculation.jsp'. The page has a dark blue header with navigation links: HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION (which is highlighted in grey), RECEIVE PAYMENT, and REPORTS. On the left, there's a sidebar with a 'Menu List' containing links: Change Password, Customer Loan Application, Loan Rate, and Log out. The main content area is titled 'EMI Calculation' and contains a form labeled 'Enter Value'. It includes input fields for 'Loan Ammount', 'Loan tenure in months', 'Annual interest rate', and a 'Calculate' button. Below this are fields for 'Customer ID', 'EMI Ammount', 'Interest Ammount', and 'Total Ammount', each with an associated input field. At the bottom of this section are 'Insert' and 'Delete' buttons. A table below the form displays data with columns: Customer ID, EMI Amount, Interest Amount, Total Amount, and Action. The table contains four rows of data. At the very bottom of the page, a copyright notice reads 'copyrights 2014. www.saharaloan.com. All rights reserved.'

Customer ID :	EMI Amount :	Interest Amount :	Total Amount :	Action :
1	14332.0	14979.0	214979.0	<input type="checkbox"/>
2	13895.0	16742.0	166742.0	<input type="checkbox"/>
3	21113.0	5567.0	105567.0	<input type="checkbox"/>
4	8876.0	3257.0	53257.0	<input type="checkbox"/>

This form shows about successfully inserted EMI details

Receive payment details

The screenshot shows a web-based application interface for managing loan payments. The title of the application is "Sahara Company". The main menu includes links for HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT (which is currently selected), and REPORTS. On the left side, there is a sidebar with a "Menu List" containing links for Change Password, Customer Loan Application, Loan Rate, and Log out. The main content area is titled "Receive Payment" and displays a table of payment records. The table has columns for Receipt No., Customer ID, No of Payment, Receipt Date, EMI Date, EMI Ammount, Late fine charge, Total Ammount, and Action. There are four rows of data in the table, each corresponding to a receipt number from 1 to 4. At the bottom of the table, there are four buttons: Add, Change, Delete, and Search.

Receipt No:	Customer ID:	No of Payment:	Receipt Date:	EMI Date :	EMI Ammount :	Late fine charge :	Total Ammount :	Action :
1	1	1	05-02-2013	05-02-2013	14332.0	0.0	14332.0	<input type="button" value=""/>
2	1	2	10-03-2013	05-03-2013	14332.0	100.0	14432.0	<input type="button" value=""/>
3	1	3	05-04-2013	05-04-2013	14332.0	0.0	14332.0	<input type="button" value=""/>
4	1	4	05-05-2013	05-05-2013	14332.0	0.0	14332.0	<input type="button" value=""/>

copyrights 2014. www.saharaloan.com. All rights reserved.

This form shows about payment details of EMI

Received payment details

The screenshot shows a web browser window with the URL www.saharaloan.com in the address bar, but the content is from localhost:8085/LMS/A_Paid_EMI_Servlet. The page title is "Sahara Company". The main menu includes HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT, and REPORTS. On the left, there is a "Menu List" sidebar with links for Change Password, Customer Loan Application, Loan Rate, and Log out. The main content area is titled "Received Payment Details" and contains a form with an input field for "Enter Customer ID:" and a "View" button. Below the form is a table showing payment history:

Receipt No:	No.of payment:	Receipt Date:	EMI Date:	EMI Ammount:	Late fine charge:	Total Ammount:
1	1	05-02-2013	05-02-2013	14332.0	0.0	14332.0
2	2	10-03-2013	05-03-2013	14332.0	100.0	14432.0
3	3	05-04-2013	05-04-2013	14332.0	0.0	14332.0
4	4	05-05-2013	05-05-2013	14332.0	0.0	14332.0
...

At the bottom, a copyright notice reads "copyrights 2014. www.saharaloan.com. All rights reserved."

This form shows about how many times payment of EMI is received of customer

Receive payment details

The screenshot shows a web application for "Sahara Com" on a local host. The main page has a navigation bar with links for HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT, and REPORTS. A modal dialog box is displayed, stating: "The page at localhost:8085 says: Please enter empty value in fine charge if not require" with an "OK" button. Below the dialog, the "RECEIVE PAYMENT" section is visible, featuring a "Receipt Details" form. The form fields are as follows:

Customer ID :	4	Search EMI
No of Payment :	3	
Receipt Date :	10-04-2014	
EMI Date :	10-04-2014	
EMI Ammount :	8876	
Late Fine Charge :		
Total Amount :	8876	

At the bottom of the form are two buttons: "Insert" and "Cancel". The footer of the page includes the copyright notice: "copyrights 2014. www.saharaloan.com. All rights reserved."

This form shows about validation which require to insert empty value

Receive payment details

The screenshot shows a web browser window with the URL localhost:8085/LMS/A_ReceiveEMI_I.jsp. The page is titled "Sahara Company" and features a blue globe graphic. A navigation bar at the top includes links for HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT, and REPORTS. On the left, a sidebar titled "Menu List" contains links for Change Password, Customer Loan Application, Loan Rate, and Log out. The main content area is titled "Receive Payment" and contains a form titled "Receipt Details". The form fields are as follows:

Customer ID :	<input type="text" value="4"/>	<input type="button" value="Search EMI"/>
No of Payment :	<input type="text" value="3"/>	
Receipt Date :	<input type="text" value="10-04-2014"/>	
EMI Date :	<input type="text" value="10-04-2014"/>	
EMI Ammount :	<input type="text" value="8876"/>	
Late Fine Charge :	<input type="text" value="100"/>	
Total Amount :	<input type="text" value="8976"/>	

At the bottom of the form are two buttons: "Insert" (highlighted in blue) and "Cancel".

At the very bottom of the page, a copyright notice reads: "copyrights 2014. www.saharaloan.com. All rights reserved."

This form shows about clicking on Insert button

Receive payment details

The screenshot shows a web browser window for the 'Sahara Company' website. The URL in the address bar is 'localhost:8085/LMS/A_Receive%20EMI.jsp'. The main content area is titled 'Receive Payment' and contains a table with the following data:

ID	Customer ID	Loan ID	Payment Date	Due Date	Amount	Interest	Total Amount	Action
28	3	1	01-02-2014	01-02-2014	21113.0	0.0	21113.0	<input type="button" value="Edit"/>
29	3	2	06-03-2014	01-03-2014	21113.0	100.0	21213.0	<input type="button" value="Edit"/>
30	3	3	01-04-2014	01-04-2014	21113.0	0.0	21113.0	<input type="button" value="Edit"/>
31	4	1	10-02-2014	10-02-2014	8876.0	0.0	8876.0	<input type="button" value="Edit"/>
32	4	2	14-03-2014	10-03-2014	8876.0	100.0	8976.0	<input type="button" value="Edit"/>
33	4	3	10-04-2014	10-04-2014	8876.0	100.0	8976.0	<input type="button" value="Edit"/>

Below the table are buttons for 'Add', 'Change', 'Delete', and 'Search'. The sidebar on the left is titled 'Menu List' and includes links for 'Change Password', 'Customer Loan Application', 'Loan Rate', and 'Log out'.

This form shows about successfully inserted received payment details

Receive payment details

The screenshot shows a web browser window with the URL localhost:8085/LMS/ReceiveEMIDetailServlet. The page title is "Sahara Company". The menu bar includes links for HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT, and REPORTS. On the left, a sidebar titled "Menu List" contains links for Change Password, Customer Loan Application, Loan Rate, and Log out. The main content area is titled "Receive Payment" and contains a form titled "Receipt Details" with the following fields:

Receipt No :	<input type="text" value="33"/>
Customer ID :	<input type="text" value="4"/>
No of Payment :	<input type="text" value="3"/>
Receipt Date :	<input type="text" value="10-04-2014"/>
EMI Date :	<input type="text" value="10-04-2014"/>
EMI Ammount :	<input type="text" value="8876.0"/>
Late Fine Charge :	<input type="text" value="0"/>
Total Amount :	<input type="text" value="8876"/>

At the bottom of the form are two buttons: "Update" and "Cancel".

At the very bottom of the page, a copyright notice reads: "copyrights 2014. www.saharaloan.com. All rights reserved."

This form shows about updating received payment details

Receive payment details

The screenshot shows a web browser window for the website www.saharaloan.com, specifically the page localhost:8085/LMS/A_Receive%20EMI.jsp. The page has a blue header with the company logo 'Sahara Company' and a globe icon. Below the header is a navigation menu with links: HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT (which is highlighted in grey), and REPORTS. On the left side, there is a sidebar titled 'Menu List' containing links for Change Password, Customer Loan Application, Loan Rate, and Log out. The main content area is titled 'Receive Payment' and displays a table of payment records. The table has columns for ID, Customer ID, Transaction ID, Date Received, Date Entered, Amount, and Status. The data is as follows:

ID	Customer ID	Transaction ID	Date Received	Date Entered	Amount	Status	Action
28	3	1	01-02-2014	01-02-2014	21113.0	0.0	21113.0
29	3	2	06-03-2014	01-03-2014	21113.0	100.0	21213.0
30	3	3	01-04-2014	01-04-2014	21113.0	0.0	21113.0
31	4	1	10-02-2014	10-02-2014	8876.0	0.0	8876.0
32	4	2	14-03-2014	10-03-2014	8876.0	100.0	8976.0
33	4	3	10-04-2014	10-04-2014	8876.0	0.0	8876.0

Below the table are buttons for Add, Change, Delete, and Search. At the bottom of the page, a copyright notice reads: 'copyrights 2014. www.saharaloan.com. All rights reserved.'

This form shows about successfully updated received payment details

VISITOR SIDE

Home page



This form shows about home page at visitor side

Applying loan application details

The screenshot shows a web browser window with the URL www.saharaloan.com and the page localhost:8085/LMS/V_Loan%20Application.jsp. The browser has tabs for Home, Apply Online, About Us, and Contact Us.

The main content area displays a loan application form. The fields filled are:

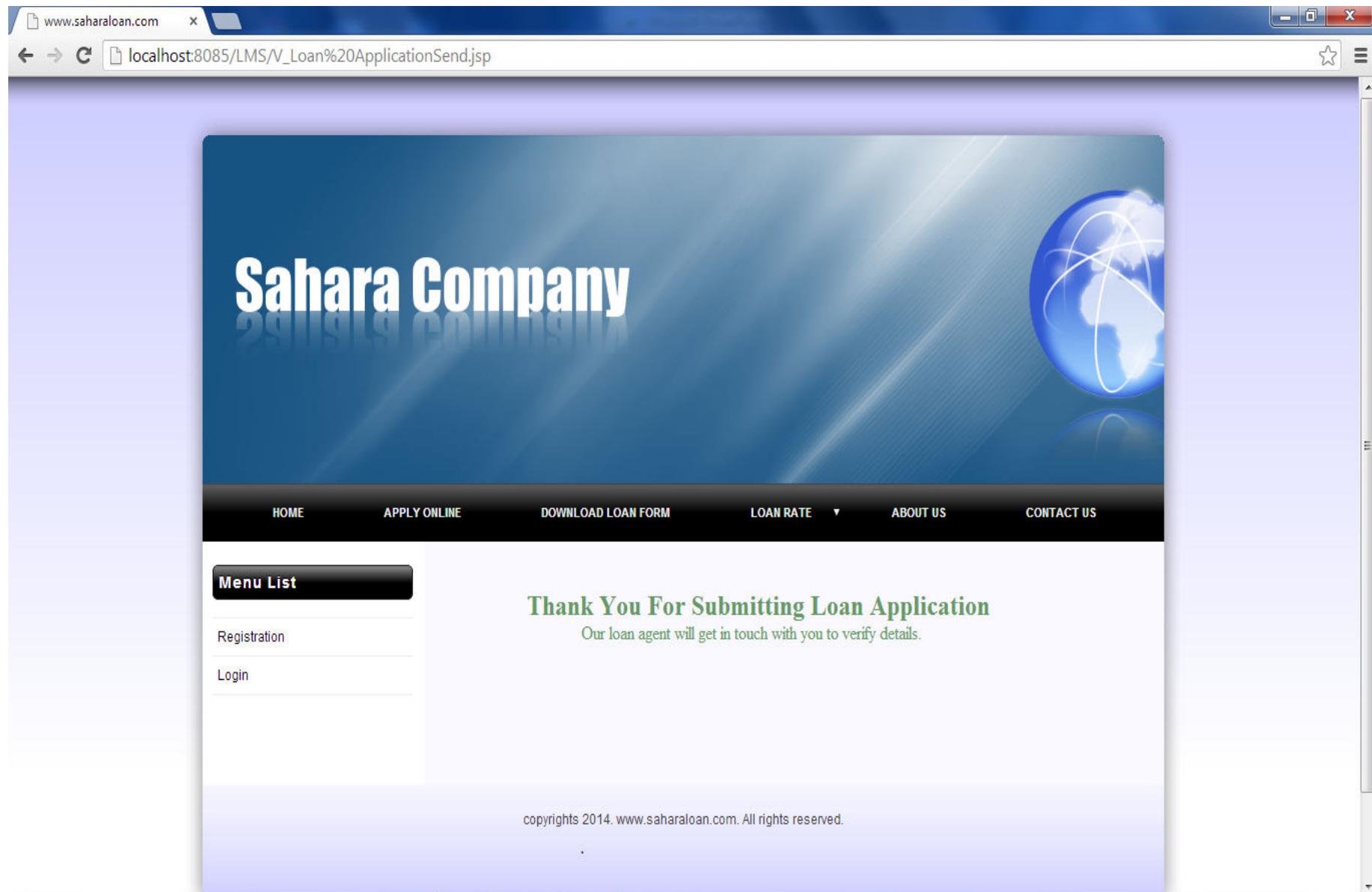
- Loan Type: Home Loan
- Loan Amount: 300000
- Customer Name: Patel Sandip Bhaveshbhai
- Monthly Income: 20000
- Gender: Male (radio button selected)
- Age: 29
- Address: Radhanpur,
Nr Club House,
Bhakti Park Society
- Mobile No.: 9878256584
- Work Phone: 7825654885
- Email ID: psb@gmail

An error message box is displayed in the center of the screen, stating "The page at localhost:8085 says: You have entered an invalid email address!" with an "OK" button.

At the bottom of the page, there is a copyright notice: "copyrights 2014. www.saharaloan.com. All rights reserved."

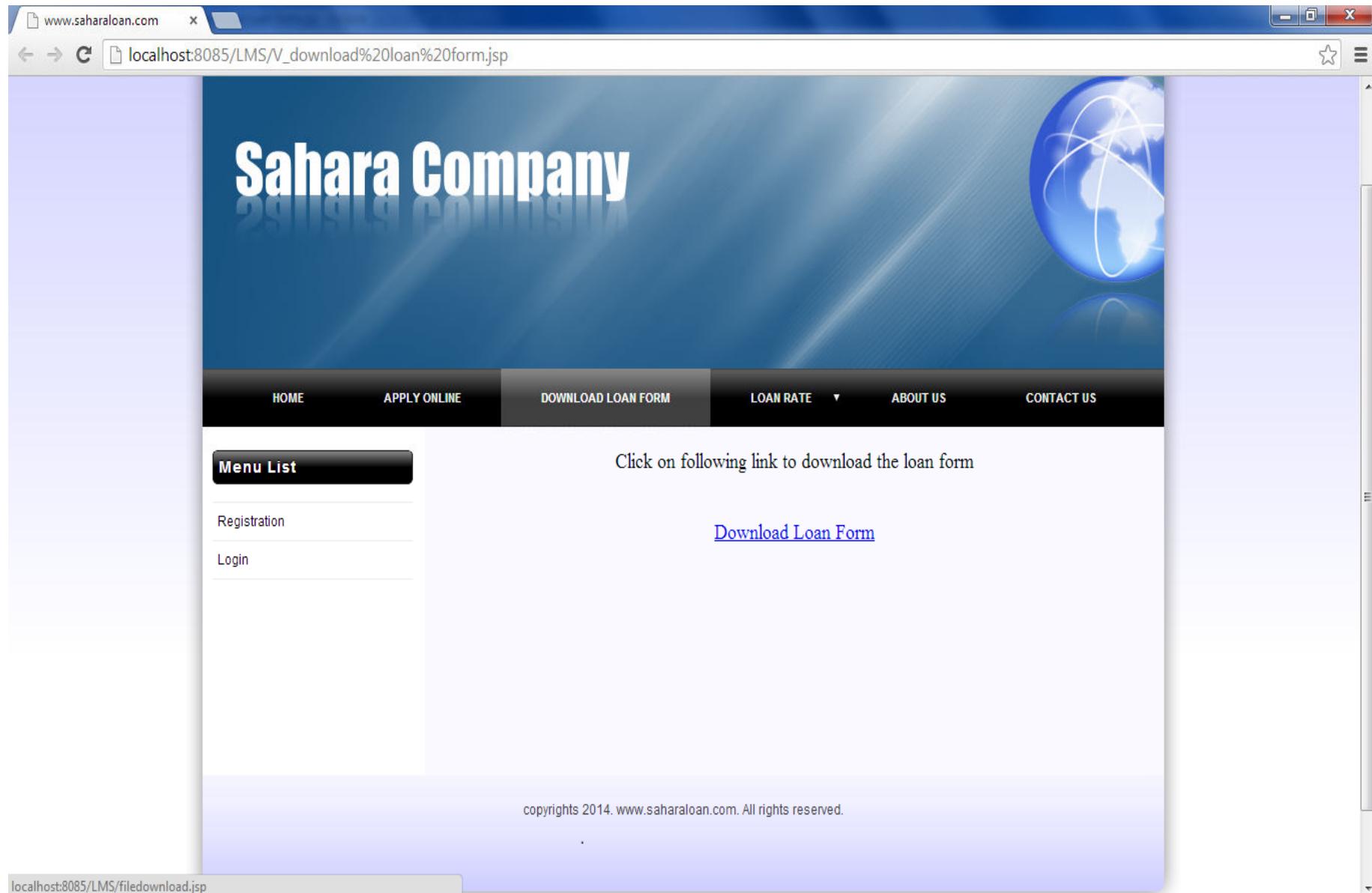
This form shows about validation of entered invalid email address

Applying loan application details



This form shows after submitted loan application successfully

Download Loan form details



This form shows about clicking on the link of Download Loan Form

Downloaded Loan form details

LOAN APPLICATION FORM

Customer Detail:

Customer Name: _____

Pan Card No: _____

Gender: Male Female

City: _____

Address: _____

Mobile No: _____ DOB: ____/____/____

Email ID: _____

Loan Detail:

Loan Type: Home Gold Personal Vehicles

Loan Amount: _____

Loan rate details

The screenshot shows a web browser window with the URL localhost:8085/LMS/V_Loan%20Rate.jsp. The page has a blue header with the company logo 'Sahara Company' and a globe icon. A black navigation bar at the top includes links for HOME, APPLY ONLINE, DOWNLOAD LOAN FORM, LOAN RATE (with a dropdown arrow), ABOUT US, and CONTACT US. On the left, a sidebar titled 'Menu List' contains links for Registration and Login. The main content area is titled 'Loan rate as per loan' and 'Fixed Rate'. It displays a table with four rows of data:

Loan Type:	Duration:	Interest Rate(%):
Home Loan	1 to 5 Year	11.0
Gold Loan	1 to 5 Year	15.0
Personal Loan	1 to 5 Year	16.0
Vehicle Loan	1 to 5 Year	18.0

At the bottom, a copyright notice reads 'copyrights 2014. www.saharaloan.com. All rights reserved.'

This form shows about fixed rate details

Loan rate details

The screenshot shows a web browser window with the address bar displaying "localhost:8085/LMS/V_Loan%20Rate_float.jsp". The page header features a blue background with the text "Sahara Company" and "25 Years Experience". A globe graphic is visible on the right side. The main menu includes links for HOME, APPLY ONLINE, DOWNLOAD LOAN FORM, LOAN RATE (with a dropdown arrow), ABOUT US, and CONTACT US. On the left, there is a sidebar titled "Menu List" containing links for Registration and Login. The central content area is titled "Loan rate as per loan" and "Float Rate". It contains a table with four rows of data:

Loan Type:	Duration:	Interest Rate(%):
Home Loan	For 1 Year	12.5
Gold Loan	For 1 Year	22.0
Personal Loan	For 1 Year	20.0

At the bottom of the page, a copyright notice reads "copyrights 2014. www.saharaloan.com. All rights reserved."

This form shows about float rate details

About us

The screenshot shows a Mozilla Firefox browser window with the title bar "www.saharaloan.com - Mozilla Firefox". The address bar displays "localhost:8080/LMS/About us.jsp". The main content area features a blue background with a globe graphic and the text "Sahara Company". A black navigation bar at the top includes links for HOME, APPLY ONLINE, DOWNLOAD LOAN FORM, LOAN RATE, ABOUT US (which is selected), and CONTACT US. On the left, a sidebar titled "Menu List" offers links for Registration and Login. The central content area welcomes visitors to the company and describes its services, mentioning it began operations in January 2013 and provides loans to suit individual needs. It encourages users to apply online. The footer contains copyright information and a standard Windows taskbar at the bottom.

www.saharaloan.com - Mozilla Firefox

File Edit View History Bookmarks Tools Help

www.saharaloan.com

localhost:8080/LMS/About us.jsp

Google

Sahara Company

HOME APPLY ONLINE DOWNLOAD LOAN FORM LOAN RATE ABOUT US CONTACT US

Menu List

Registration

Login

Welcome to the Sahara Company.

This company is involved in business of providing different type of loan since January 2013. We are reliable mortgage company will allow a borrower to get a loan that perfectly suits his needs and financial condition. Our mission is to provide progressive and superior financial solutions to make you feel at ease. Consequently we know what is required to get the best result in the quickest possible time. Our loan officers are available to take appointments at a time that is most convenient for you. Contact us or fill this [Online Loan Application Form](#) and we get back to you as soon as possible.

Thank you so much for visiting Sahara Company.

copyrights 2014. www.saharaloan.com. All rights reserved.

12:16 PM
11/20/2014

This form shows details about of a Sahara company

Contact us

The screenshot shows a Firefox browser window with the title bar "www.saharaloan.com - Mozilla Firefox". The address bar displays "localhost:8080/LMS/Contact us.jsp". The main content area features a blue background with the text "Sahara Company" in large white letters. To the right is a globe icon. Below this is a navigation menu with links: HOME, APPLY ONLINE, DOWNLOAD LOAN FORM, LOAN RATE (dropdown), ABOUT US, and CONTACT US. On the left, there is a sidebar titled "Menu List" with links for Registration and Login. The main content area contains contact information: "Postal Address : Sahara Company, APMC, Thara - 385 555.", "Mobile No: 9429528249", "Email ID: neelmscit@gmail.com", and "Web: <http://www.saharaloan.com>". At the bottom, it says "copyrights 2014. www.saharaloan.com. All rights reserved." The taskbar at the bottom of the screen shows various application icons and the system clock "12:17 PM 11/20/2014".

This form shows contact details of a Sahara company

CUSTOMER SIDE

Registration details

The page at localhost:8085 says:
You have entered an invalid email address!

OK

Customer Registration

Full Name :	Soni Bhavesh Maheshbha
User Name :	Bhavesh
Password :	*****
Mobile No. :	9779256584
Email ID :	sbm@gmail.com

Submit Cancel

copyrights 2014. www.saharaloan.com. All rights reserved.

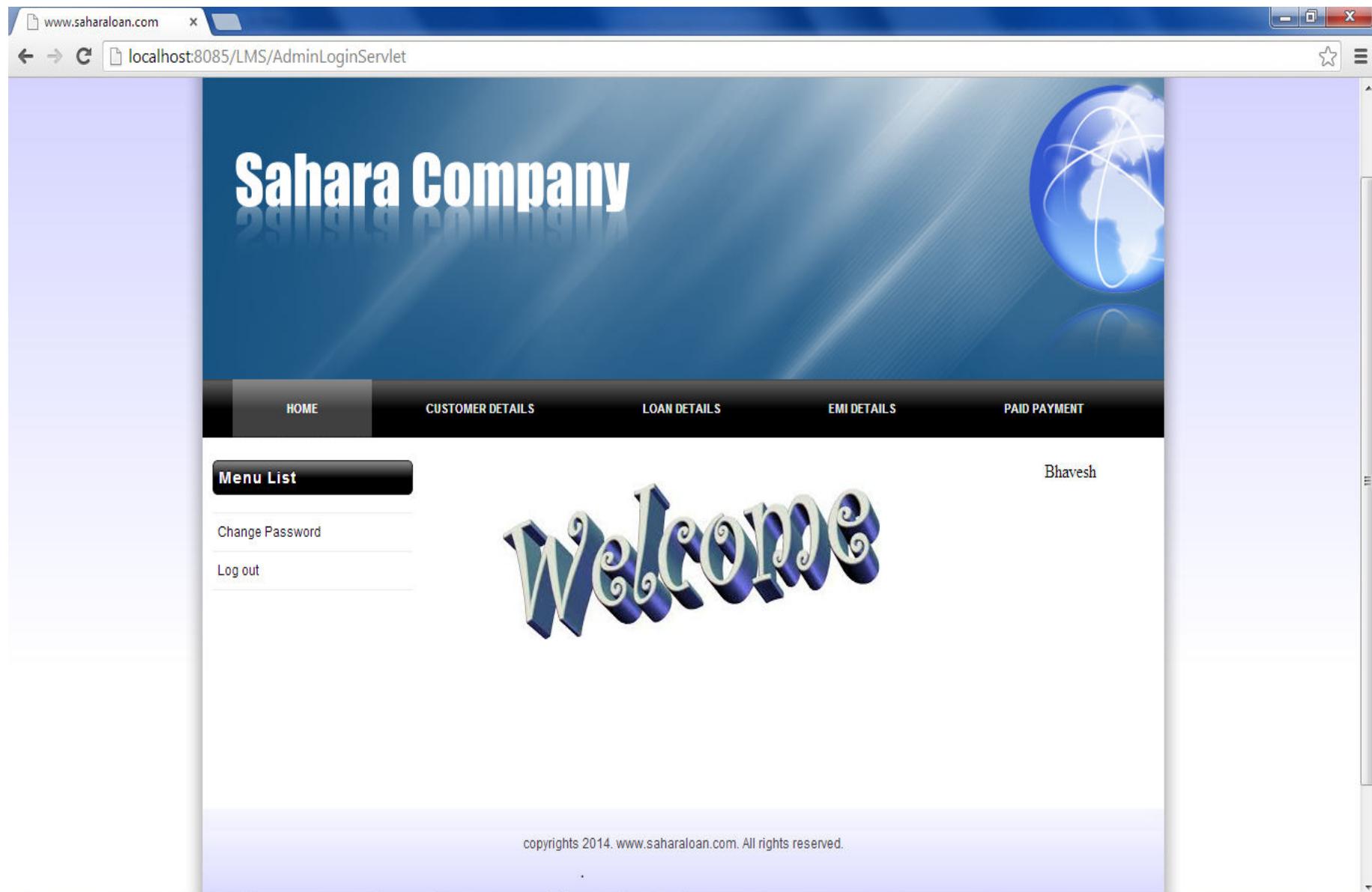
This form shows about validation for entering invalid email

Login details

The screenshot shows a web browser window with the address bar displaying "www.saharaloan.com" and "localhost:8085/LMS/login.jsp". The main content area features a large blue globe graphic and the text "Sahara Company". A black navigation bar at the top includes links for "HOME", "APPLY ONLINE", "DOWNLOAD LOAN FORM", "LOAN RATE", "ABOUT US", and "CONTACT US". On the left, a sidebar titled "Menu List" offers "Registration" and "Login" options. The central area is titled "Customer Log in" and contains a form with fields for "User Name" (Bhavesh) and "Password" (*****). It includes "Log in" and "Cancel" buttons. At the bottom, a copyright notice reads "copyrights 2014. www.saharaloan.com. All rights reserved."

This form shows about login details

Home Page



This form shows about home page of customer

Customer details

The screenshot shows a web application window titled "Customer Details". The URL in the address bar is "localhost:8085/LMS/C_Find_Servlet". The page has a dark blue header with a globe icon and a navigation menu at the top. The menu items are "HOME", "CUSTOMER DETAILS", "LOAN DETAILS", "EMI DETAILS", and "PAID PAYMENT". On the left side, there is a sidebar with a "Menu List" containing "Change Password" and "Log out" options. The main content area is titled "Customer Details" and contains a search form. The search form includes a label "Enter Customer ID :" followed by an input field and a "View" button. Below the search form is a table displaying customer information. The table has columns for Customer ID, Customer Name, PAN No., Gender, City, Address, Mobile No., Work Phone No., Email ID, Date of Birth, and Status. One row of data is shown, corresponding to the customer ID 1.

Customer ID:	Customer Name :	PAN No.:	Gender :	City :	Address :	Mobile No.:	Work Phone No.:	Email ID :	Date of Birth :	Status :
1	Soni Bhavesh Maheshbhai	ABCD1234F	Male	Patan	Near Bus-Stand, Sai Society	9797254565	8754254145	sbm@gmai.com	11-03-1987	Active

copyrights 2014. www.saharaloan.com. All rights reserved.

This form shows about searching customer details

Loan details

The screenshot shows a web browser window with the URL www.saharaloan.com in the address bar, but the content is from localhost:8085/LMS/L_Find_Servlet. The page title is "Sahara Company". The main content area is titled "Loan Details". On the left, there is a "Menu List" sidebar with links for "Change Password" and "Log out". The main form has a search field "Enter Customer ID : View". Below it is a table displaying loan details:

Customer ID :	Loan ID :	Loan Type :	Loan Ammount :	Loan Tenure : (In Month)	Interest Type :	Interest Rate : (Yearly)	Issue Date :	Mortgage Details :	Guarantor Name :	Address:	Contact No :
1	1	Home Loan	200000	15	Fixed	11.00	05-01-2013	Home Paper	Patel Sanket Maheshbhai	Patan	9878251465

At the bottom, a copyright notice reads "copyrights 2014. www.saharaloan.com. All rights reserved."

This form shows about loan details

EMI details

The screenshot shows a web browser window with the URL www.saharaloan.com in the address bar, but the content is from localhost:8085/LMS/C_EMI_Find_Servlet. The page title is "Sahara Company". The main menu includes links for HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI DETAILS (which is highlighted), and PAID PAYMENT. On the left, there is a "Menu List" sidebar with links for Change Password and Log out. The main content area is titled "EMI Details" and contains a form where users can "Enter Customer ID:" followed by a "View" button. Below this is a table showing EMI details for Customer ID 1. The table has four columns: Customer ID, EMI Amount, Interest Amount, and Total Amount. The data is as follows:

Customer ID:	EMI Amount :	Interest Amount :	Total Amount :
1	14332.0	14979.0	214979.0

At the bottom of the page, a copyright notice reads "copyrights 2014. www.saharaloan.com. All rights reserved."

This form shows about EMI details

Paid EMI details

The screenshot shows a web browser window with the URL www.saharaloan.com in the address bar, but the content is from localhost:8085/LMS/C_Paid_EMI_Servlet. The page title is "Paid EMI Details". The header features the "Sahara Company" logo with a globe icon. A navigation menu at the top includes links for HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI DETAILS, and PAID PAYMENT. On the left, a sidebar titled "Menu List" offers options like Change Password and Log out. The main content area displays a table of Paid EMI Details for Customer ID 1, with three rows of data. At the bottom, a copyright notice reads "copyrights 2014. www.saharaloan.com. All rights reserved."

No. of Payment:	Receipt Date:	EMI Date:	EMI Ammount:	Late fine charge:	Total Ammount:
1	10-02-2014	10-02-2014	8876.0	0.0	8876.0
2	14-03-2014	10-03-2014	8876.0	100.0	8976.0
3	10-04-2014	10-04-2014	8876.0	0.0	8876.0

This form shows about clicking on View button

OUTPUT DESIGN

Customer Report

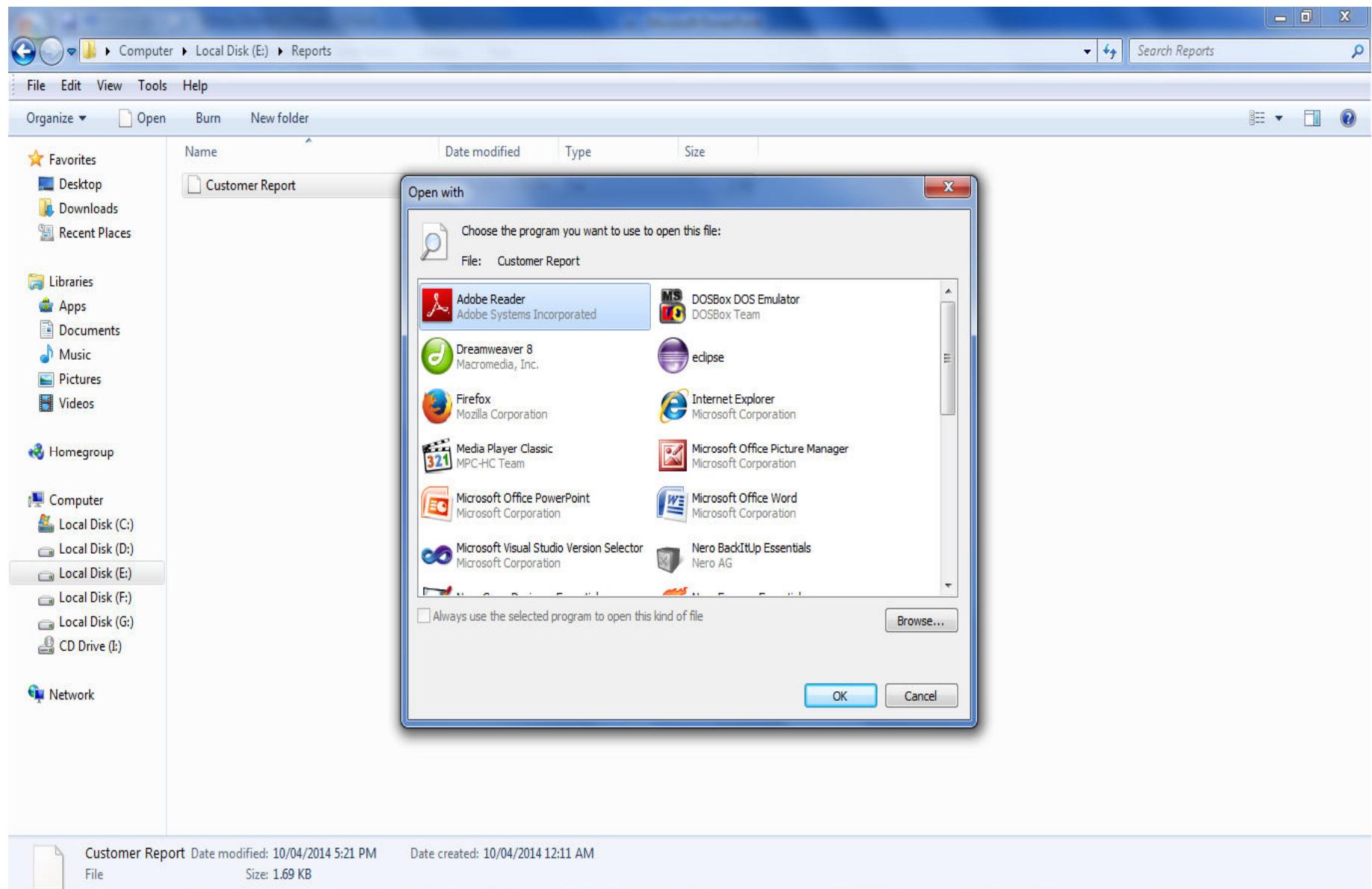
The screenshot shows a web-based application interface for managing customer payments. The title of the application is "Sahara Company". The main menu includes links for HOME, CUSTOMER DETAILS, LOAN DETAILS, EMI CALCULATION, RECEIVE PAYMENT, and REPORTS. The RECEIVE PAYMENT section is currently active. On the left, there is a sidebar with a "Menu List" containing links for Change Password, Customer Loan Application, and Log out. The main content area displays a table titled "Receive Payment" showing a list of received EMIs. The table columns include Receipt No., Customer ID, No of Payment, Receipt Date, EMI Date, EMI Ammount, Late fine charge, and RECEIVED EMI. There are four entries in the table:

Receipt No:	Customer ID:	No of Payment:	Receipt Date:	EMI Date :	EMI Ammount	Late fine charge :	RECEIVED EMI
1	1	1	05-02-2013	05-02-2013	14332.0	0.0	<input type="checkbox"/>
2	1	2	10-03-2013	05-03-2013	14332.0	100.0	14432.0 <input type="checkbox"/>
3	1	3	05-04-2013	05-04-2013	14332.0	0.0	14332.0 <input type="checkbox"/>
4	1	4	05-05-2013	05-05-2013	14332.0	0.0	14332.0 <input type="checkbox"/>

Below the table are buttons for Add, Change, Delete, and Search. The footer of the page contains the copyright information: "copyrights 2014, www.saharaloan.com. All rights reserved."

This form shows about generating report of all the customer details

Customer Report



generated report of all the customer details can view in pdf format

Customer Report

The screenshot shows a PDF document titled "Customer Details Report" created by "Customer Report". The document contains customer details for two customers, ID 1 and ID 2. Customer ID 1 has a CName of "Soni Bhavesh Maheshbhai", PAN No "ABCD1234F", Gender "Male", City "Patan", Address "Near Bus-Stand, Sai Society", Work Phone No "8754254145", DOB "11-03-1987", and Status "Active". Customer ID 2 has a CName of "Shah Kishankumar Rajeshbhai". On the right side of the Adobe Reader interface, there is a sidebar with "Export PDF" options, including a "Convert" button and dropdown menus for "Select PDF File" (Customer Report), "Convert To" (Microsoft Word (*.docx)), and "Recognize Text in English(U.S.)". Other sidebar options include "Create PDF", "Send Files", and "Store Files".

-----CUSTOMER DETAILS REPORT-----

CREATED REPORT

Customer ID ::1
CName ::Soni Bhavesh Maheshbhai
PAN No ::ABCD1234F
Gender ::Male
City ::Patan
Address ::Near Bus-Stand,
Sai Society

Work Phone No ::8754254145
DOB ::11-03-1987
Status ::Active

Customer ID ::2
CName ::Shah Kishankumar Rajeshbhai

view customer report in the pdf format

Loan Details Report

The screenshot shows a PDF document titled "Loan Details Report" open in Adobe Reader. The document contains the following text:

-----LOAN DETAILS REPORT-----
CREATED REPORT

Customer ID ::1
Loan Type ::Home Loan
Loan Tenure ::15
Loan Amount ::200000
Interest Type ::Fixed
Interest Rate ::11.00
Issue Date ::05-01-2013
Mortgsgae Details ::Home Paper
Guarantor Name ::Patel Sanket Maheshbhai
Address ::Patan
Contact No. ::9878251465

Customer ID ::3
Loan Type ::vehicle Loan

On the right side of the interface, there is a sidebar with the following sections:

- Tools
- Sign
- Comment
- Sign In
- Export PDF
- Adobe ExportPDF
- Select PDF File: Loan Details Report (1 file / 2 KB)
- Convert To: Microsoft Word (*.docx)
- Recognize Text in English(U.S.) Change
- Convert
- Create PDF
- Send Files
- Store Files

view all the loan details report in the pdf format

Payment Report

The screenshot shows a PDF document titled "RECEIVED PAYMENT REPORT" created by "REPORT". The document contains two sets of payment details. The first set (Receipt No 31) includes Customer ID 4, 1 payment, Receipt Date 10-02-2014, EMI Date 10-02-2014, EMI Amount 8876.0, Late Fine Charge 0.0, and Total Amount 8876.0. The second set (Receipt No 32) includes Customer ID 4, 2 payments, Receipt Date 14-03-2014, EMI Date 10-03-2014, EMI Amount 8876.0, Late Fine Charge 100.0, and Total Amount 8976.0.

-----RECEIVED PAYMENT REPORT-----

CREATED REPORT

Receipt No :: 31
Customer ID :: 4
No. of Payment :: 1
Receipt Date :: 10-02-2014
EMI Date :: 10-02-2014
EMI Amount :: 8876.0
Late Fine Charge :: 0.0
Total Amount :: 8876.0

Receipt No :: 32
Customer ID :: 4
No. of Payment :: 2
Receipt Date :: 14-03-2014
EMI Date :: 10-03-2014
EMI Amount :: 8876.0
Late Fine Charge :: 100.0
Total Amount :: 8976.0

view received payment details report of particular customer in the pdf format

TESTING

No	Test Cases	Case Type	Expected Result	Actual Result	Pass/Fail
1	Admin Login	1.Wrong User Name And Password	The system displays an Error Message, prevents from Login.	The system displays an Error Message “Invalid User Name or Password”, prevents from Login.	Pass
		2. Enter Correct User Name And Password	The system updates Session variables and redirect to home page.	The System Display Home Page for User/Admin.	Pass
2	Admin	1. Company Admin	The System can Redirect the Page.	The System Display All Pages for Admin.	Pass
		2. User Detail	The System can Redirect the Page.	The System display to the all user details.	Pass
		3. User Type Master	The System can Redirect the Page.	The System display to the all user type master	Pass

No	Test Cases	Case Type	Expected Result	Actual Result	Pass/Fail
5	Customer Login	1. Non-Registered User	The System will not allow Non Registered User to Login.	Non-Registered user can not Login.	Fail
		2. Wrong User Name And Password	The system displays an Error Message, prevents from Login.	The system displays an Error Message "Invalid User Name or Password", prevents from Login.	Pass
		3. Enter Correct User Name And Password	The system updates Session variables and redirect to home page.	The System Display Home Page for User/Customer.	Pass
6	Customer Registration	Enter null in mandatory fields	It will not add the detail	It will show message that enter the data.	Pass
		Enter incorrect data	It should not let add the Enter Product.	It will show message that enter the correct data.	Pass
		Enter correct data of all required field	It should let add the Enter Correct Detail .	It will show the message of Add Detail.	Pass
8	Loan Details	Enter customer loan details.	There will not add other detail.	There will provide customer 's loan details.	Pass
9	EMI details	Enter loan amount + Tenure+ rate .	There will not add other detail.	There will provide all calculated EMI details . And also it can be store	Pass
10	Receive payment details	Enter customer's receive EMI payment details.	There will not add other detail.	There will provide customer receive payment details.	Pass

POST IMPLEMENTATION REVIEW

- ✓ After the system is implemented, users and analysts usually conduct a review of the system.
 1. Late delivery of email sometime.
 2. Application's all modules are working fine.
 3. All reviews are very good.

FUTURE ENHANCEMENT

- I will make online EMI payment to company.
- I will also make live chat with the client.
- I will also make live chat with the newsletter mailing system for user.
- I will also add news subscription field.
- Add online transaction.
- Add email facility.
- Add SMS facility.

BIBLIOGRAPHY

Websites :-

- www.javatpoint.com
- www.sun.java.com
- www.javaworld.com
- www.stackoverflow.com

Books :-

- Code Notes for J2EE : Robert McGovern
- Java for the Web with Servlet & JSP : Budi Kurniawan
- Professional Java Server Programming : Cedric Beust et
- Sams Teach Yourself J2EE : Martin Bond
- Java Server Programming Black Book : Kogent Learning Sol.

Thank You