Loan Management System

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Introduction

- As of now, in our busy daily schedule from day to day life it is very difficult to find a proper time for other need of us, and also the limitation of time to visit the particular office and bank or government sector. To reduce the efforts and give solution at one platform.
- the Loan Management system is containing the documents and the various information to provide the consumer. at a single platform for ease and to have all comparative option to look for. Also our project contain to have EMI calculator, documents list required for corresponding loan..

Scope

• The system will be mainly design for large, premium and small car rental business.

 The Loan management system to keep records of both the loan and the users, the loan applied by them as well as the document the provide and verified by the admin.

• The system able to provide the better services to their users from time-to-time.

Technology

We used Java Spring-Boot as backend and React JS as Frontend in our Project.

Spring-Boot:-

The main goal of the **Spring Boot** framework is to reduce overall development time and increase efficiency. React has become the first choice for frontend because it gives developers the ability to work with a virtual browser (more friendly than the real browser). Also, a JavaScript developer can become a productive developer in a few hours because there is a small API to learn, a few functions, and how to use them...

* React :-

React allows developers to create large web applications that can change data, without reloading the page. The main purpose of **React** is to be fast, scalable, and simple. Spring

Modules

Admin Employee (clerk , Investigator)

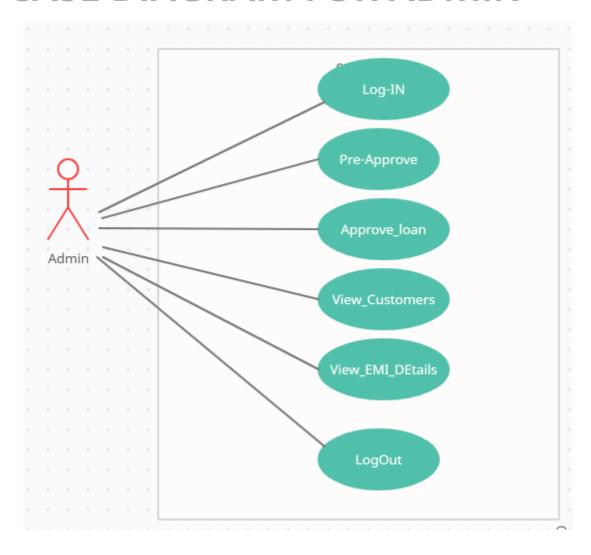
User

ADMIN

After sign up the admin able to view admin Dashboard. After see all the functionality like list of loan applied. Availability in which the admin will be able to view all the loan details the system, admin have authority to approve and the reject the loan application as per the documents provide by them at time of application. Reject the loan from the system, Edit profile make the changes by changing the name passwrd and mob_no, payment history payment and the status of the EMI details.



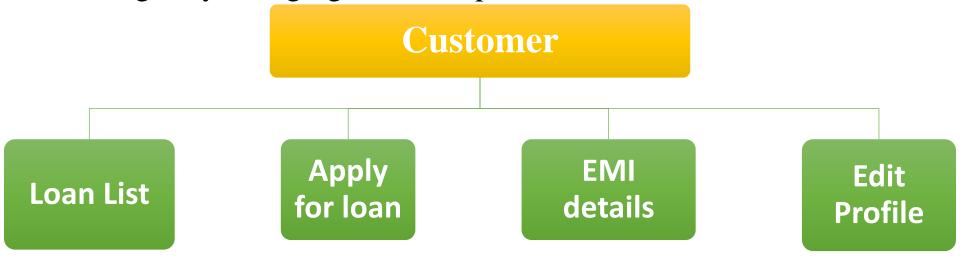
USE CASE DIAGRAM FOR ADMIN



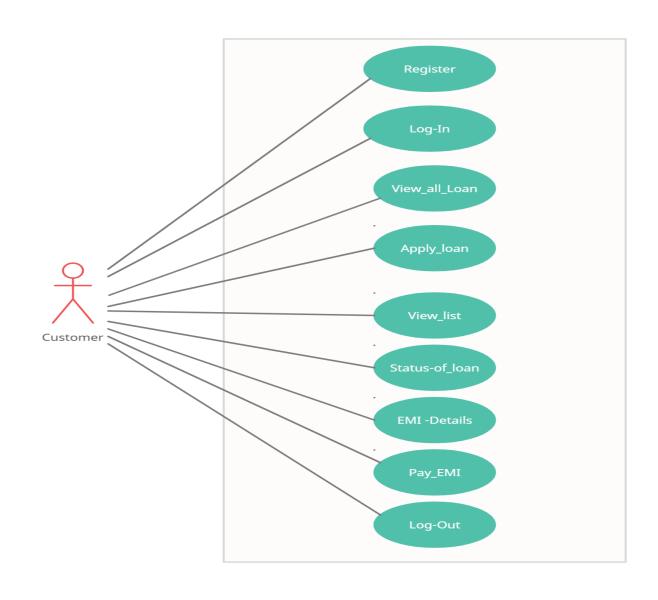
CUSTOMER

To loan management system check Availability of all the loan types view all the approved loan. Applying for various loan, the customer will be able to view to the users approved loan.

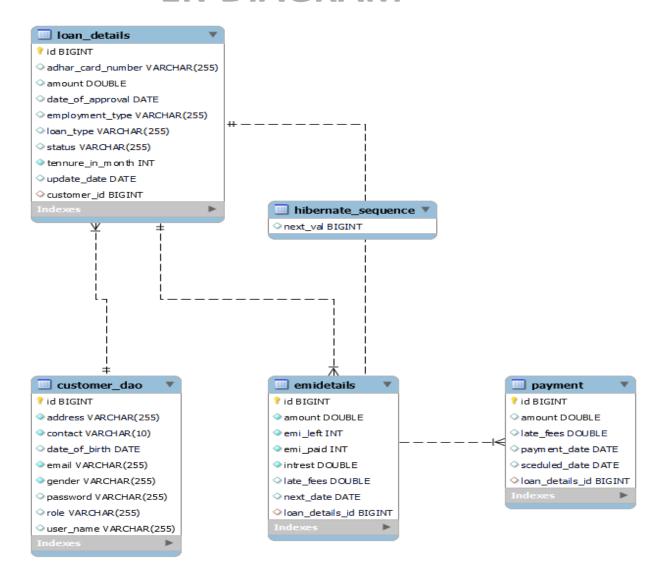
View the details of loan payment and the EMI details, edit profile Customer will be able to make the changes by changing the name password and mobile no.



USE CASE DIAGRAM FOR CUSTOMER



ER-DIAGRAM



DATA FLOW DIAGRAM

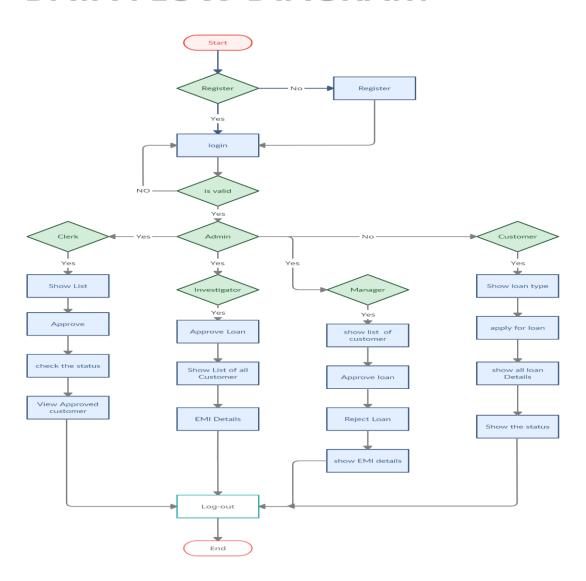


Table 1: Customers

Sr.No	Field Name	Data type(Size)	Constraints	Description
1	id (<i>Primary</i>)	<u>int(</u> 11)	Primary Key	It is store User id
2	address	varchar(225)	Not null	It is store User Address
3		varchar(10)	Not null	It is store contact of User
4	Date_of_bir th	date	Null	It is store date
5	email	varchar(225)	Not null	It is store email
6	gender	varchar (225)	Not Null	It is store gender of customer
7	Password	varchar(225)	Null	It is store password
8	role	varchar (225)	Not Null	It is store role
9	User_name	varchar(225)	Null	It is store user_name

Table 2: emidetails

Sr.N		Data		
<u>o</u>	Field Name	type(Size)	Constraints	Description
1	id (<i>Primary</i>)	bigint(11)	Primary Key	It is store emi id
2	amount	double	Not null	It is store amount of User
3	emi_left	int	Not null	It is store emi left
4	emi_paid	int	Not null	It is store emi_paid
5	intrest	double	Not null	It is store interest
6	Late_fees	double	Null	It is store late fee
7	Next_date	date	Null	It is store next date of emi
8	Loan_details_id	bigint	Null	It is store loan_details_id

Table 3:Loan details

	1	Data		
Sr.	Field Name		Constraints	Description
				D cocription
No				
1	id (Primary)	higint(11)	Primary Key	It is store id
	Adhar_card_nu	Warchar(225)		
2	mber	<u>warr.mart</u> 225)	Null	It is store adharcard number
3	amount	double	double	It is store amount
	Date of appro			
4	val	Date	Null	It is store date of approval
	Employement_t			
5	ype	<u>Warchar(</u> 255)	null	It is store employment type
6	Loan_type	<u>Varchar(</u> 255)	Null	It is store loan type
7	status	Warchar(255)	Null	It is store status of loan
	Tenure_in_mon	Warchar(255)		
8	th	warrhart 255)	Not null	It is store tenure in the month
9	Update_date	date	null	It is store update date
10	Customer_id	bigint	null	It is store customer_id

Table 4: Payment

Sr. No	Field Name	Data type(Size)	Constraints	Description
1	id (Primary)	<u>int(</u> 11)	Primary Key	<u>It store</u> id
2	amount	double	Null	It store Description of amount
3	Late_fees	double	null	<u>It store</u> late_fees
4	Payment_date	date	null	It store payment date
5	Scheduled_date	date	null	It store scheduled date
6	Loan_details_id	bigint	null	It store loan details id

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Table 5:hibernate sequence

Sr. No	Field Name	Data type(Size)	Constraints	Description
1	id (<i>Primary</i>)	bigint(11)	Primary Key	It is store id

APPLY FOR A LOAN ONLINE

Apply for a personal loan, home loan, gold loan, agriculture loan online with us. Get a loan @ lower interest rate. Fast approval online & quick disbursal.



About Us

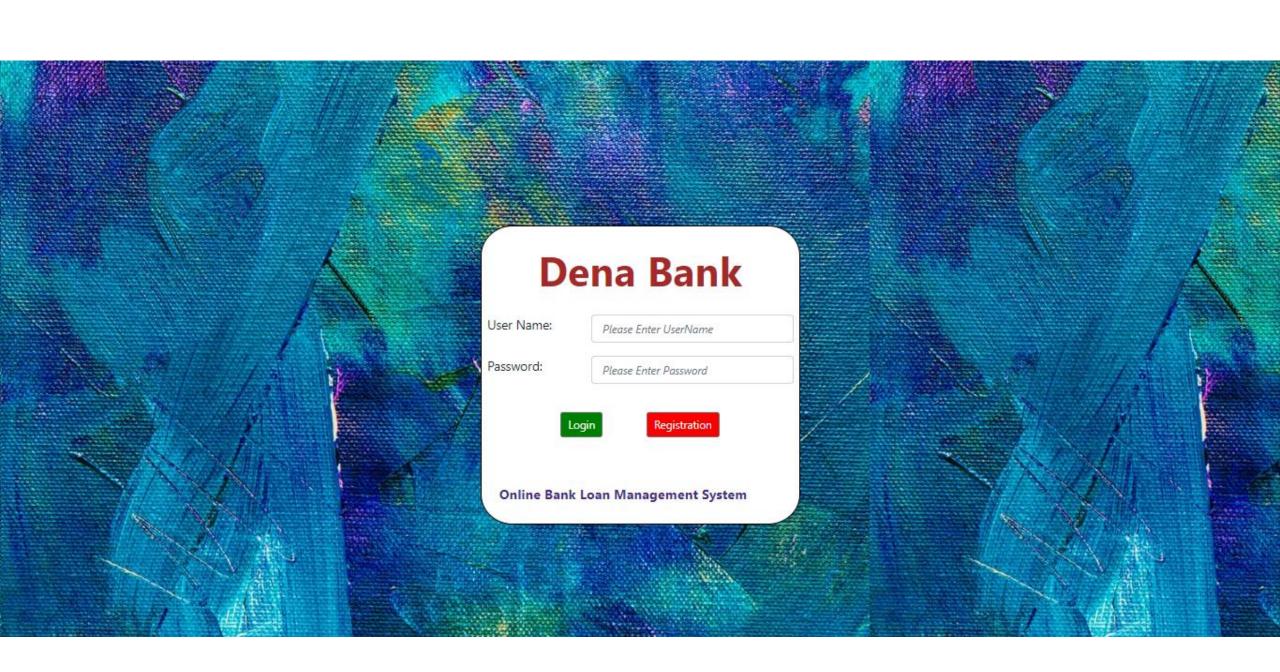
If you are looking for a loan then you can apply online with us and get fast approval on your loan application. We have a team of highly specialised and proficient people who can help you at every step of your loan application and approval journey. You just need to apply using a simple online form given on the website and one of our executive will get back to you soon.

Loan Type & Rate

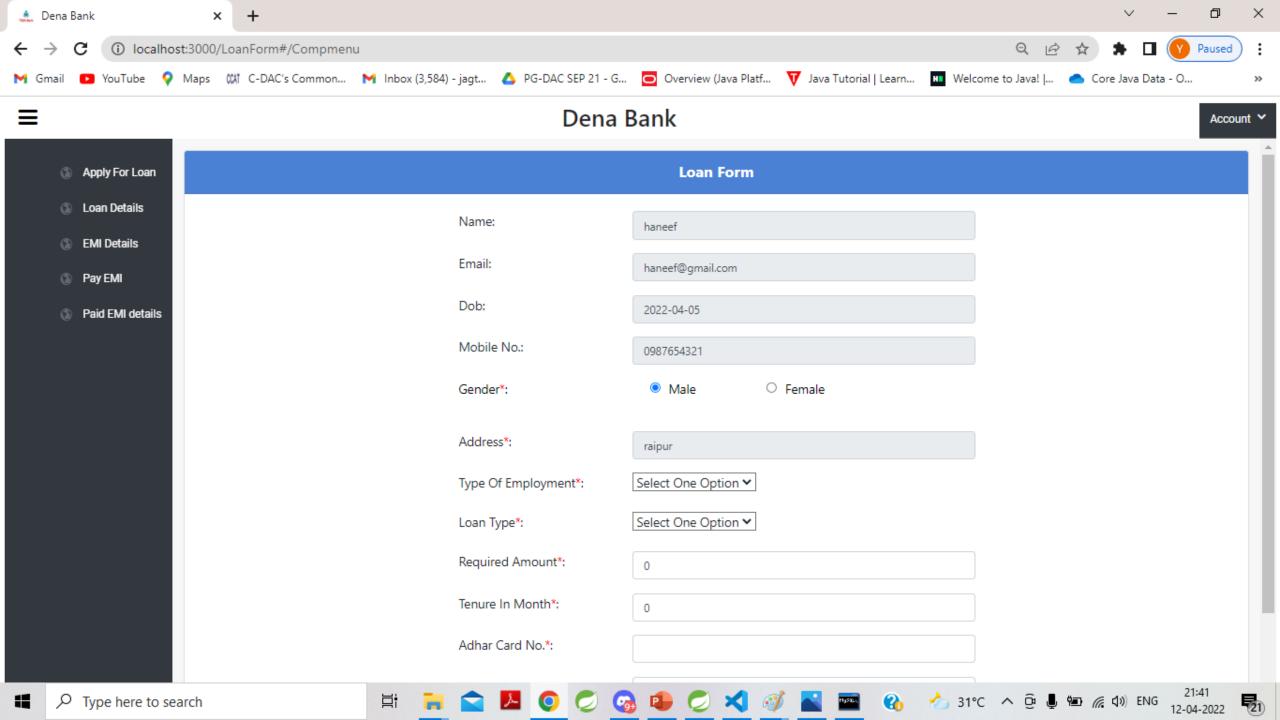
Loan Type	Interest Rate
Personal Loan	9 %
home Loan	8 %
Car Loan	11 %
Agriculture Loan	7 %
Gold Loan	9.5 %

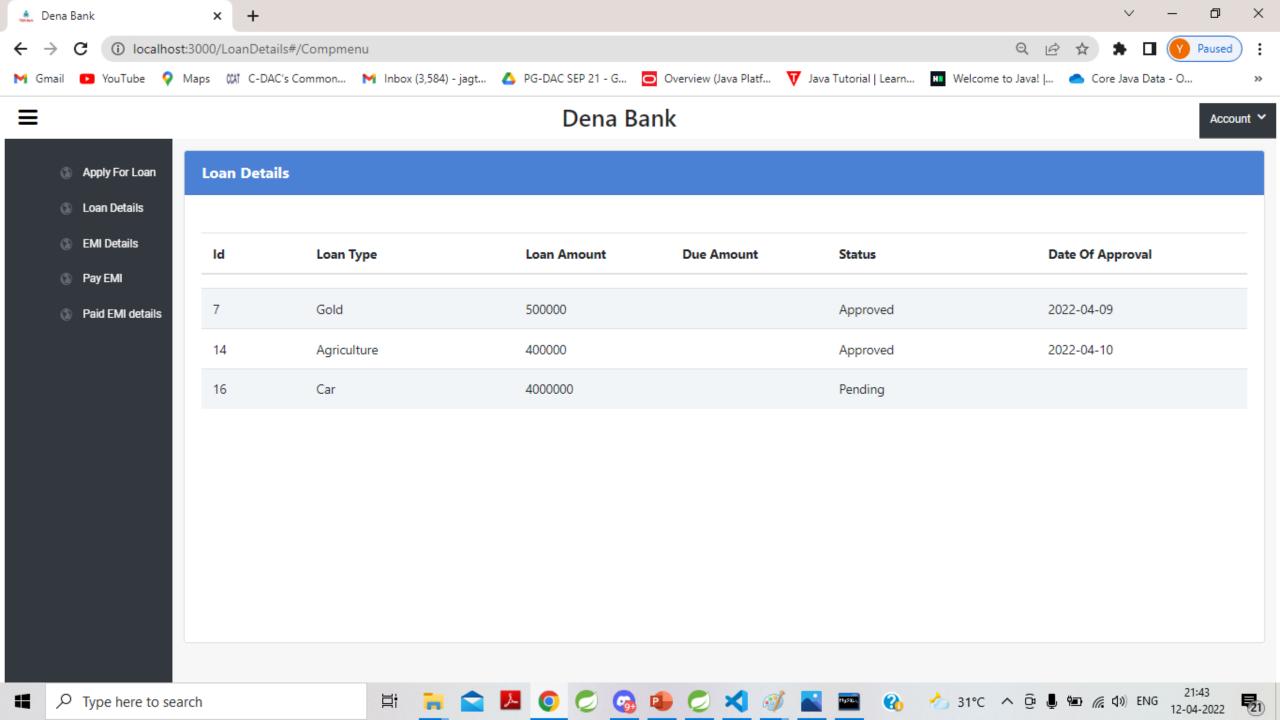
EMI Calculator

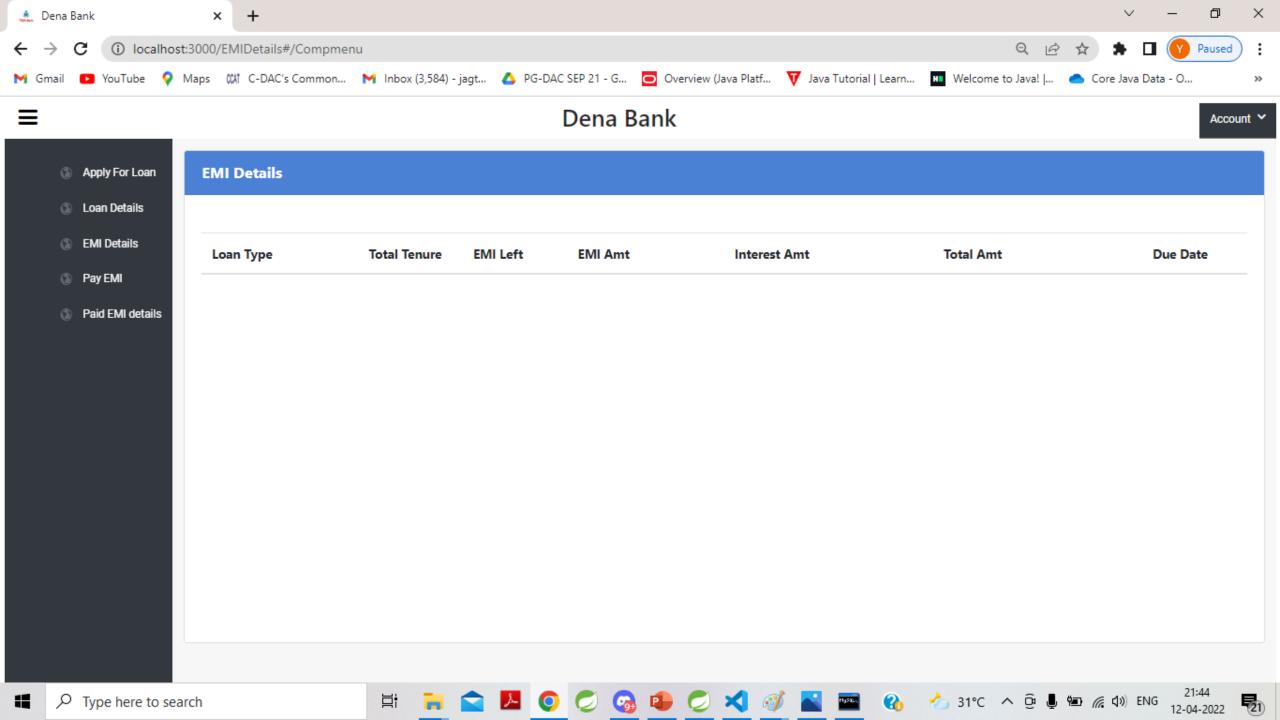
Loan Amount:	e.g 100000	
Interest Rate :	e.g 8	
Tennure in Months:	e.g 12	
Monthly EMI :		
	Calculate	

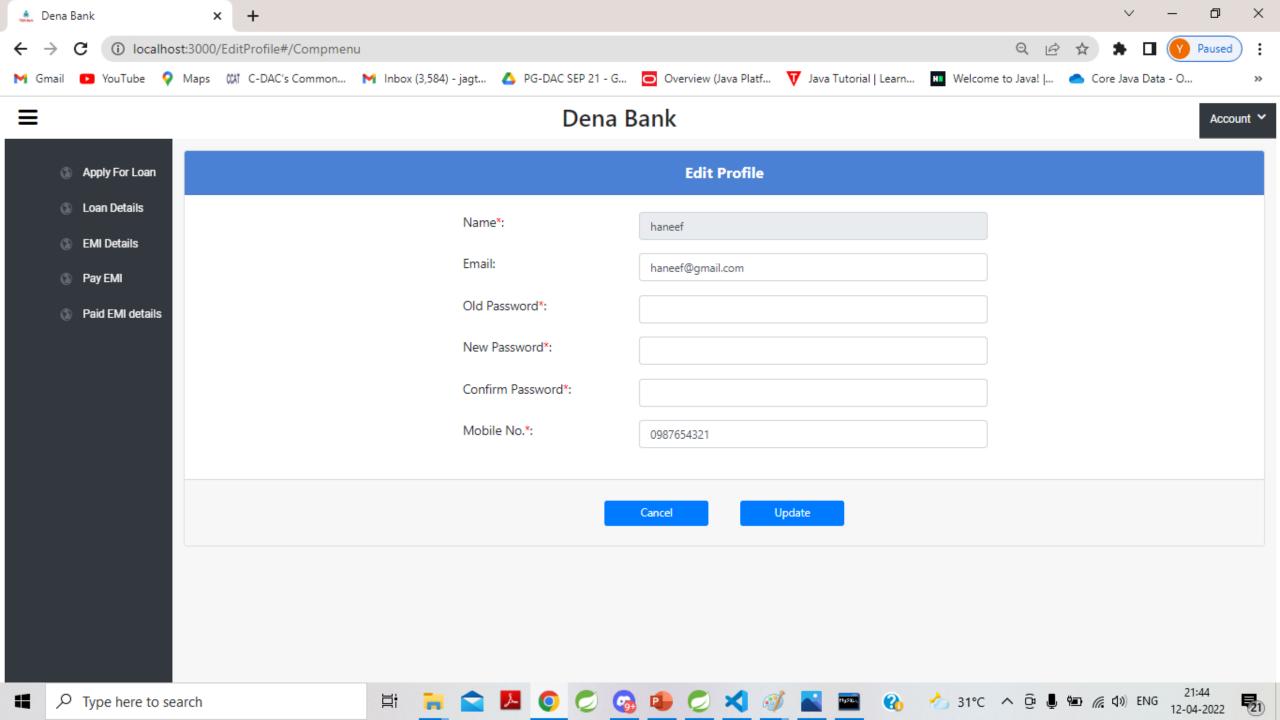


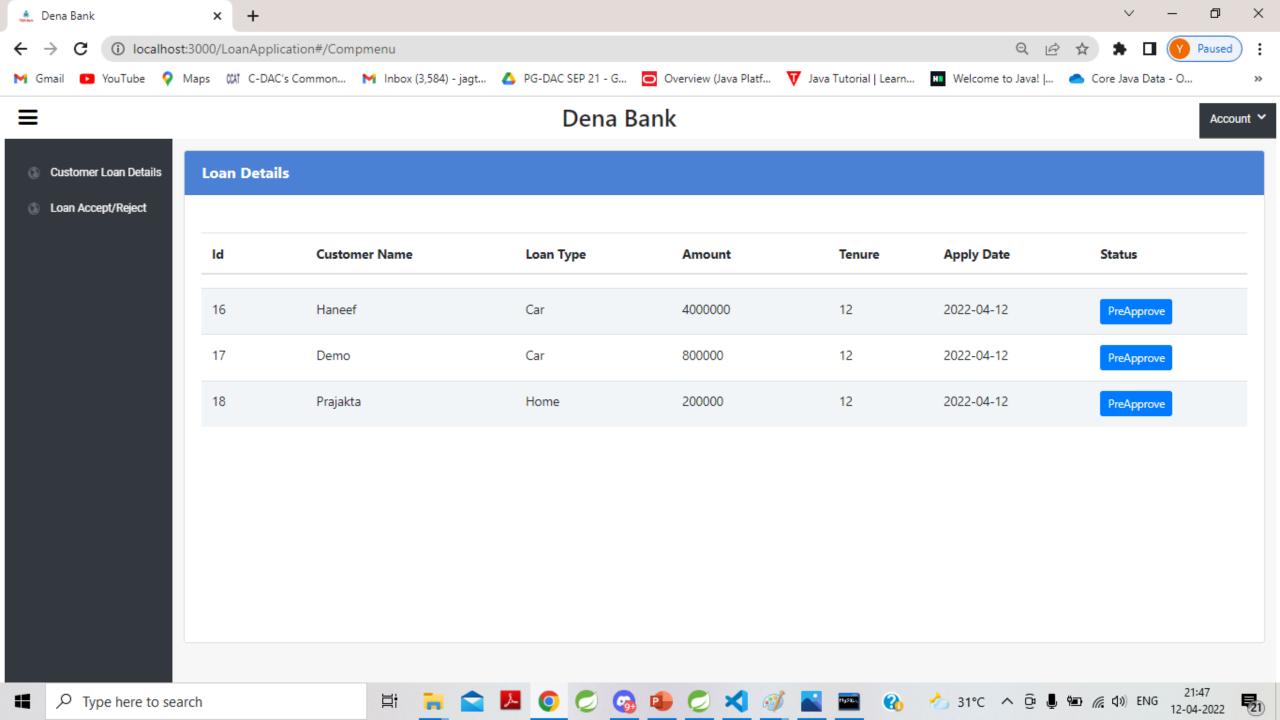
Sign Up Here Name*: Email: Password*: Confirm Password*: Dob*: Mobile No.*: O Male Female Gender*: Address*: Register Cancel

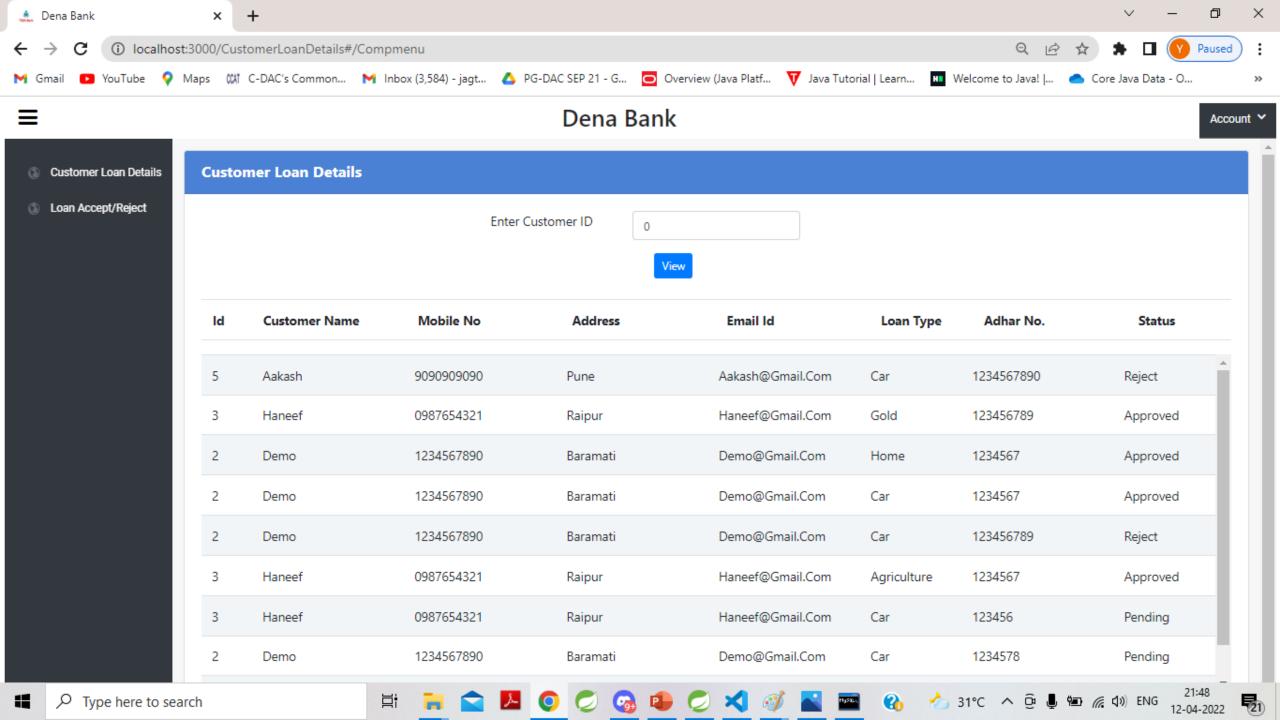


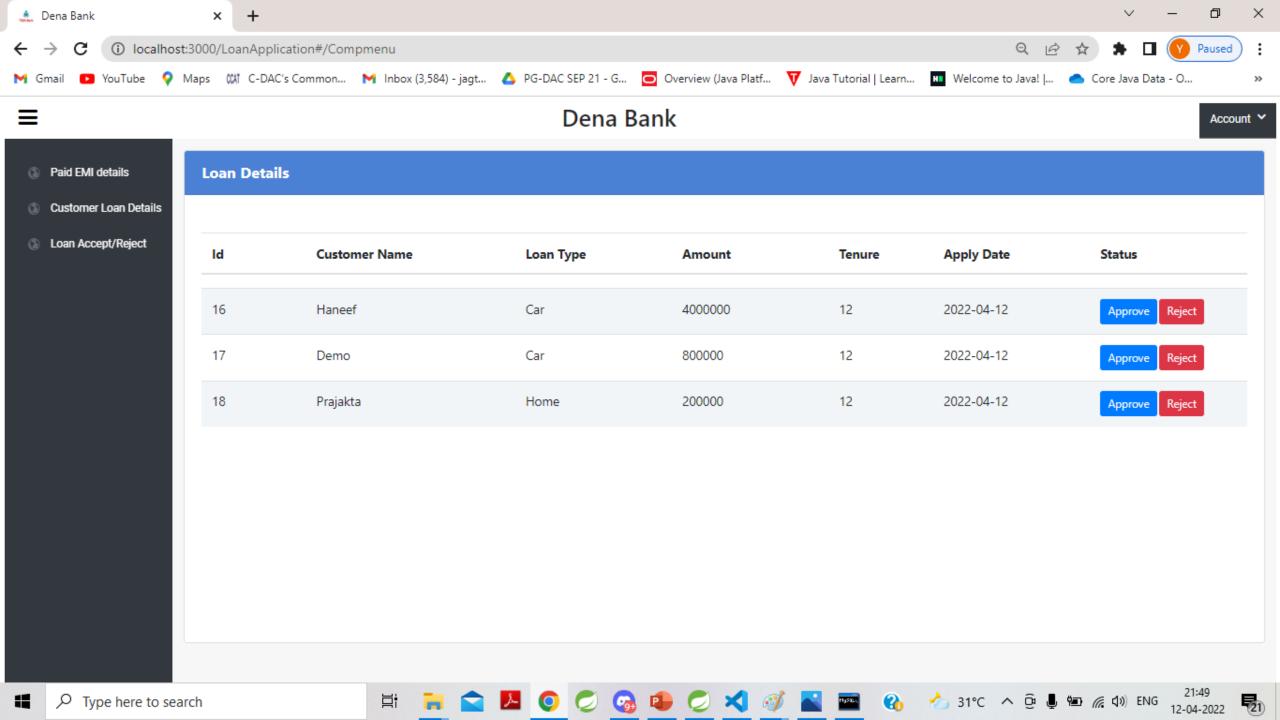


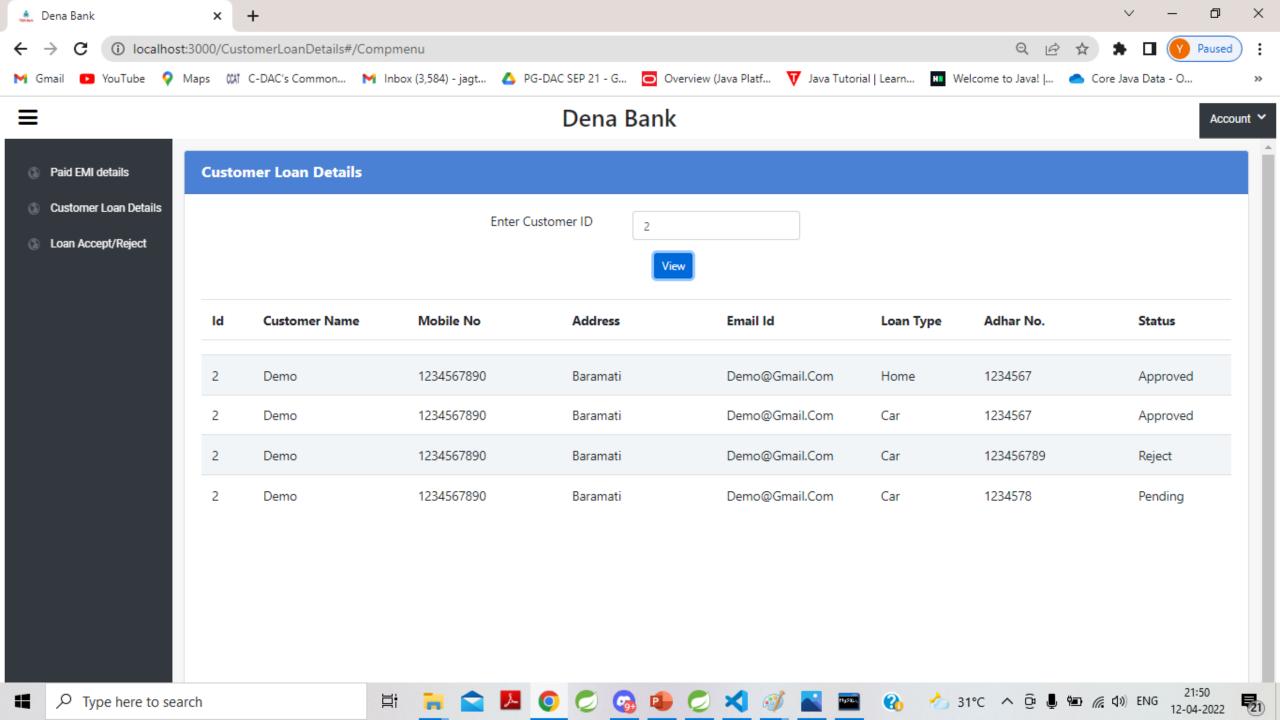


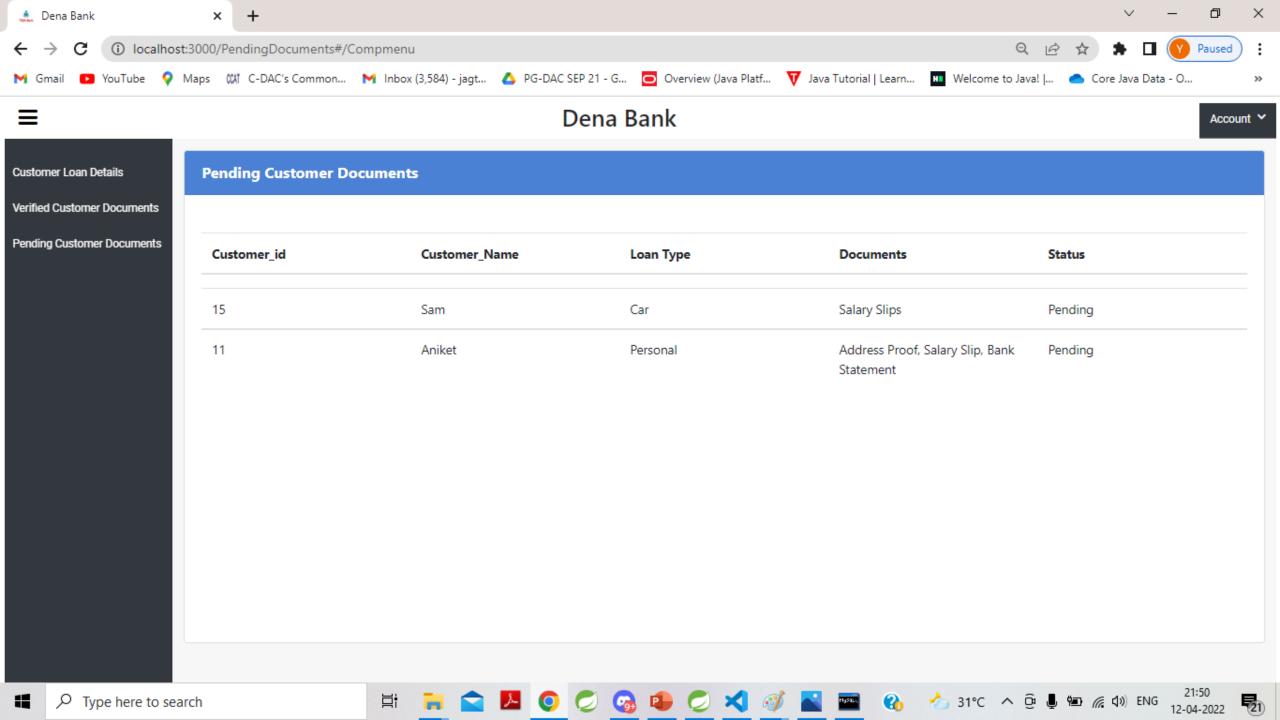


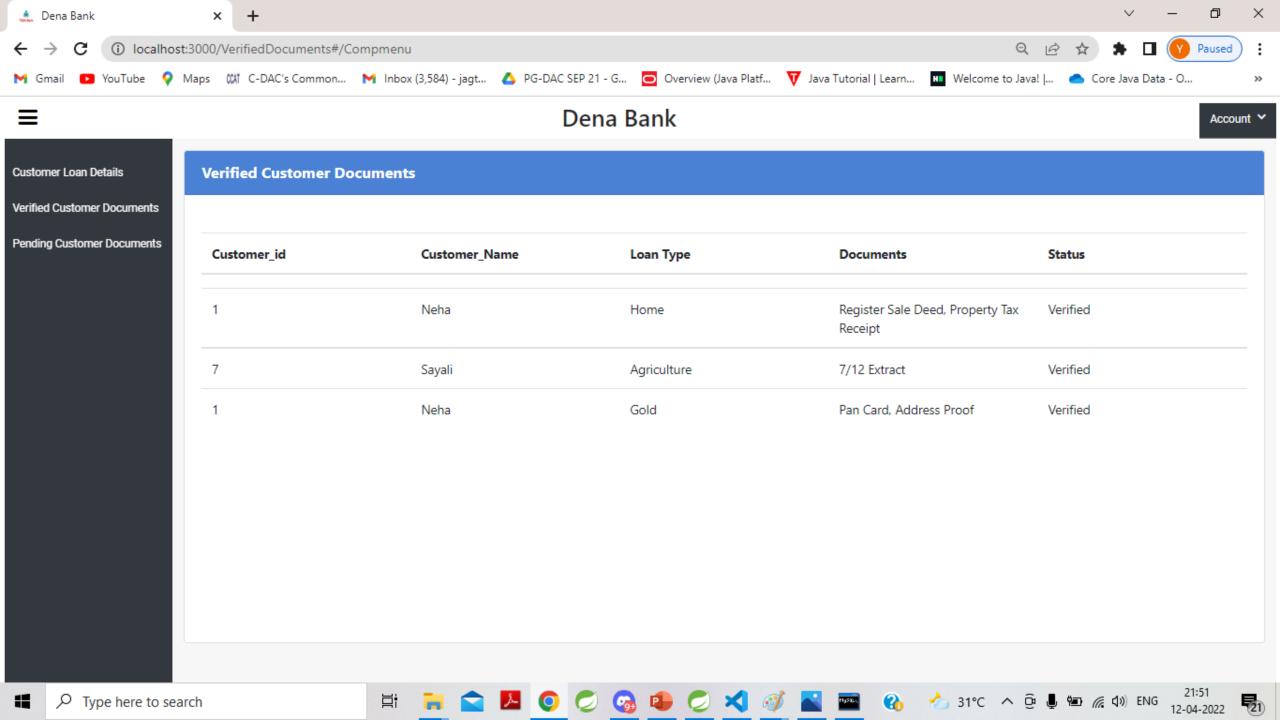












Conclusion:

• This is the system for the provide virtual platform to the loan application . and also track the progress of your application . The requirement of documents that provided by the customer should be verified by the Authorized faculty. Admin have functionality to approve and reject the loan application . this system reduce the efforts for the visit the bank physically.

Thank You