

Consumer Finance Management System

Capstone Project
Team 1





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Introduction

- Consumer Finance Management System is a web application that introduces concept of 'No Cost EMI'
- No Cost EMI offers zero interest over the payment tenure
- There is a difference between regular EMI plans and No Cost EMI plans.
- Purchases of expensive goods and services over a no-cost EMI plan are convenient.

Problem Statement

To develop a financial management system which users can use to apply for credit cards and once approved are able to buy products with no cost EMI. Further, the user can also track their card and product details.



Objectives of Consumer Finance Management System

Attracting
and
retaining
customers

Convenience
in making
online
Purchases

Flexibility
in making
Payments

Improved
budget
planning



System Requirements



Frontend Layer

React Js, Bootstrap, CSS, HTML

Middle Layer

Java, Spring Boot MVC, REST API

Database and Integration Layer

MySQL, JPA

Ancillary Layer

Source Management Tool: GitHub
Dependency Management Tool: npm

Technologies Used

Spring boot

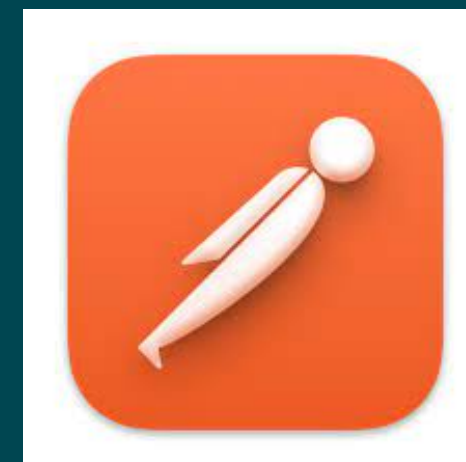
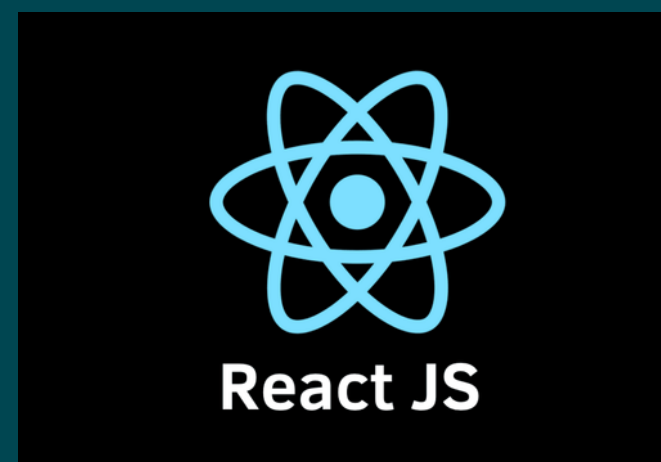
HTML5

ReactJs

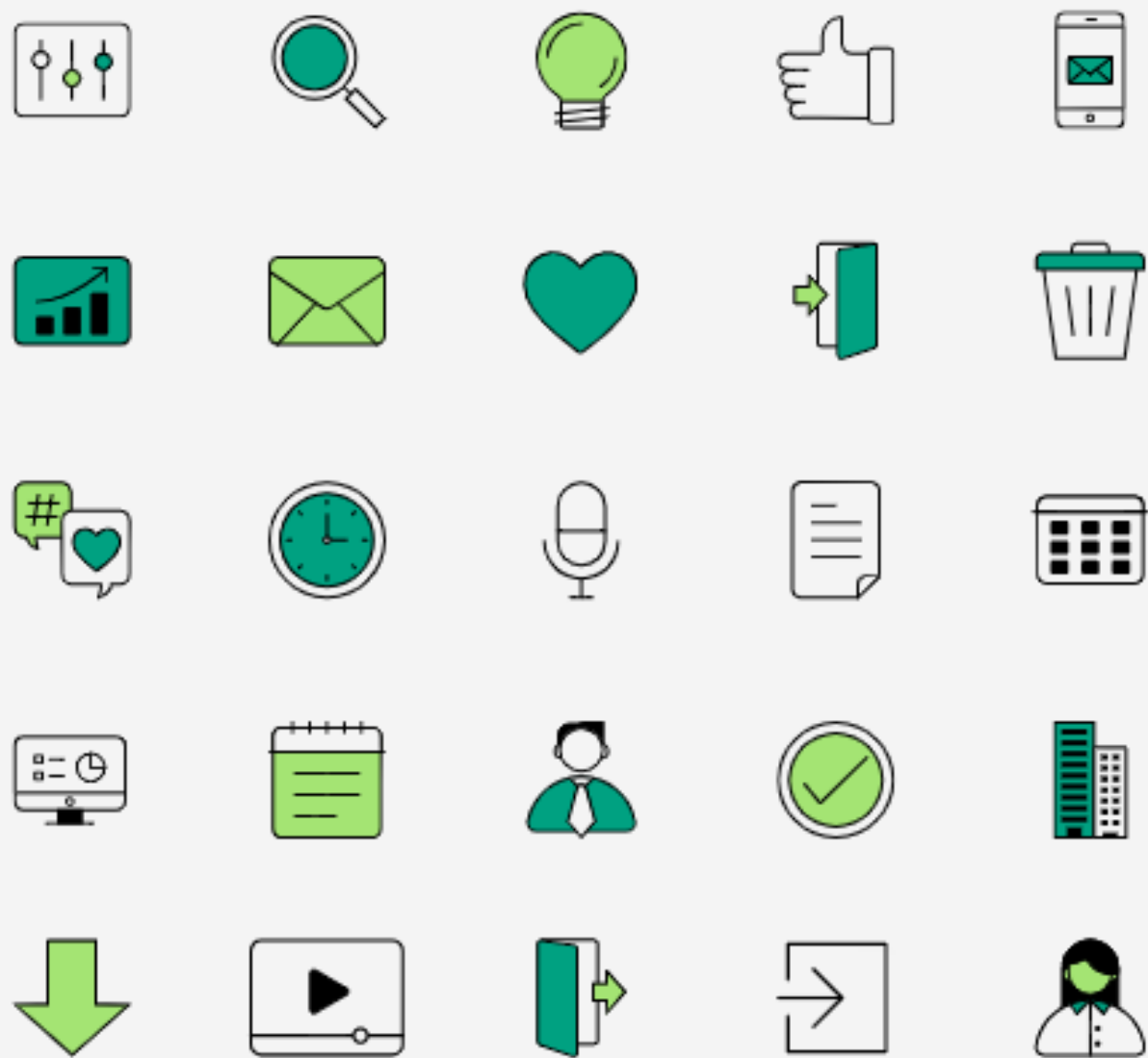
JPA (Java Persistence API)

CSS3

Postman



Project Modules



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User Registration

User Login

Forgot and Change Password

Product Dashboard

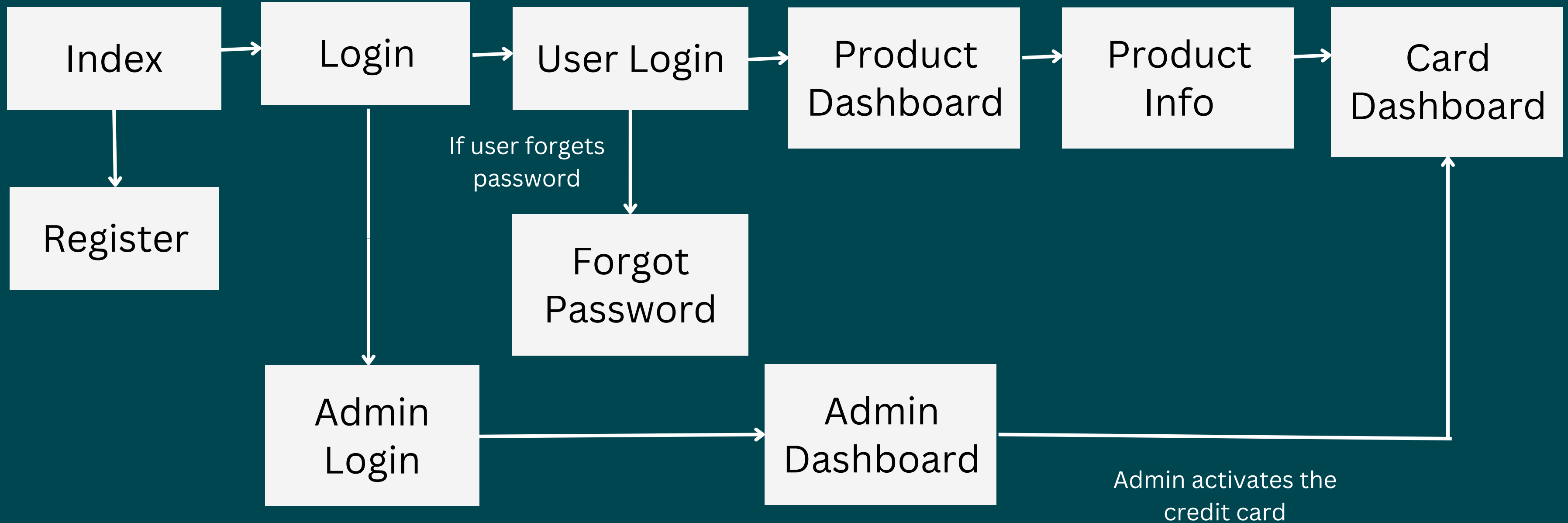
Product info

Card Dashboard

Admin Login

Admin Dashboard

Project Flow



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Five Star Personal Finance Limited

Login

Register

Financial Solutions for your Personal Needs

TRENDING



Galaxy F13

Product Details: 2GHz
Processor, Manufactured
by Samsung India
Electronics Pvt. Ltd

Cost: Rs. 10999 /-

Buy Now

Register

Five Star Personal Finance Limited

Login

Register

User Registration

Name:

Email:

Phone :

User Name :

Password:

Confirm Password:

Address:

Card Type :

Select Bank:

Savings Account No:

IFSC Code:

Reset

Register

User Login

Five Star Personal Finance Limited

Login

Register

User Login

User Name:

Password:

Login

[Forgot Password](#)

[Are you an Admin ? Login Here](#)

Card Dashboard

Hi Medha

Logout

DASHBOARD

Card Number: 514520880219

Username: medha12

Valid till: 11/2027

Card Type: Titanium

Status: ACTIVATED

TOTAL CREDIT: Rs. 100000/-

CREDIT USED: Rs. 0/-

REMAINING CREDIT: Rs. 100000/-

Pay Credit Card

PRODUCTS PURCHASED

Product Dashboard

CardDashboard

Hi Medha

Logout



Office Chair

Product details: Manufactured by Samsung India Electronics Pvt. Ltd.

Cost: Rs. 4090/-

Buy Now



Galaxy F13

Product details: 2GHz Processor, Manufactured by Samsung India Electronics Pvt. Ltd

Cost: Rs. 10999/-

Buy Now

Product Info

CardDashboard

Hi Medha

Logout



Office Chair

Product details: Manufactured by Samsung India Electronics Pvt. Ltd.

Cost: Rs. 4090/-

Select EMI Option: Months

Buy Now

Admin Login

Five Star Personal Finance Limited

LoginRegister

Admin Login

Admin UserName:

Password:

Login

Financial Solutions for your Personal Needs

Hi Admin

Logout

ADMIN DASHBOARD

Collect EMI of current month

Name	User ID	Username	Email ID	Phone	Address	bank	Account No	Card Type	Document
rob	2	medha	abc@gmail.com	123456789	Wells Fargo, Bangalore	Wells Fargo	1234567	Gold	
Priya	3	pps123	priyapspps@gmail.com	123456789	Wells Fargo, Bangalore	Wells Fargo	1234567	Gold	
Medha	4	medha12	medha106btcse18@igdtuw.ac.in	9354766018	Bangalore	SBI	10694	Titanium	

Forgot Password

Five Star Personal Finance Limited

[Login](#)

[Register](#)

Forgot Password

User Email-ID:

Send OTP

OTP:

New Password:

Confirm Password:

Verify OTP and Change Password

Future Scope and Conclusion

We were able to develop the Consumer Finance Management System web application.

In the future, the project can be improved by:

- Implementing integration tests
- Decreasing the loading latency
- Adding payment methods
- Adding more products

Thank You!

