

# 1 BUSINESS-REQUIREMENT: (WELLS FARGO FULL STACK SBA-1)

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## 1.1 PROBLEM STATEMENT:

The purpose of this application is to allow the customers apply for a loan and the managers to approve or reject the loan there are two types' users to access the application

1. User
2. Admin

User Module:

**The User Module**allows you to:

1	Can register himself
2	Can apply for Mortgage loan on a property
	<i>While applying for loan, following information is required</i>
	<i>a. Loan Name (Description)</i>
	<i>b. Loan Application number (Auto generated)</i>
	<i>c. Loan Amount requested</i>
	<i>d. Loan Application Date</i>
	<i>e. Business structure (Individual/Organisation)</i>
	<i>f. Billing Indicator (Salaried person or not)</i>
	<i>g. Tax indicator (Tax payer or not)</i>
	<i>h. Contact Details (Contact Address, mobile, email)</i>
3	Can track status of Loan Application
4	Can Edit Loan Application till not approved by Manager

Admin Module

1	Can list all Loan Applications
2	If Loan is sanctioned, following information should be furnished
	<i>a. Loan Amount Sanctioned</i>
	<i>b. Term of loan ( Duration )</i>
	<i>c. Payment start Date</i>
	<i>d. Loan closure Date (Auto calculated from Payment start date and Term)</i>
	<i>e. Monthly payment (Calculated)</i>
	<i>Formulae:</i>
	<i>a. Term payment amount = (Sanctioned loan amount ) * (1 + interest rate/100) ^ (term of loan)</i>
	<i>b. Monthly payment = (Term payment amount ) / (Term of loan)</i>

## 2. RESOURCES AVAILABLE :

Description	View Pages Name	Remarks
Common UI		
Home Page	index.jsp	Contains Login form for Admin and User and link to new user registration
Error Page	errorPage.jsp	
Header	header.jsp	
Footer	footer.jsp	
Not Found Page	notfound.jsp	
Admin Services UI		
Admin Related functionalities	Adminhome1.jsp	Should contain links to list all loans and process the loan
Shall be used to display loans	Listall.jsp	Should display all the loans information
Shall be used to read loan application number to process	Process.jsp	Should read the loan application number and submit to AdminController, also it should contains links for logout and admin home page
Shall be used to display loan info and other details has to be entered by manager	Callemi.jsp	Should display the loan info and has provision to enter other details
User Services UI		
Shall contain User related activities	Userhome1.jsp	Must contain links to apply for loan, track and edit loan aplicaiton
Shall be used to read the details for application and some auto generated values should be displayed	Application.jsp	To accept the details for loan
Shall be used to read application number and submit to servlet to track it	Trackloan.jsp	To accept the loan application number
Shall be used to display the laon status given in the trackloan.jsp	Displaystatus.js	To display loan status
Shall be used to accept the loan application number and send to userservlet to process	Editloan.jsp	To accept the loan application number to edit
Shall be used to display editable text	Editloanui.jsp	To display the values to edit.

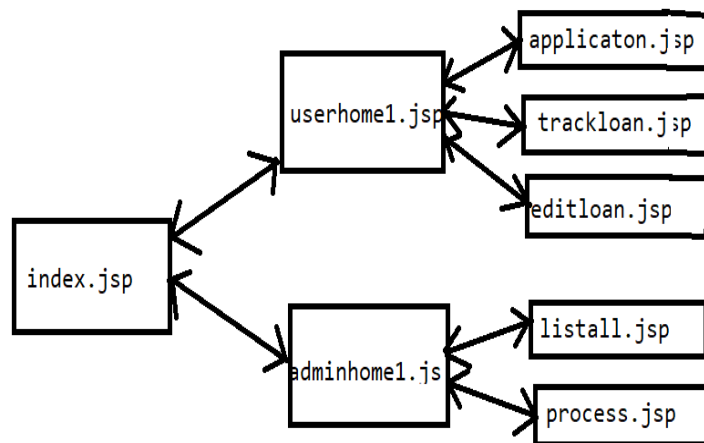
Admin Login Id	admin
Admin Password	admin

Note:

1. For jdbc connection, you need to set your url, userid and password in the web.xml
2. You are free to create any dto objects required for communication between the dao and controller.

### 3. PAGE FLOW :

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## 4. POINTS TO REMEMBER

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1. Do not add/remove or change any action parameter values
2. Do not add/remove any JSP pages
3. Deliverables
  - a. Complete Developed Code , uploaded on Git Repository
  - b. .sql file for DB Schema, uploaded on same Git Repository
  - c. Share the Git Repository URL on [FullStack@iiht.com](mailto:FullStack@iiht.com)

## 5. GIT CODE TEMPLATE

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Git link for SBA1: <https://github.com/NavinIIHT/ELoan-SBA1-servlet-mysql.git>