

Home Insurance System

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Git URL: <https://github.com/Fatema110/Home-Insurance-System>

Project Name: Home-insurance-system-maven-spring-MVC-hibernate

Dependencies are added through Maven.

Web Server: tomcat 8.5

Database: MySQL

Database properties file is configurable in /src.

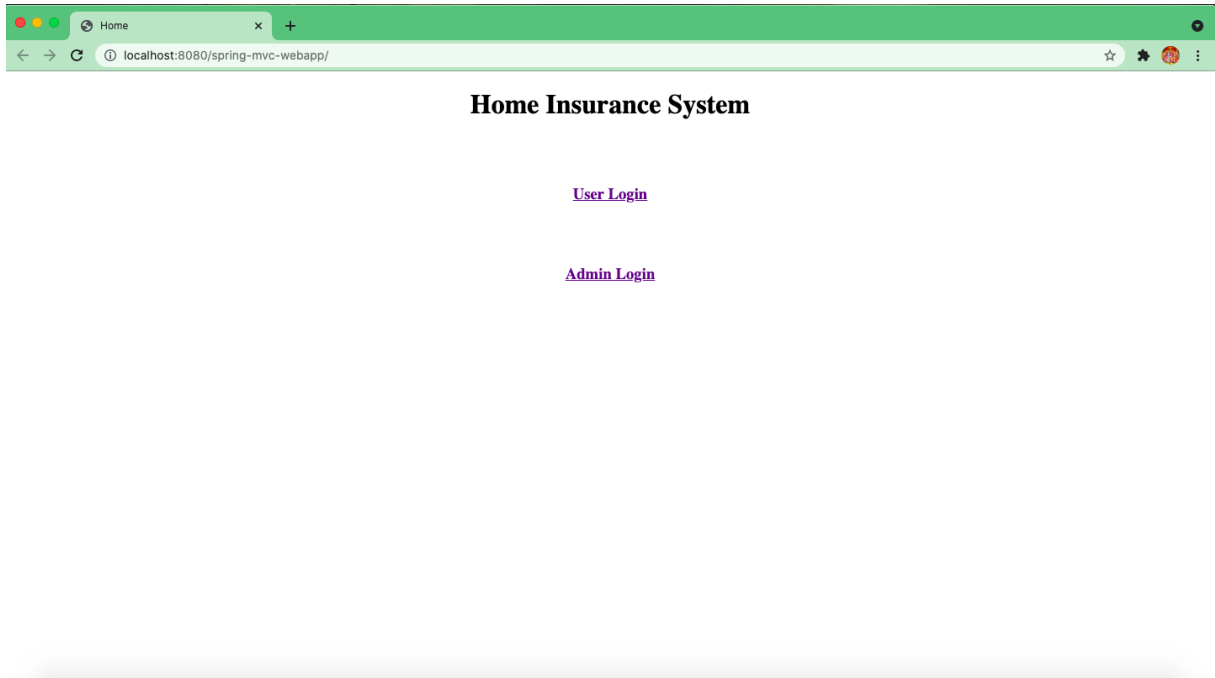
```
db.properties
1 driverClassName = com.mysql.cj.jdbc.Driver
2 url = jdbc:mysql://localhost:3306/test1
3 username = root
4 password = 12345678
```

Dispatcher Servlet : MyServlet-servlet.xml

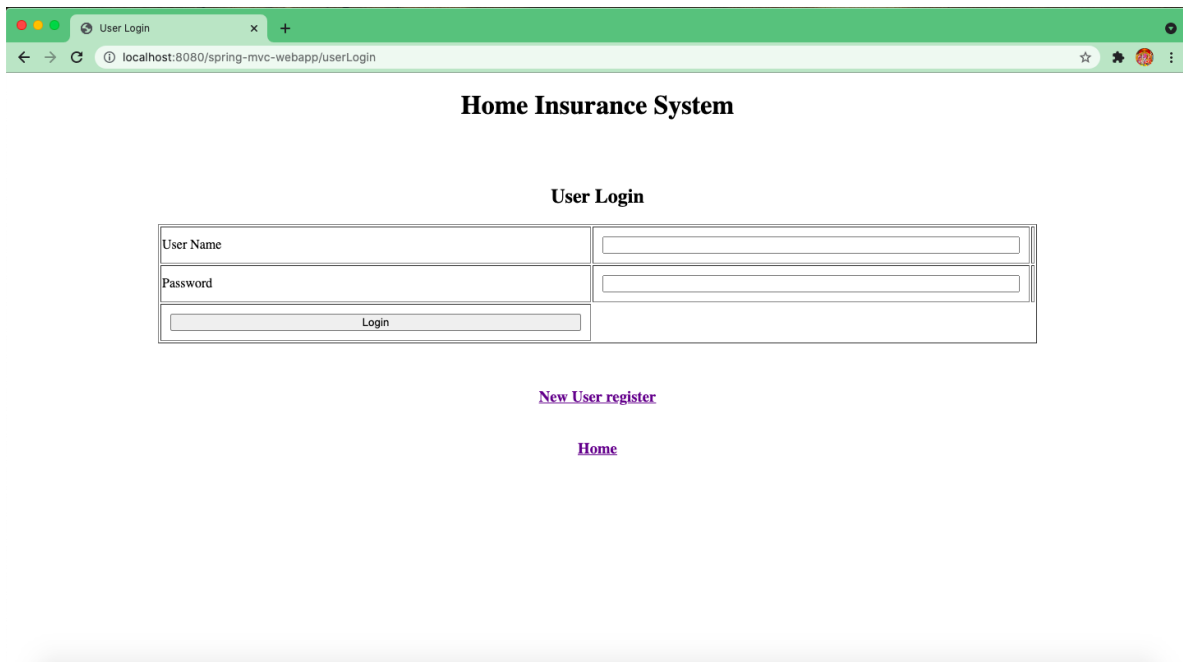
```
MyServlet-servlet.xml
1 <?xml version="1.0" encoding="UTF-8" ?>
2 <beans xmlns="http://www.springframework.org/schema/beans"
3       xmlns:context="http://www.springframework.org/schema/context"
4       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
5       xsi:schemaLocation="http://www.springframework.org/schema/beans
6       http://www.springframework.org/schema/beans/spring-beans-3.0.xsd
7       http://www.springframework.org/schema/context
8       http://www.springframework.org/schema/context/spring-context-3.0.xsd
9       http://www.springframework.org/schema/mvc
10      http://www.springframework.org/schema/mvc/spring-mvc.xsd" >
11
12
13     <context:component-scan base-package="com.controllers" />
14
15     <bean class="org.springframework.web.servlet.view.InternalResourceViewResolver">
16         <property name="prefix" value="/WEB-INF/views/" />
17         <property name="suffix" value=".jsp" />
18     </bean>
19
20     <bean id="dataSource" class="org.springframework.jdbc.datasource.DriverManagerDataSource">
21         <property name="driverClassName" value="${driverClassName}" />
22         <property name="url" value="${url}" />
23         <property name="username" value="${username}" />
24         <property name="password" value="${password}" />
25     </bean>
26
27     <bean id="mySessionFactory"
28           class="org.springframework.orm.hibernate5.LocalSessionFactoryBean">
29         <property name="dataSource" ref="dataSource"></property>
30         <property name="annotatedClasses">
31             <list>
32                 <value>com.to.User</value>
33                 <value>com.to.ValidationQuote</value>
34                 <value>com.to.UserLocation</value>
35                 <value>com.to.HomeOwner</value>
36                 <value>com.to.UserProperty</value>
37                 <value>com.to.Policy</value>
38                 <value>com.to.Admin</value>
39                 <value>com.to.AdminMod</value>
40             </list>
41         </property>
42         <property name="hibernateProperties">
43             <props>
44                 <prop key="hibernate.dialect">org.hibernate.dialect.MySQL5Dialect</prop>
45                 <prop key="hibernate.hbm2ddl.auto">update</prop>
46                 <prop key="hibernate.show_sql">>true</prop>
47             </props>
48         </property>
49     </bean>
```

ScreenShots :

Home Page : Business Requirement ID : BR001 : There should be provision to login as Admin or as User.



User Login Page :



New User Registration : Business Requirement ID : BR002 : There should be provision to register new user.

User Registration

localhost:8080/spring-mvc-webapp/registerUser

Save User Details

User Name	<input type="text"/>
Password	<input type="password"/>
<input type="submit" value="Submit"/>	

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Validation for New User Registration.

User Registration

localhost:8080/spring-mvc-webapp/addUser

Save User Details

User Name	<input type="text"/>	username cannot be empty
Password	<input type="password"/>	password cannot be empty
<input type="submit" value="Submit"/>		

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Creating a new user as :

Username : mickey

Password : mouse

Save User Details

User Name	<input type="text" value="mickey"/>
Password	<input type="password" value="*****"/>
<input type="button" value="Submit"/>	

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Validation : Checking if username already exist while registering new user.

Save User Details

User Name	<input type="text" value="mickey"/>
Password	<input type="password" value="*****"/>
<input type="button" value="Submit"/>	

username already exist

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Login with username mickey.

User Login

localhost:8080/spring-mvc-webapp/userLogin

Home Insurance System

User Login

User Name	<input type="text" value="mickey"/>
Password	<input type="password" value="*****"/>
<input type="button" value="Login"/>	

[New User register](#)

[Home](#)

Get Started : Business Requirement ID : BR003 : User View who have not yet bought any policy.

Get Started

localhost:8080/spring-mvc-webapp/userLoginNew

Menu

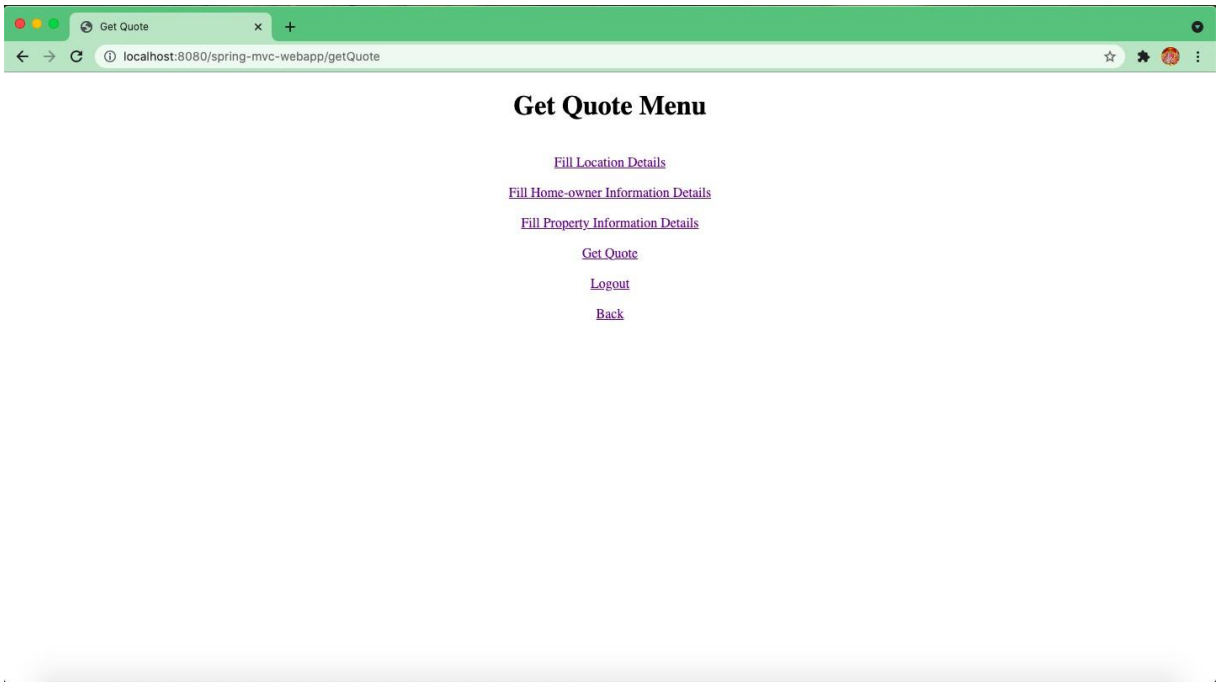
[Get Quote](#)

[Retrieve Quote](#)

[Buy Policy](#)

[Logout](#)

Get Quote Module Page :



Get Quote Module - Location Page : Business Requirement ID : BR004 : Validation

A screenshot of a web browser window showing the 'Save User Location Details' form. The browser's address bar displays 'localhost:8080/spring-mvc-webapp/addUserLocation'. The page has a green header bar with the title 'Save User Location Details'. Below the header, there is a form with the following fields: 'Residence Type' (a dropdown menu with 'Single-Family Home' selected), 'Address line 1' (a text input field), 'City' (a text input field), 'State' (a text input field), 'Zip' (a text input field with '0' entered), and 'Residence Use' (a dropdown menu with 'Primary' selected). To the right of the 'Address line 1', 'City', and 'State' fields, there are red labels that say 'requird field'. At the bottom of the form, there is a 'Submit' button. Below the form, there is a 'Back' link.

Filling Details:

User Location Details

localhost:8080/spring-mvc-webapp/location

Save User Location Details

Residence Type	Townhouse
Address line 1	xyz Colony
City	Aligarh
State	Uttar Pradesh
Zip	202002
Residence Use	Secondary
Submit	

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Get Quote Module - Homeowner Information Page : Business Requirement ID : BR005 : Validation

Home Owner Details

localhost:8080/spring-mvc-webapp/addHomeOwner

Save Home-owner Information Details

First Name		requierd field
Last Name		requierd field
Date of Birth (dd/mm/yyyy)		may not be null
Are you retired?	No	
Social Security Number	0	should be a valid 9-digit numeric value
Email Address		requierd field
Submit		

Back

Filling Details:

Home Owner Details

localhost:8080/spring-mvc-webapp/homeOwner

Save Home-owner Information Details

First Name	Mickey
Last Name	Mouse
Date of Birth (dd/mm/yyyy)	21/05/2002
Are you retired?	No
Social Security Number	123456789
Email Address	mickey@disney.com
Submit	

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Get Quote Module - Property Information Page : Business Requirement ID : BR006 :
Filling details. Validation of fields also done.

Property Details

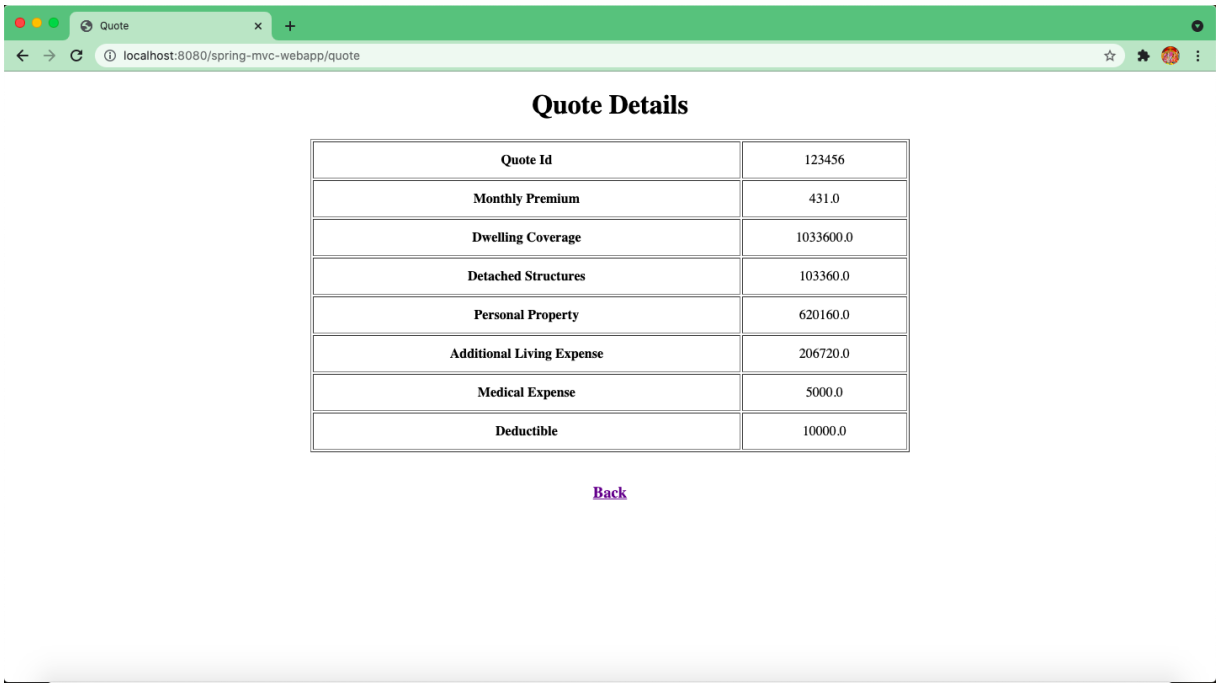
localhost:8080/spring-mvc-webapp/property

Save User Location Details

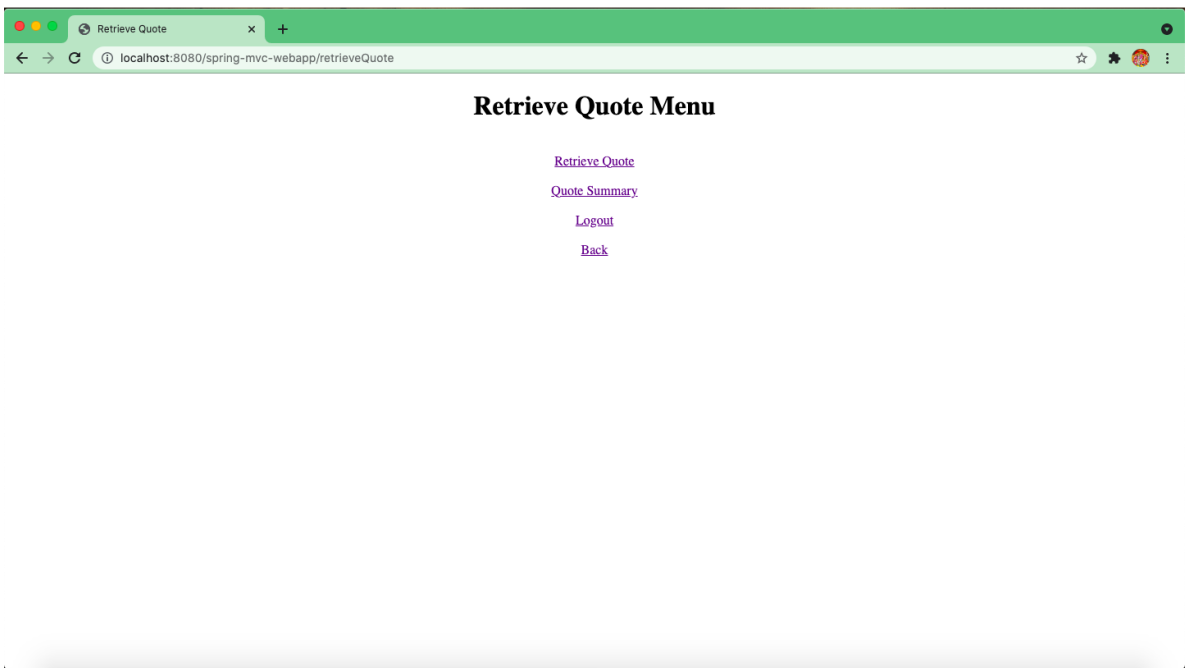
What is the market value of your home?(in \$)	1000000
What year was your home originally built?(in yyyy)	2005
Square footage(in sq. foot)	400
Dwelling style	2 story
Roof material	Concrete
Type of Garage	Detached
Number of full baths	2
Number half baths	3
Does your home have a swimming pool?	Yes
Submit	

Back

Get Quote Module - Quote Page : Business Requirement ID : BR007 :



Retrieve Quote Module Page :



Retrieve Quote Module - Retrieve Quote Page : Business Requirement ID : BR008 :

Quote

localhost:8080/spring-mvc-webapp/getRetrieveQuote

Retrieve Quote Details

Quote Id	123456
Residence Type	Townhouse
Address line 1	xyz Colony
City	Aligarh
State	Uttar Pradesh
Zip	202002
Residence User	Secondary

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Retrieve Quote Module - Quote Summary Page : Business Requirement ID : BR009 :

Quote Summary

localhost:8080/spring-mvc-webapp/quoteSummary

Quote Summary

Location Details

Residence Type	Townhouse
Address line 1	xyz Colony
City	Aligarh
State	Uttar Pradesh
Zip	202002
Residence User	Secondary

Home Owner Details

First Name	Mickey
Last Name	Mouse
Date of Birth	2002-05-21

Continuation :

Quote Summary

localhost:8080/spring-mvc-webapp/quoteSummary

Property Details

What is the market value of your home?(in \$)	1000000
What year was your home originally built?	2005-01-01
Square footage(in sq. foot)	400
Dwelling style	story_2
Roof material	Concrete
Type of Garage	Detached
Number of full baths	2
Number half baths	3
Does your home have a swimming pool?	true

Coverage Details

Quote Id	123456
Monthly Premium	431.0
Dwelling Coverage	1033600.0

Buy Policy Module – E sign : Business Requirement ID : BR010 : Validation

Buy Policy

localhost:8080/spring-mvc-webapp/addPolicy

Buy Policy Details

Policy Effective Date(in dd/mm/yyyy)	<input type="text"/>	may not be null
Policy End Date(in dd/mm/yyyy)	<input type="text"/>	may not be null
<input type="button" value="Submit"/>		

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Validation : Effective date must be after atleast 60 days from today.

The screenshot shows a web browser window with the title 'Buy Policy' and the address bar displaying 'localhost:8080/spring-mvc-webapp/addPolicy'. The page content is titled 'Buy Policy Details' and contains a form with two date input fields. The first field, 'Policy Effective Date(in dd/mm/yyyy)', has the value '12/09/2021'. The second field, 'Policy End Date(in dd/mm/yyyy)', has the value '11/11/2022'. Below the fields is a 'Submit' button. Underneath the form, there is a blue link labeled 'Back' and a red error message: 'Effective date must be after atleast 60 days from today.'

Buy Policy Details	
Policy Effective Date(in dd/mm/yyyy)	12/09/2021
Policy End Date(in dd/mm/yyyy)	11/11/2022
<input type="button" value="Submit"/>	

[Back](#)

Effective date must be after atleast 60 days from today.

Validation : End date must be after Effective Date.

The screenshot shows a web browser window with the title 'Buy Policy' and the address bar displaying 'localhost:8080/spring-mvc-webapp/addPolicy'. The page content is titled 'Buy Policy Details' and contains a form with two date input fields. The first field, 'Policy Effective Date(in dd/mm/yyyy)', has the value '12/09/2021'. The second field, 'Policy End Date(in dd/mm/yyyy)', has the value '12/08/2021'. Below the fields is a 'Submit' button. Underneath the form, there is a blue link labeled 'Back' and a red error message: 'End date must be after Effective Date'.

Buy Policy Details	
Policy Effective Date(in dd/mm/yyyy)	12/09/2021
Policy End Date(in dd/mm/yyyy)	12/08/2021
<input type="button" value="Submit"/>	

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End date must be after Effective Date

Buying policy successfully.

Buy Policy Details

Policy Effective Date(in dd/mm/yyyy)	12/10/2021
Policy End Date(in dd/mm/yyyy)	12/12/2022
<input type="button" value="Submit"/>	

[Back](#)

Filled successfully

View Policy Module - Policy Details(For User) : Business Requirement ID : BR011 :

Menu

- [Get Quote](#)
- [Retrieve Quote](#)
- [Buy Policy](#)
- [View Policy](#)
- [Logout](#)

View Policy Page(For User):

View Policy

localhost:8080/spring-mvc-webapp/viewPolicy

Policy Details

Policy Key	7530865
Quote Id	123456
Policy Effective Date	Tue Oct 12 00:00:00 IST 2021
Policy End Date	Mon Dec 12 00:00:00 IST 2022
Policy Term	Terms goes here
Policy Status	Pending

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Admin login page : Validation

Admin Login

localhost:8080/spring-mvc-webapp/adminLoginNew

Home Insurance System

Admin Login

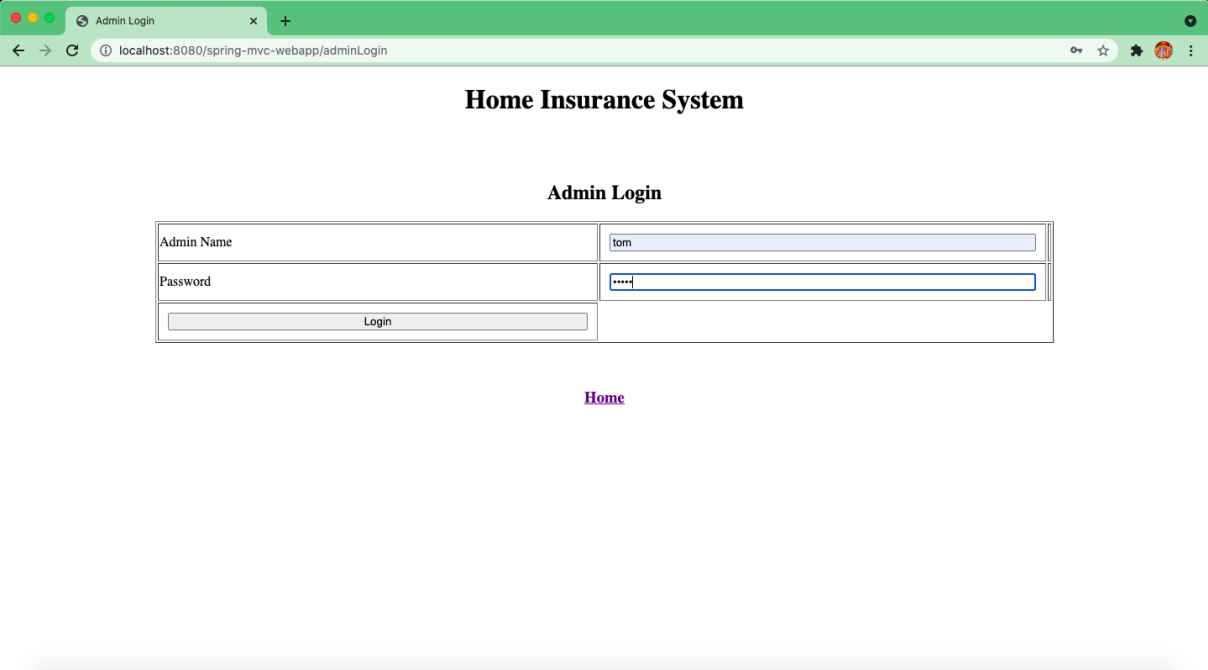
Admin Name	<input type="text"/>	adminname cannot be empty
Password	<input type="password"/>	password cannot be empty
<input type="button" value="Login"/>		

[Home](#)

An admin is created in database:

Username : tom

Password : jerry



The screenshot shows a web browser window with the title "Admin Login" and the URL "localhost:8080/spring-mvc-webapp/adminLogin". The page content is as follows:

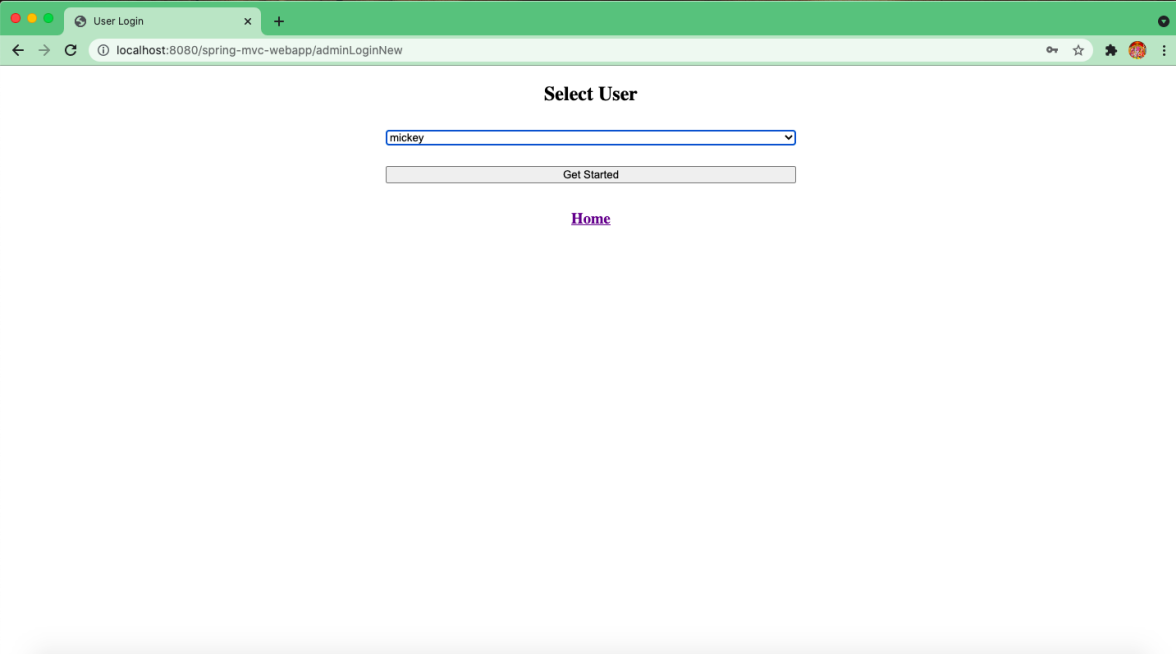
Home Insurance System

Admin Login

Admin Name	tom
Password	*****
<input type="button" value="Login"/>	

[Home](#)

Renew/Cancel Policy Module : Business Requirement ID : BR012 : Admin can select the user from the drop down list.



The screenshot shows a web browser window with the title "User Login" and the URL "localhost:8080/spring-mvc-webapp/adminLoginNew". The page content is as follows:

Select User

[Home](#)



Select User

☒ mickey
☐ mini
☐ donald
☐ bugs
☐ Buzz

[Home](#)

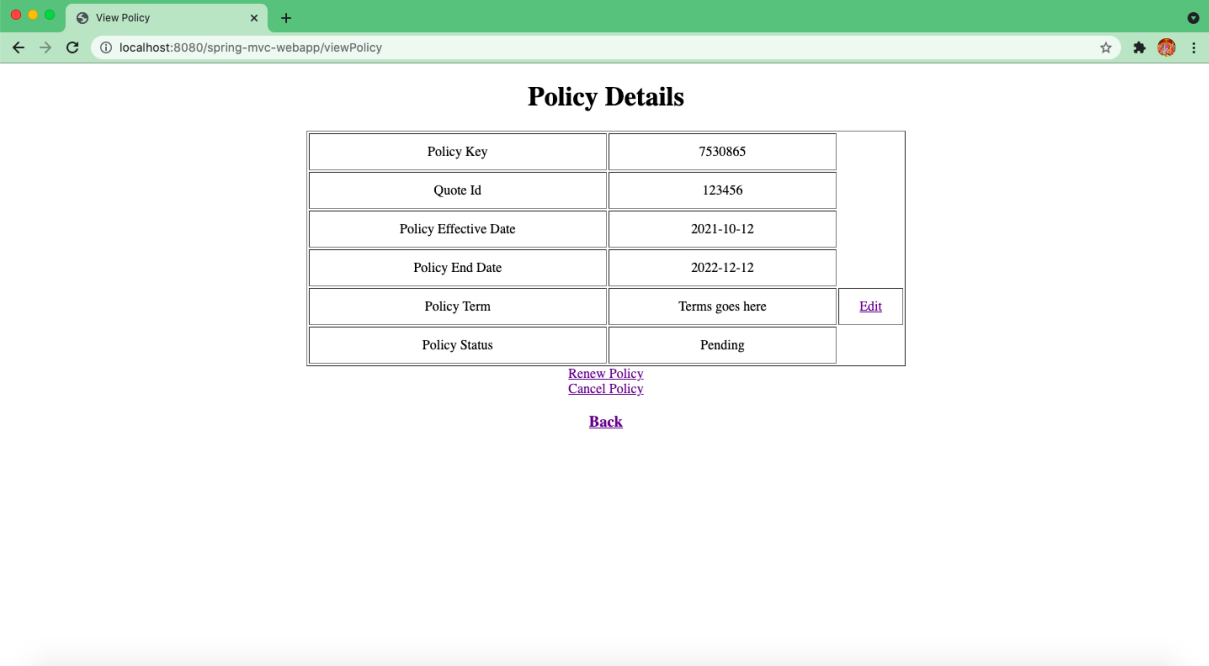
Get Started Page for Selected User(For Admin): Admin can also select a user again from “Select User Again” link.



Menu

- [Get Quote](#)
- [Retrieve Quote](#)
- [Buy Policy](#)
- [View Policy](#)
- [Select User Again](#)
- [Logout](#)

Renew/Cancel Policy Module - All Policy Details(For Admin) : Business Requirement ID : BR013 : View Policy (Admin View)

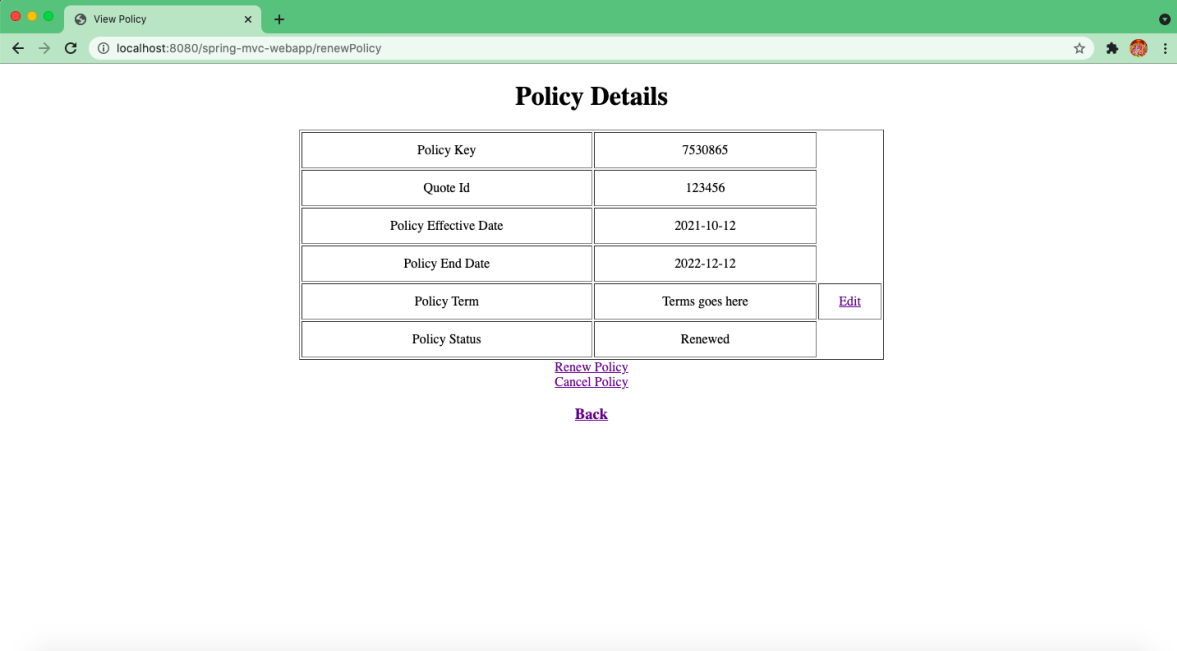


The screenshot shows a web browser window with the title 'View Policy' and the URL 'localhost:8080/spring-mvc-webapp/viewPolicy'. The page displays a table titled 'Policy Details' with the following information:

Policy Key	7530865	Edit
Quote Id	123456	
Policy Effective Date	2021-10-12	
Policy End Date	2022-12-12	
Policy Term	Terms goes here	
Policy Status	Pending	

Below the table, there are three links: [Renew Policy](#), [Cancel Policy](#), and [Back](#).

Renew/Cancel Policy Module – Renewed / Cancelled Policy Details : Business Requirement ID : BR014 : Renew a Policy.



The screenshot shows a web browser window with the title 'View Policy' and the URL 'localhost:8080/spring-mvc-webapp/renewPolicy'. The page displays a table titled 'Policy Details' with the following information:

Policy Key	7530865	Edit
Quote Id	123456	
Policy Effective Date	2021-10-12	
Policy End Date	2022-12-12	
Policy Term	Terms goes here	
Policy Status	Renewed	

Below the table, there are three links: [Renew Policy](#), [Cancel Policy](#), and [Back](#).

Cancel a Policy.

View Policy

localhost:8080/spring-mvc-webapp/cancelPolicy

Policy Details

Policy Key	7530865	
Quote Id	123456	
Policy Effective Date	2021-10-12	
Policy End Date	2022-12-12	
Policy Term	Terms goes here	Edit
Policy Status	Cancelled	

[Renew Policy](#)
[Cancel Policy](#)
[Back](#)

Edit Policy Terms:

Edit Policy Terms

localhost:8080/spring-mvc-webapp/editTerms

New Policy Terms

New Terms here !!

OK

[Back](#)

Policy terms changes are taken.

View Policy

localhost:8080/spring-mvc-webapp/editTerms

Policy Details

Policy Key	7530865	Edit
Quote Id	123456	
Policy Effective Date	2021-10-12	
Policy End Date	2022-12-12	
Policy Term	New Terms here !!	
Policy Status	Cancelled	

[Renew Policy](#)
[Cancel Policy](#)
[Back](#)

View policy (User view) for “mickey” when he logged in again.

View Policy

localhost:8080/spring-mvc-webapp/viewPolicy

Policy Details

Policy Key	7530865
Quote Id	123456
Policy Effective Date	2021-10-12
Policy End Date	2022-12-12
Policy Term	New Terms here !!
Policy Status	Cancelled

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Logout : Business Requirement ID : BR015 : Logout direct user or admin to home page.
Browser Back button will not bring the user or admin back after reaching Home page.

