

Home Insurance System

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Git URL :

<https://github.com/minionsnow/Home-insurance-system-maven-spring-MVC-hibernate.git>

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.

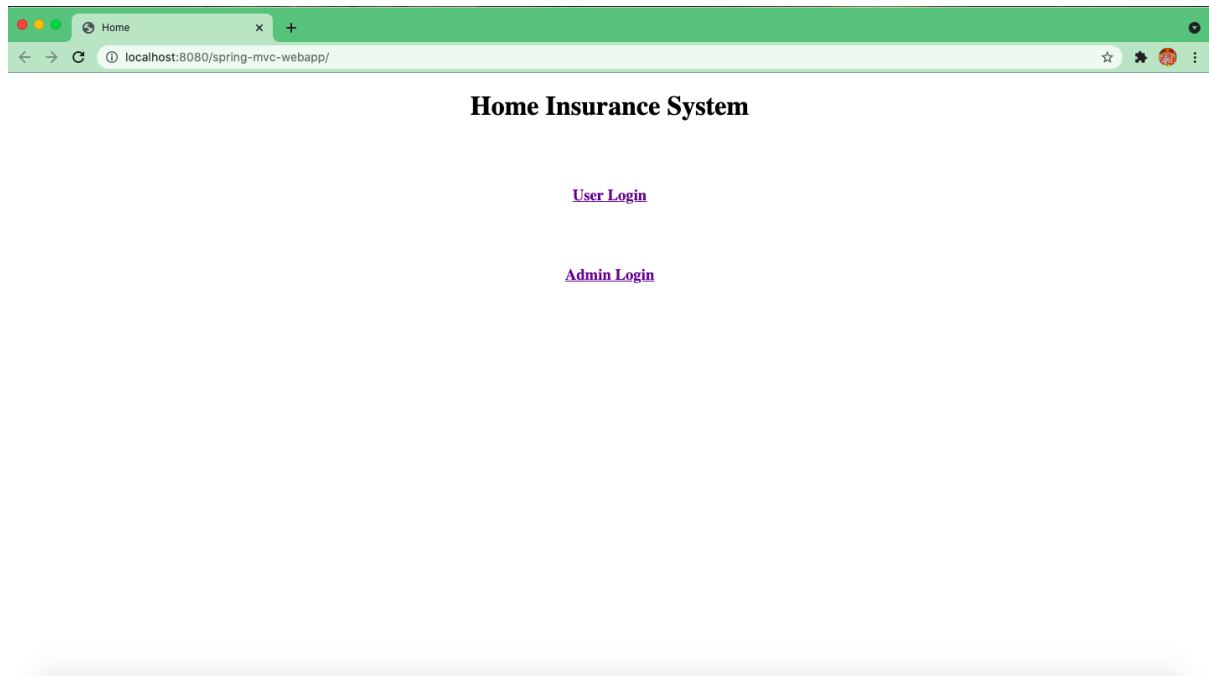
```
db.properties
1 driverClassName = com.mysql.cj.jdbc.Driver
2 url = jdbc:mysql://localhost:3306/test1
3 username = root
4 password = 12345678
```

Dispatcher Servlet : MyServlet-servlet.xml

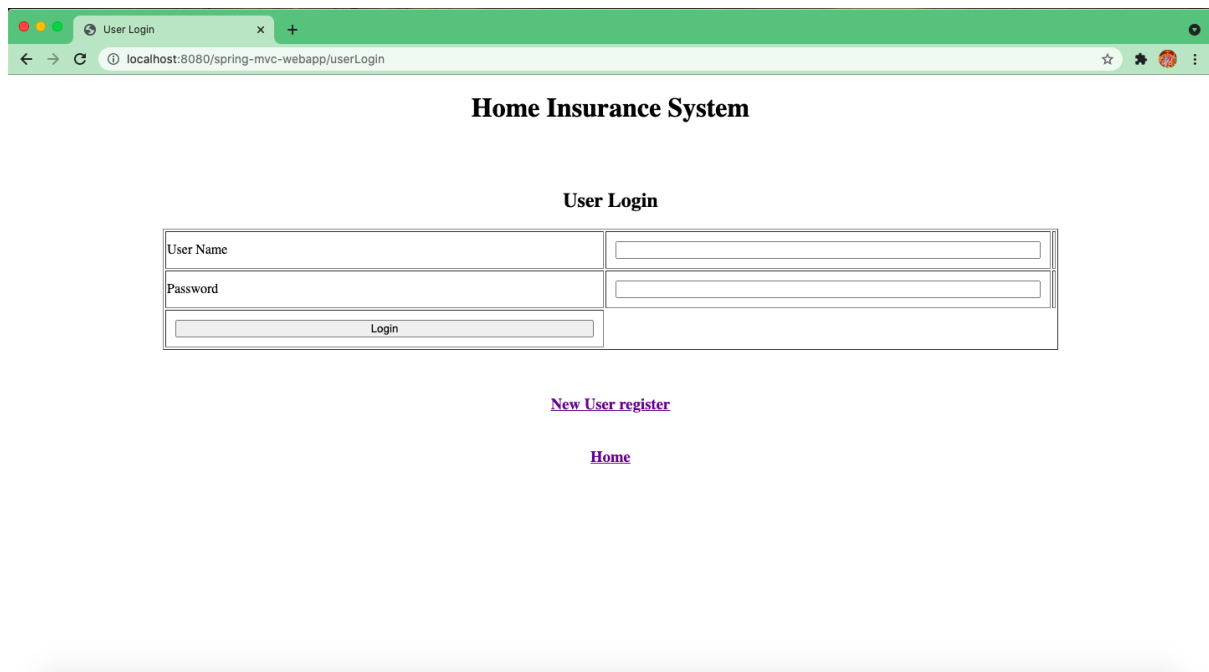
```
MyServlet-servlet.xml
1 <?xml version="1.0" encoding="UTF-8"?>
2 <beans xmlns="http://www.springframework.org/schema/beans"
3       xmlns:context="http://www.springframework.org/schema/context"
4       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
5       xsi:schemaLocation="http://www.springframework.org/schema/beans
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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[Home](#)

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

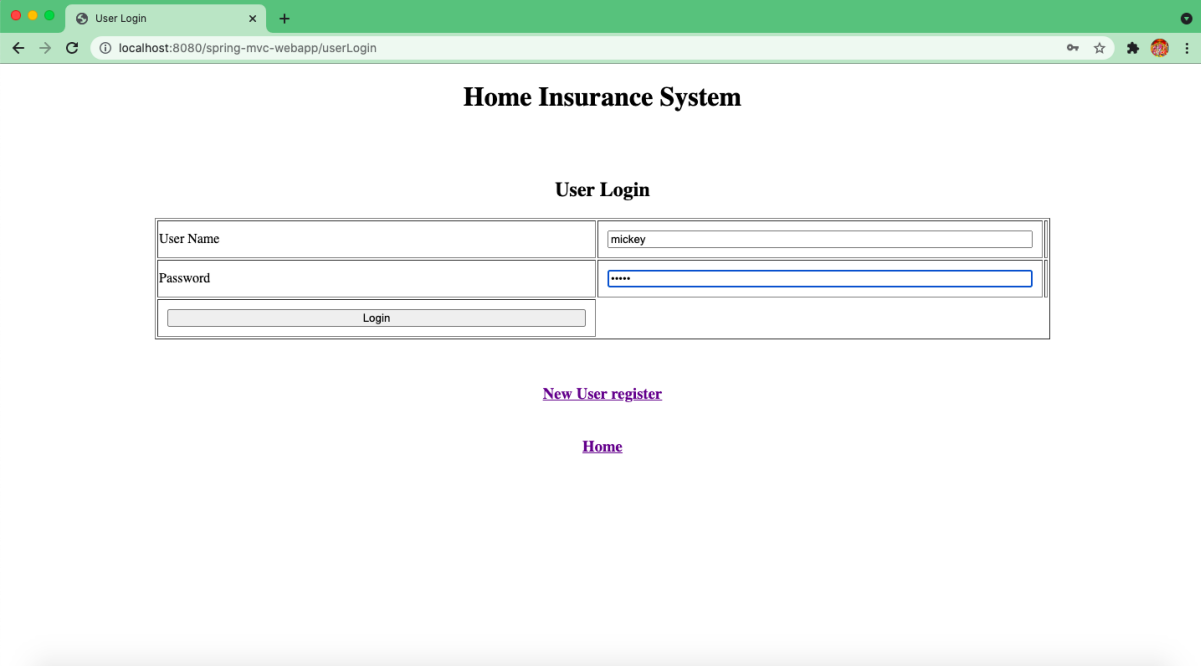
User Name	<input type="text" value="mickey"/>
Password	<input type="password" value="*****"/>
<input type="button" value="Submit"/>	

username already exist

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Login with username mickey.



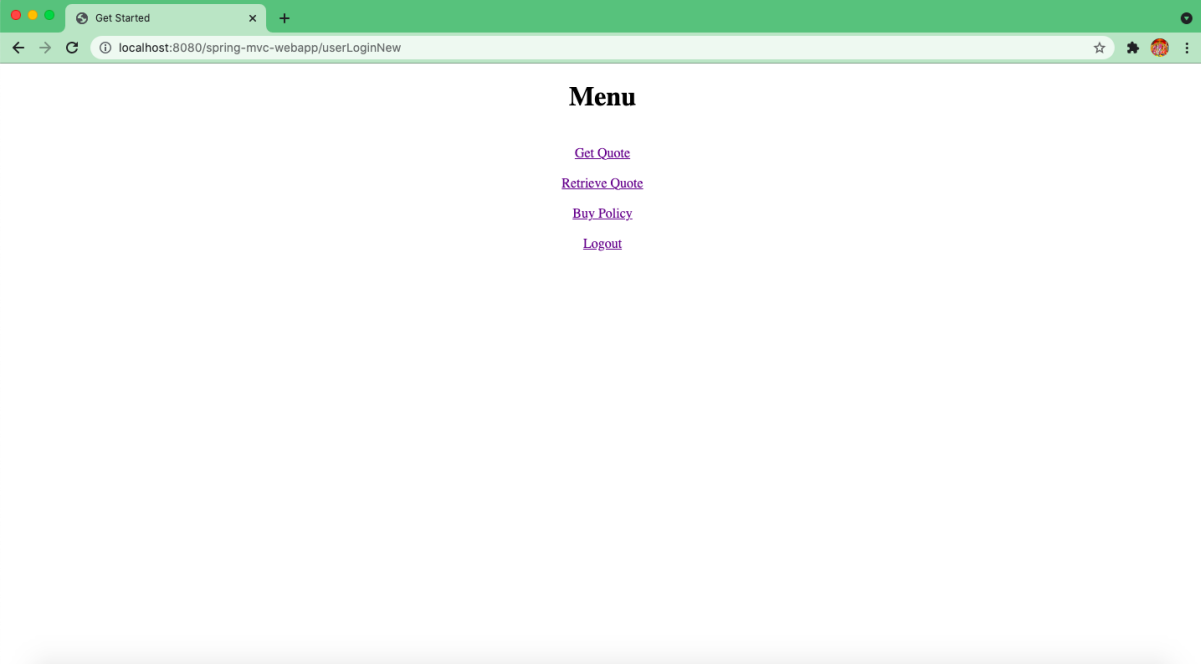
The screenshot shows a web browser window with the title 'User Login'. The address bar displays 'localhost:8080/spring-mvc-webapp/userLogin'. The main content area features the heading 'Home Insurance System' and a sub-heading 'User Login'. Below this is a login form with two input fields: 'User Name' containing 'mickey' and 'Password' containing '*****'. A 'Login' button is positioned below the password field. At the bottom of the form, there are two links: 'New User register' and 'Home', both in purple text.

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

[New User register](#)

[Home](#)

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



The screenshot shows a web browser window with the title 'Get Started'. The address bar displays 'localhost:8080/spring-mvc-webapp/userLoginNew'. The main content area features the heading 'Menu'. Below this heading are four links: 'Get Quote', 'Retrieve Quote', 'Buy Policy', and 'Logout', all in purple text.

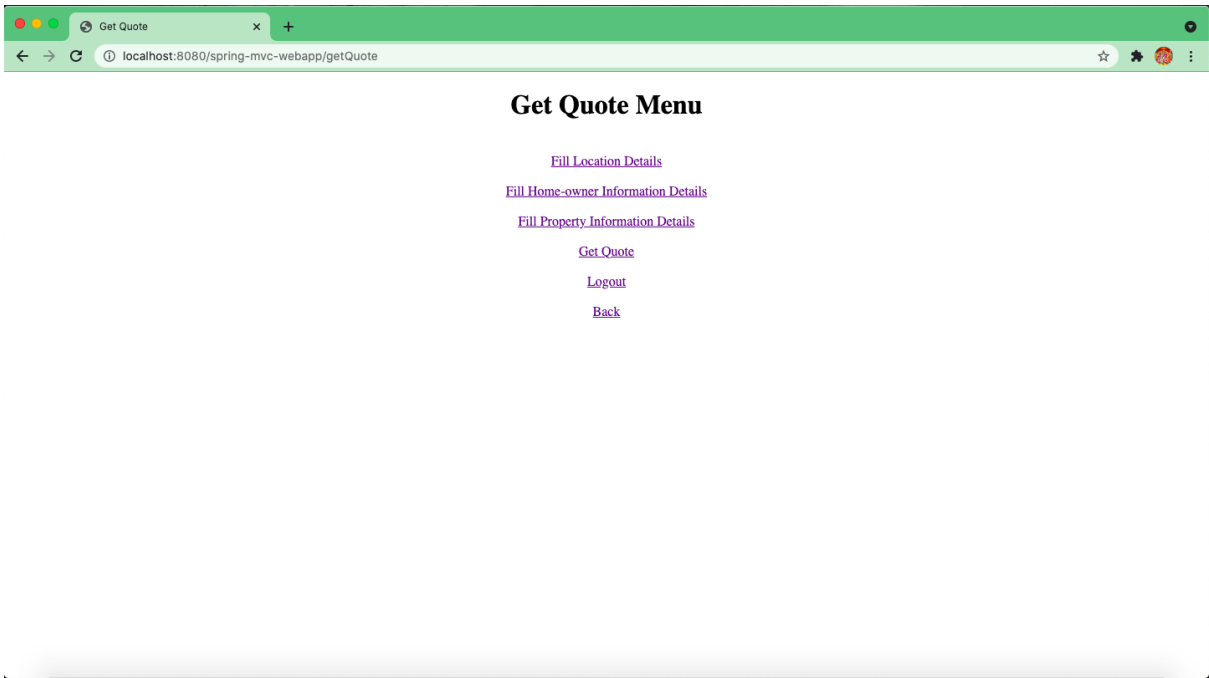
[Get Quote](#)

[Retrieve Quote](#)

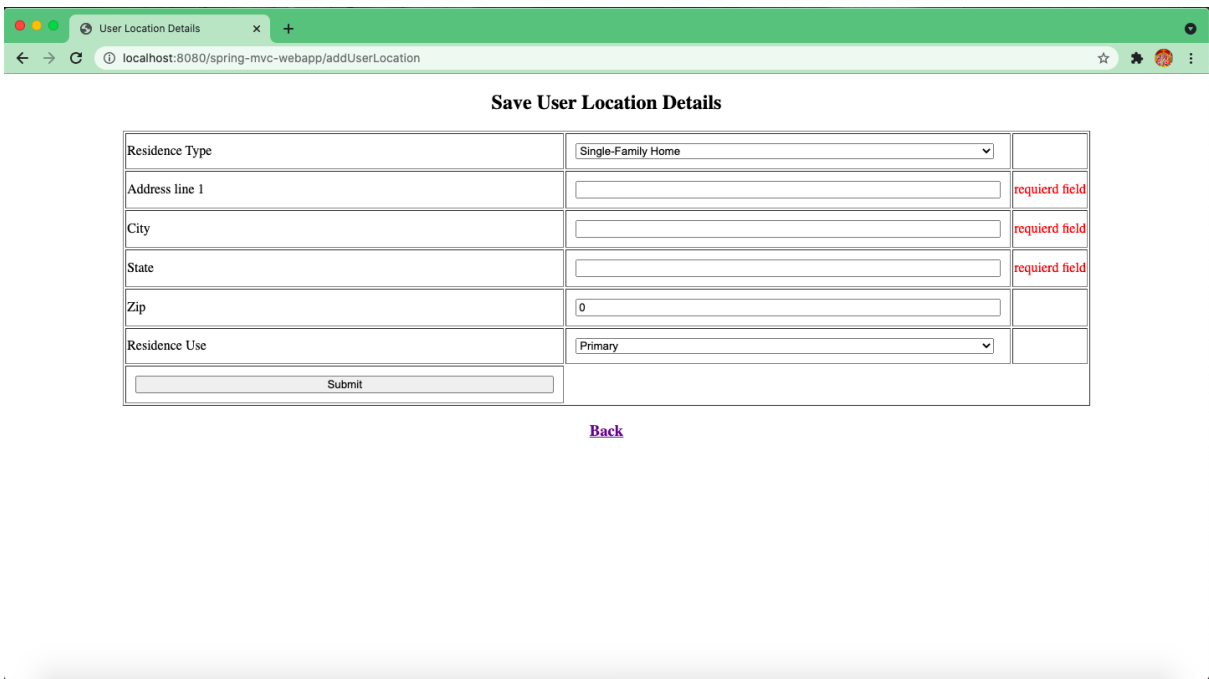
[Buy Policy](#)

[Logout](#)

Get Quote Module Page :



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



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		requird field
Last Name		requird 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		requird field
Submit		

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Filling Details :

Home Owner Details x +

localhost:8080/spring-mvc-webapp/homeOwner

Save Home-owner Information Details

First Name	<input type="text" value="Mickey"/>
Last Name	<input type="text" value="Mouse"/>
Date of Birth (dd/mm/yyyy)	<input type="text" value="21/05/2002"/>
Are you retired?	<input type="text" value="No"/>
Social Security Number	<input type="text" value="123456789"/>
Email Address	<input type="text" value="mickey@disney.com"/>
<input type="button" value="Submit"/>	

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

Property Details x +

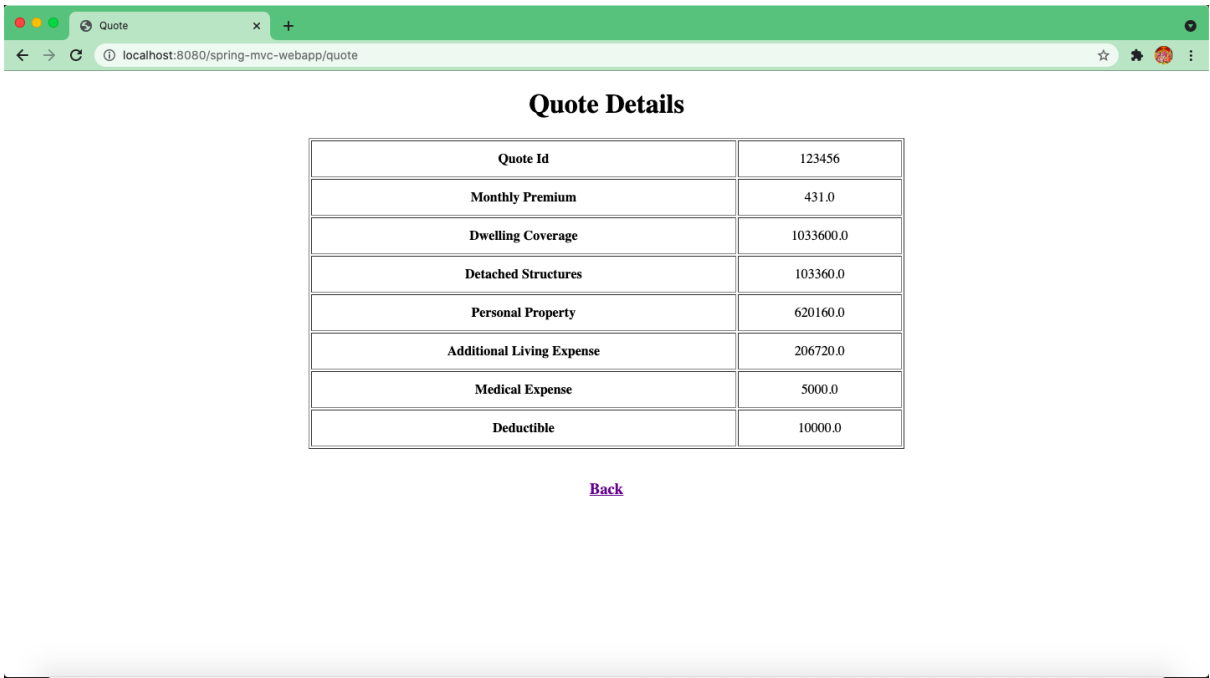
localhost:8080/spring-mvc-webapp/property

Save User Location Details

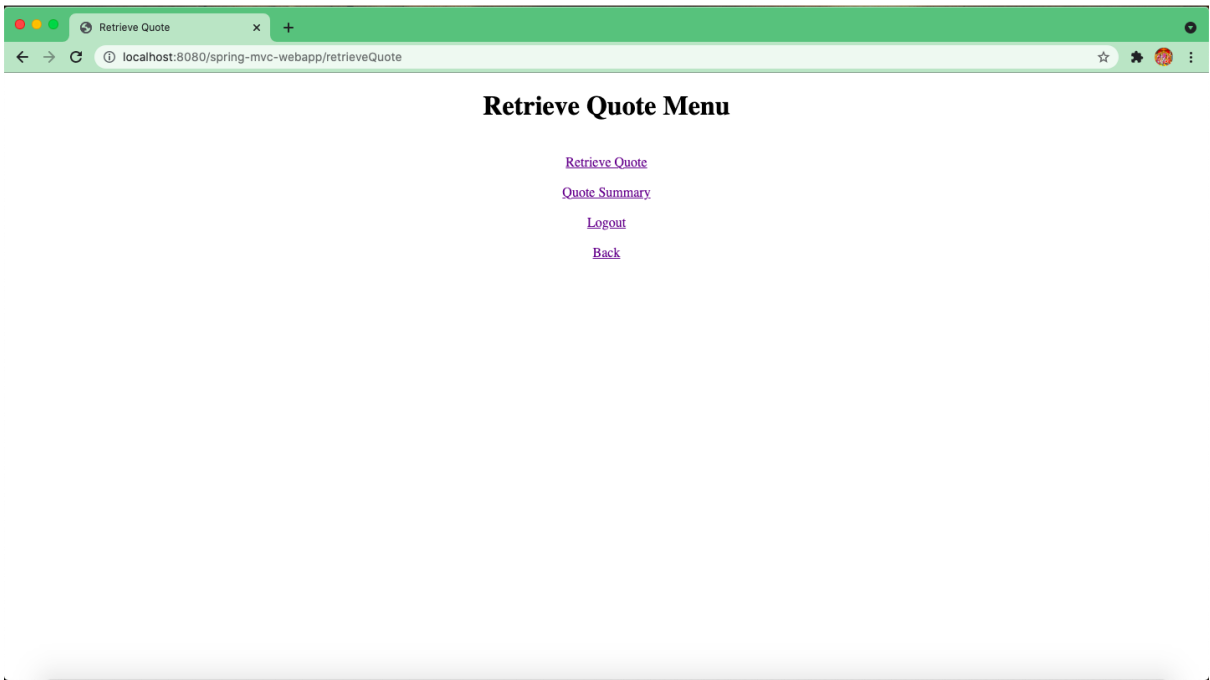
What is the market value of your home?(in \$)	<input type="text" value="1000000"/>
What year was your home originally built?(in yyyy)	<input type="text" value="2005"/>
Square footage(in sq. foot)	<input type="text" value="400"/>
Dwelling style	<input type="text" value="2 story"/>
Roof material	<input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

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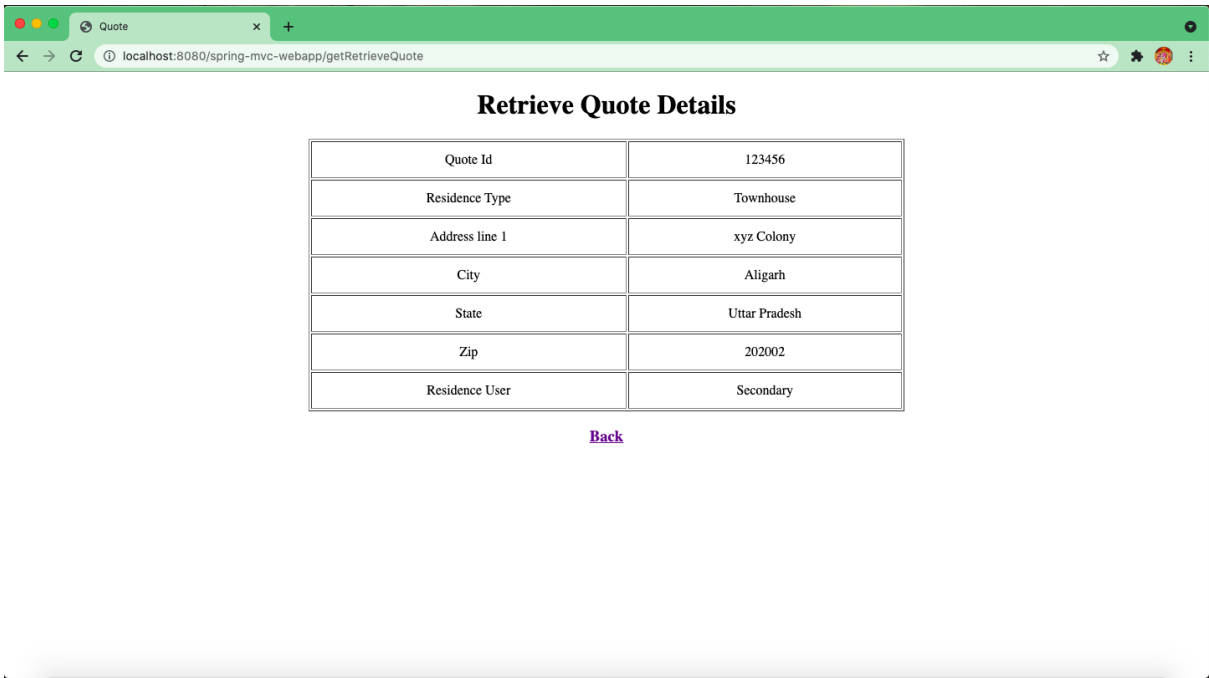
Get Quote Module - Quote Page : Business Requirement ID : BR007 :



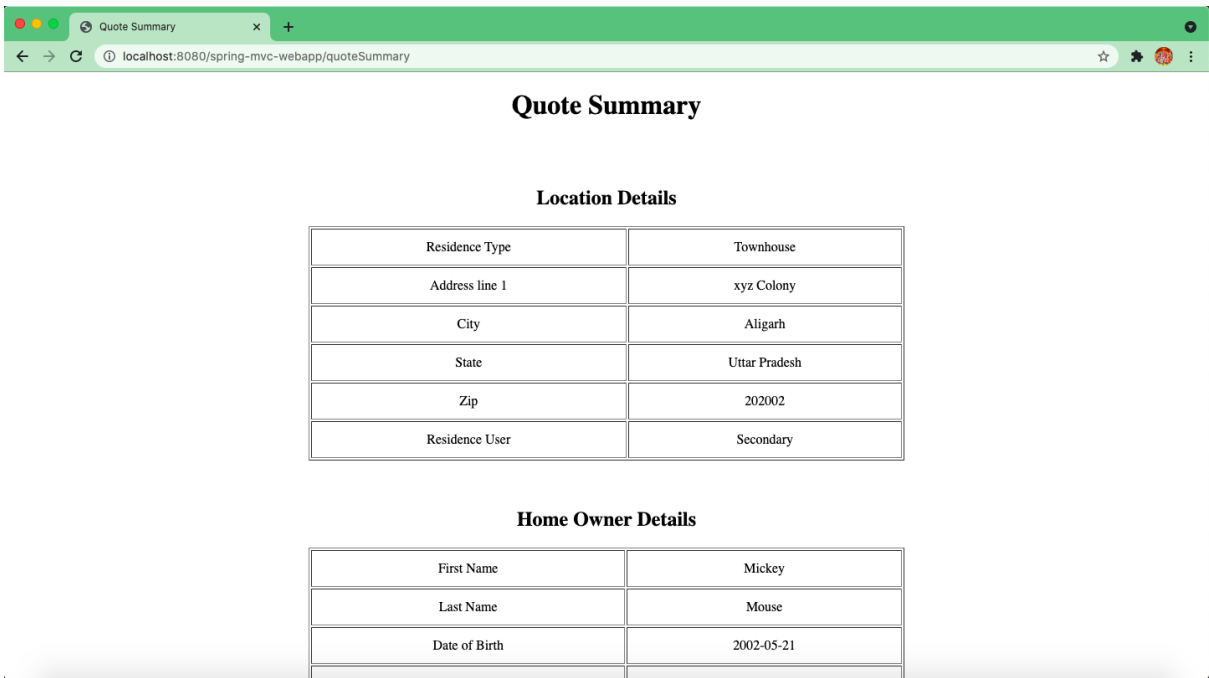
Retrieve Quote Module Page :



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



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



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 URL 'localhost:8080/spring-mvc-webapp/addPolicy'. The page displays a form titled 'Buy Policy Details'. The form has two input fields: 'Policy Effective Date(in dd/mm/yyyy)' with the value '12/09/2021' and 'Policy End Date(in dd/mm/yyyy)' with the value '11/11/2022'. Below these fields is a 'Submit' button. A red validation message is displayed below the form: 'Effective date must be after atleast 60 days from today.' A purple 'Back' link is also visible above the message.

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"/>	

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Effective date must be after atleast 60 days from today.

Validation : End date must be after Effective Date.

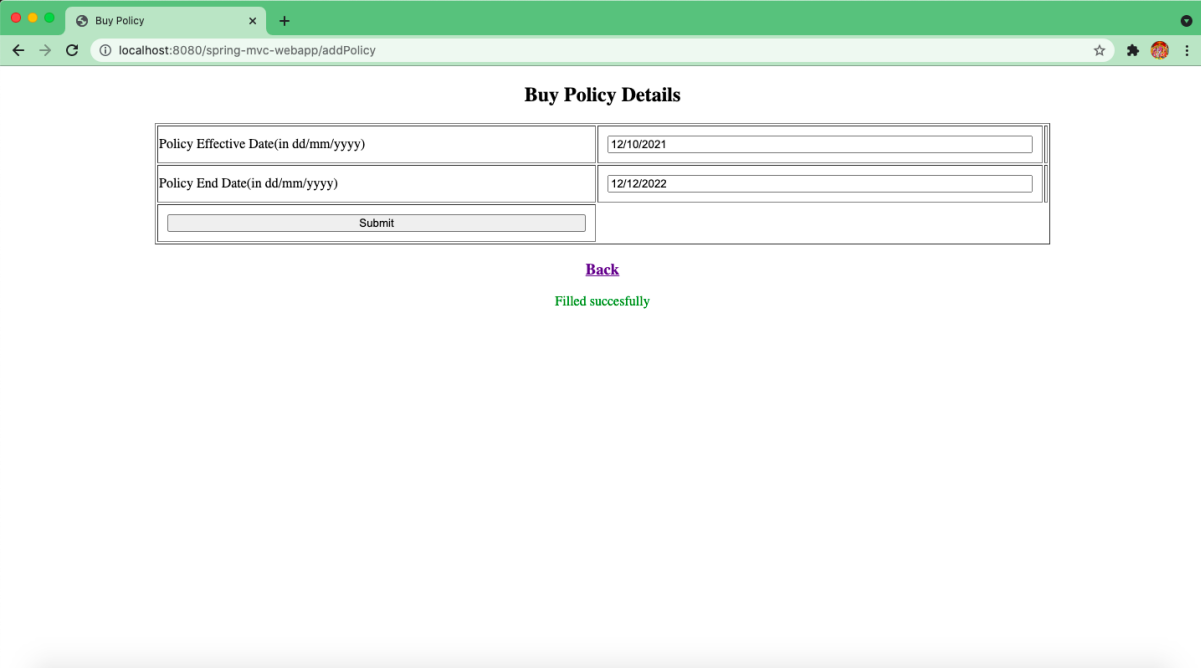
The screenshot shows a web browser window with the title 'Buy Policy' and the URL 'localhost:8080/spring-mvc-webapp/addPolicy'. The page displays a form titled 'Buy Policy Details'. The form has two input fields: 'Policy Effective Date(in dd/mm/yyyy)' with the value '12/09/2021' and 'Policy End Date(in dd/mm/yyyy)' with the value '12/08/2021'. Below these fields is a 'Submit' button. A red validation message is displayed below the form: 'End date must be after Effective Date'. A purple 'Back' link is also visible above the message.

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

localhost:8080/spring-mvc-webapp/addPolicy

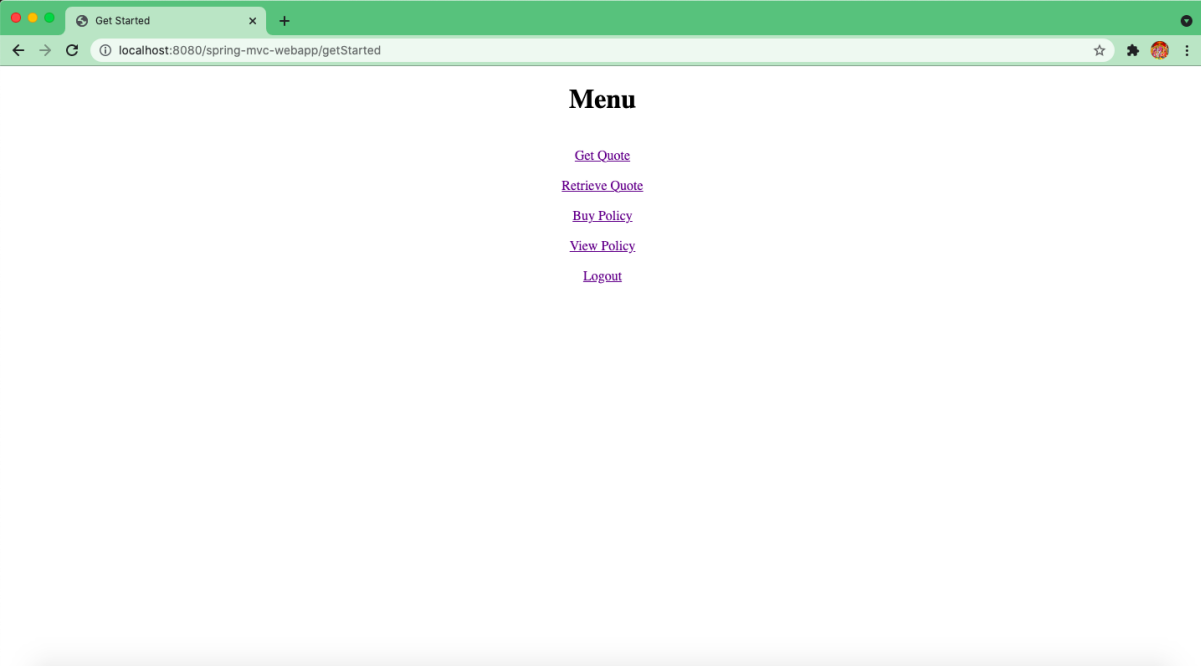
Buy Policy Details

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"/>	

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Filled successfully

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



Get Started

localhost:8080/spring-mvc-webapp/getStarted

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

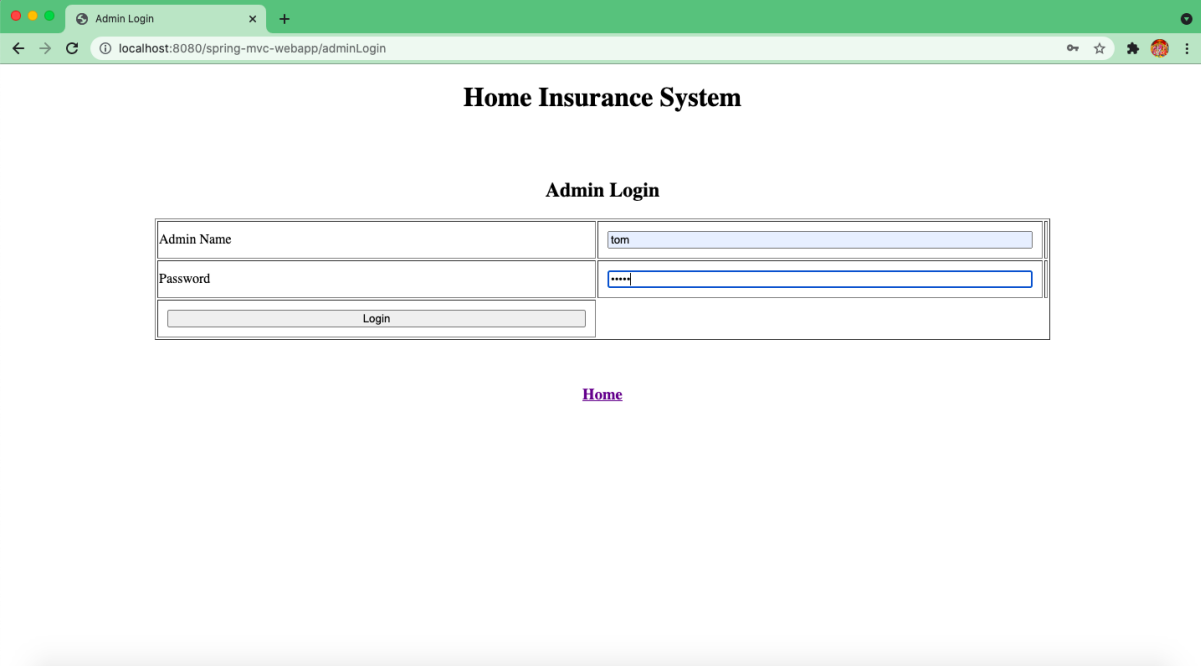
Admin Name	<input type="text"/>	adminname cannot be empty
Password	<input type="password"/>	password cannot be empty
<input type="button" value="Login"/>		

[Home](#)

An admin is created in database:

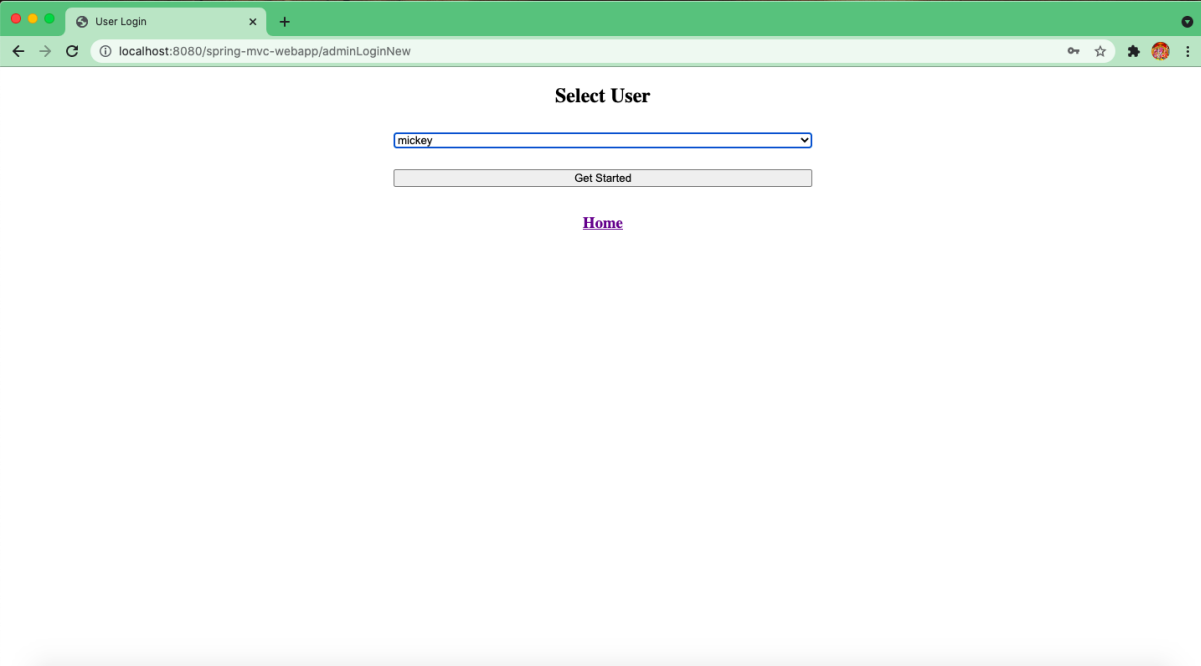
Username : tom

Password : jerry

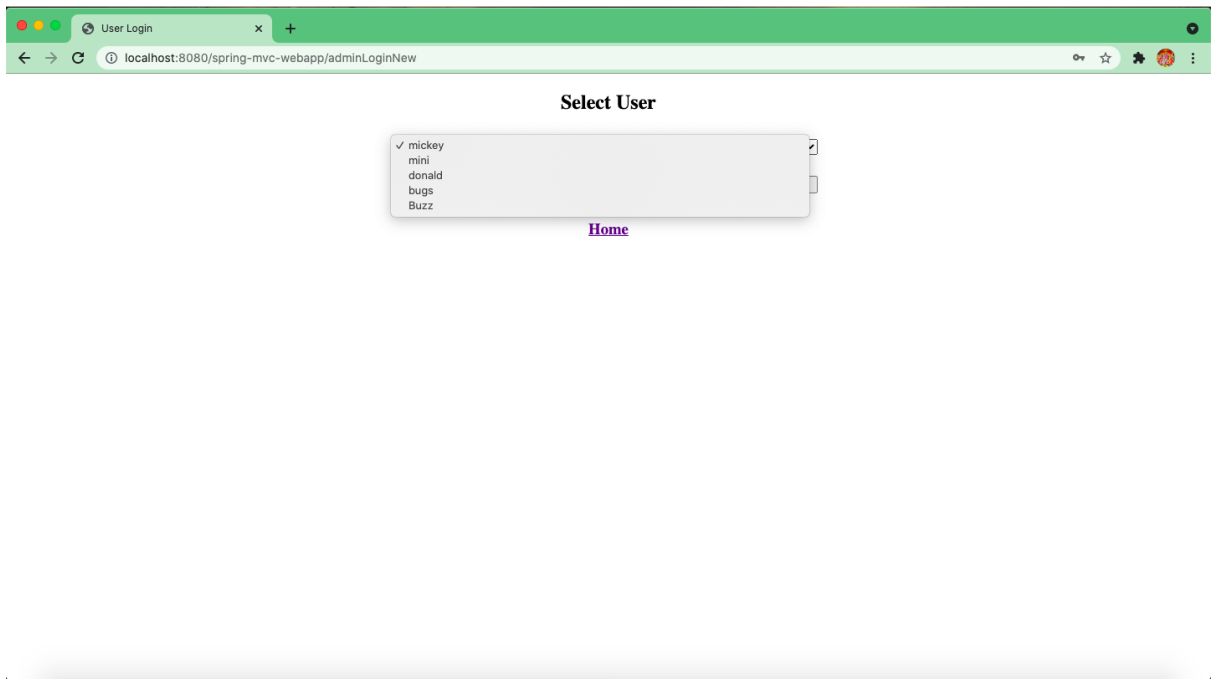


The screenshot shows a web browser window with the title 'Admin Login'. The address bar displays 'localhost:8080/spring-mvc-webapp/adminLogin'. The page content includes a heading 'Home Insurance System' and a sub-heading 'Admin Login'. Below the sub-heading is a form with two input fields: 'Admin Name' containing the text 'tom' and 'Password' containing masked characters '****'. A 'Login' button is positioned below the 'Admin Name' field. At the bottom of the form area, there is a link labeled 'Home'.

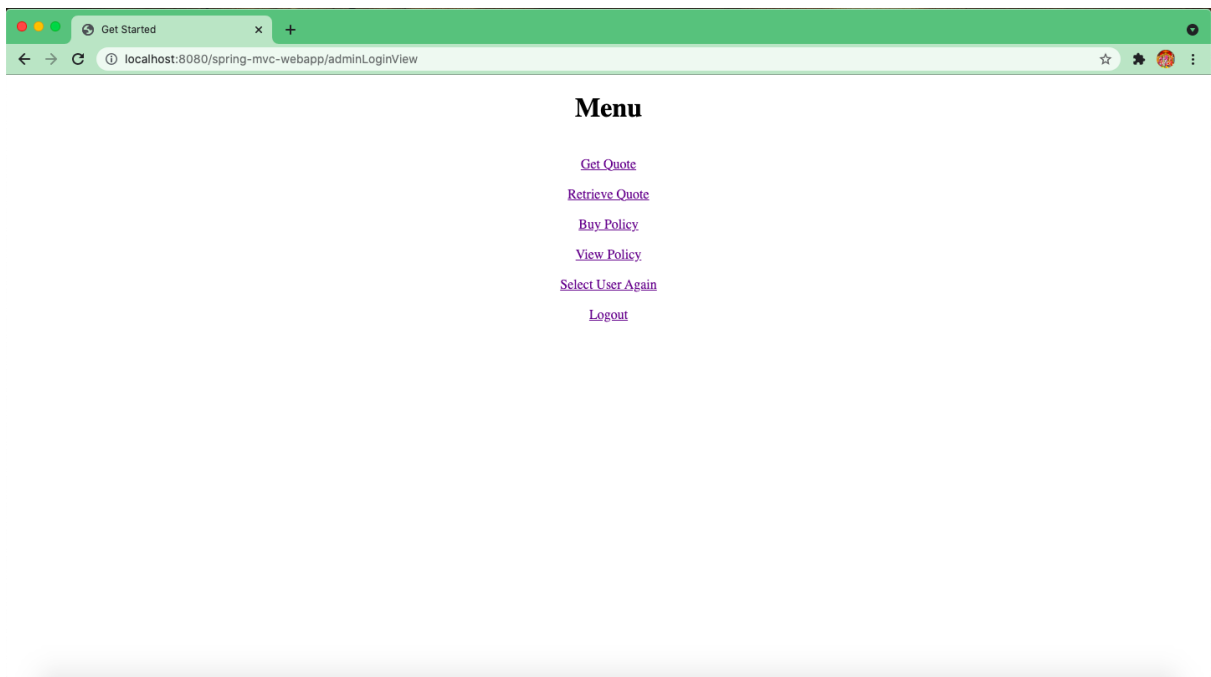
Renew/Cancel Policy Module : Business Requirement ID : BR012 : Admin can select the user from the drop down list.



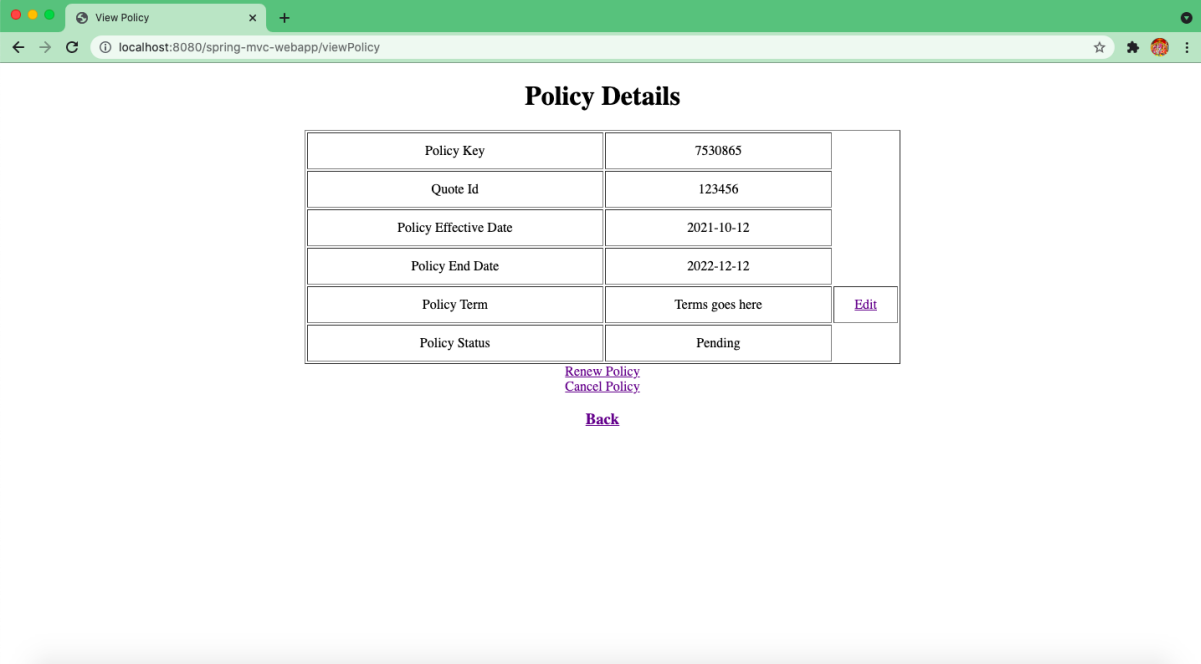
The screenshot shows a web browser window with the title 'User Login'. The address bar displays 'localhost:8080/spring-mvc-webapp/adminLoginNew'. The page content includes a heading 'Select User'. Below the heading is a dropdown menu with 'mickey' selected. A 'Get Started' button is located below the dropdown menu. At the bottom of the form area, there is a link labeled 'Home'.



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



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

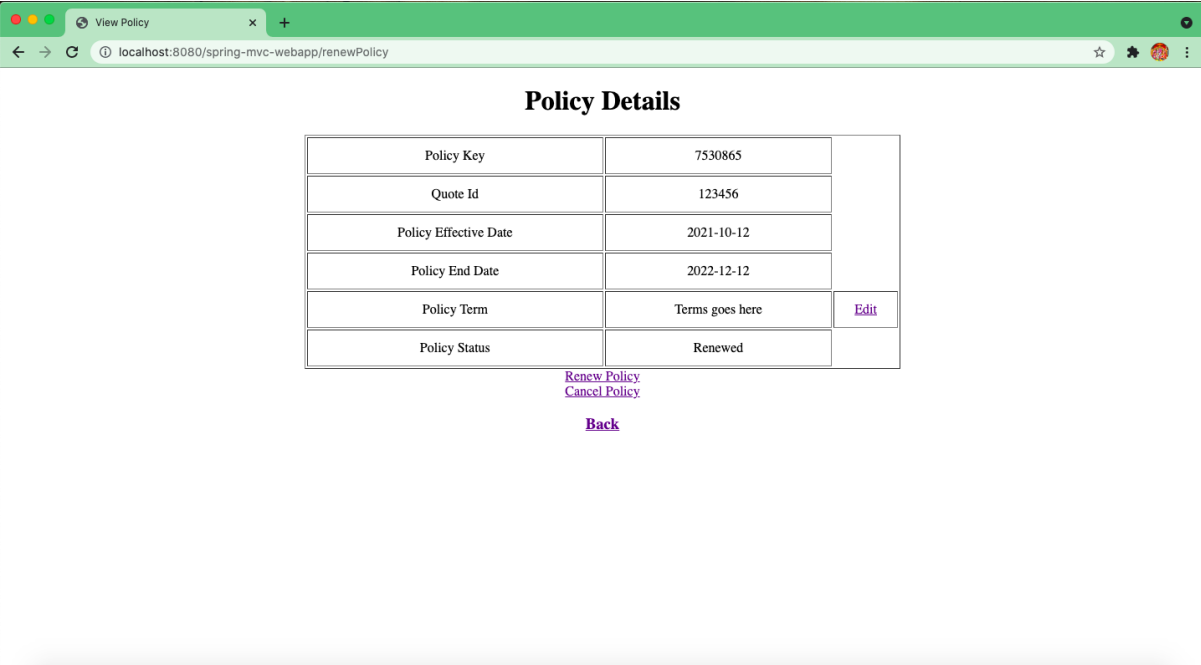


The screenshot shows a web browser window with the title 'View Policy' and the URL 'localhost:8080/spring-mvc-webapp/viewPolicy'. The page displays a table titled 'Policy Details' with the following information:

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.

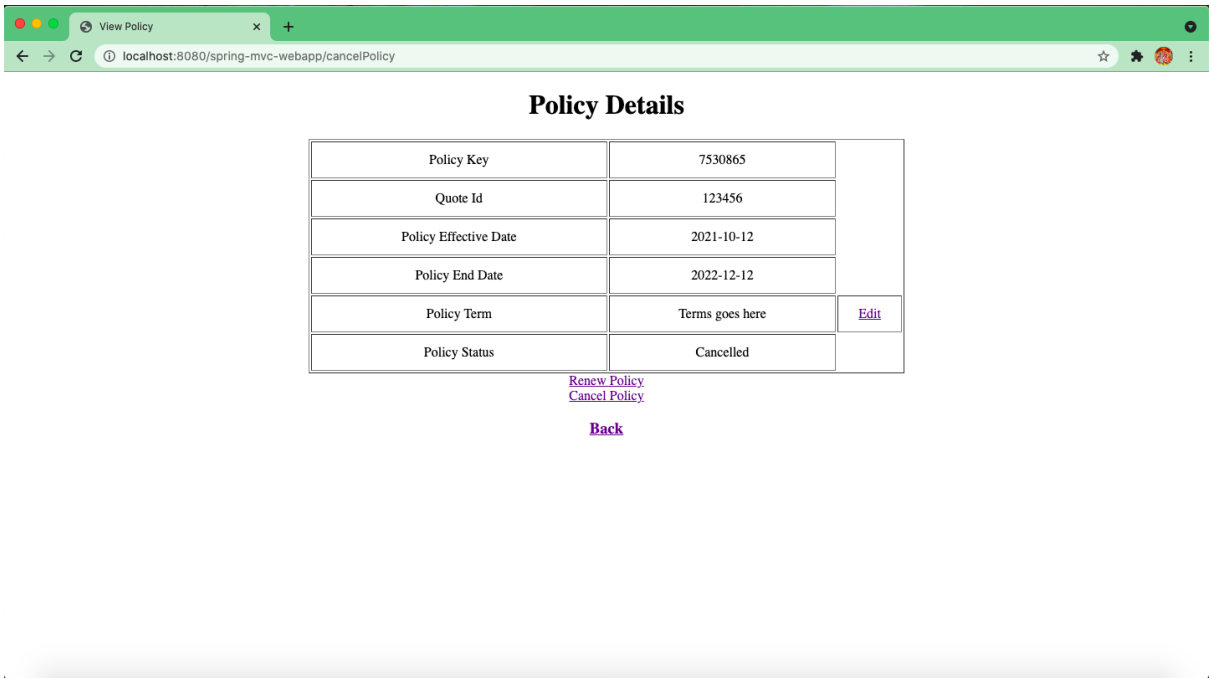


The screenshot shows a web browser window with the title 'View Policy' and the URL 'localhost:8080/spring-mvc-webapp/renewPolicy'. The page displays a table titled 'Policy Details' with the following information:

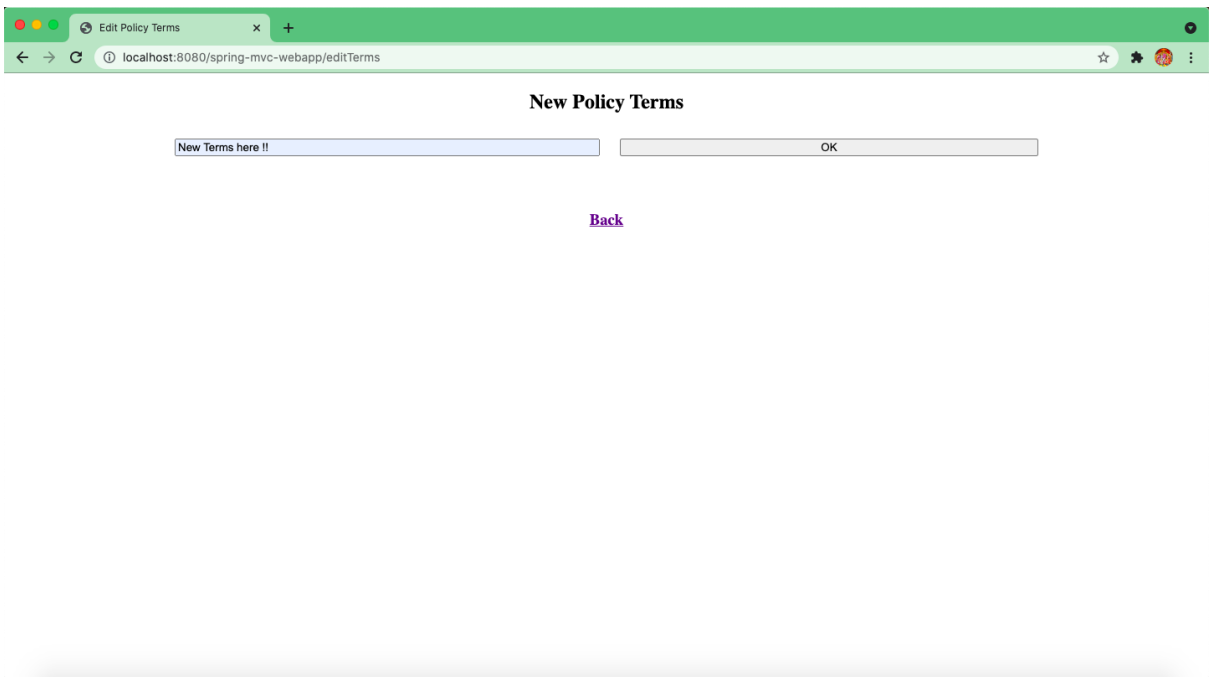
Policy Key	7530865	Edit
Quote Id	123456	
Policy Effective Date	2021-10-12	
Policy End Date	2022-12-12	
Policy Term	Terms goes here	
Policy Status	Renewed	

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

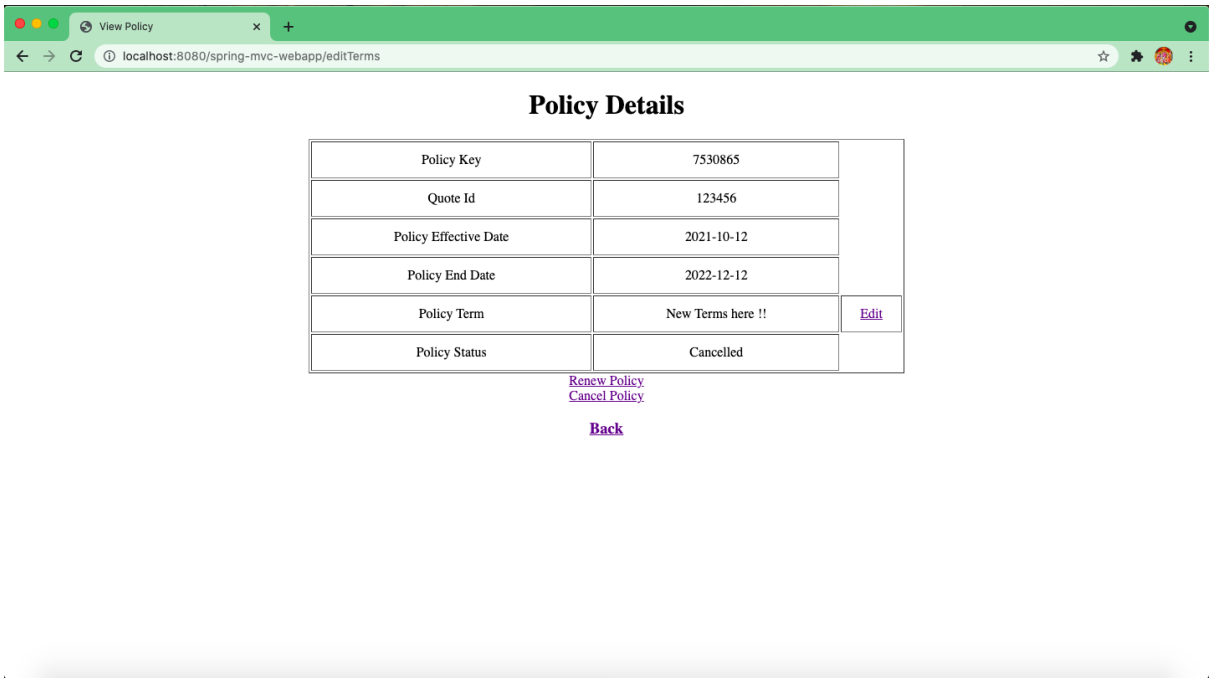
Cancel a Policy.



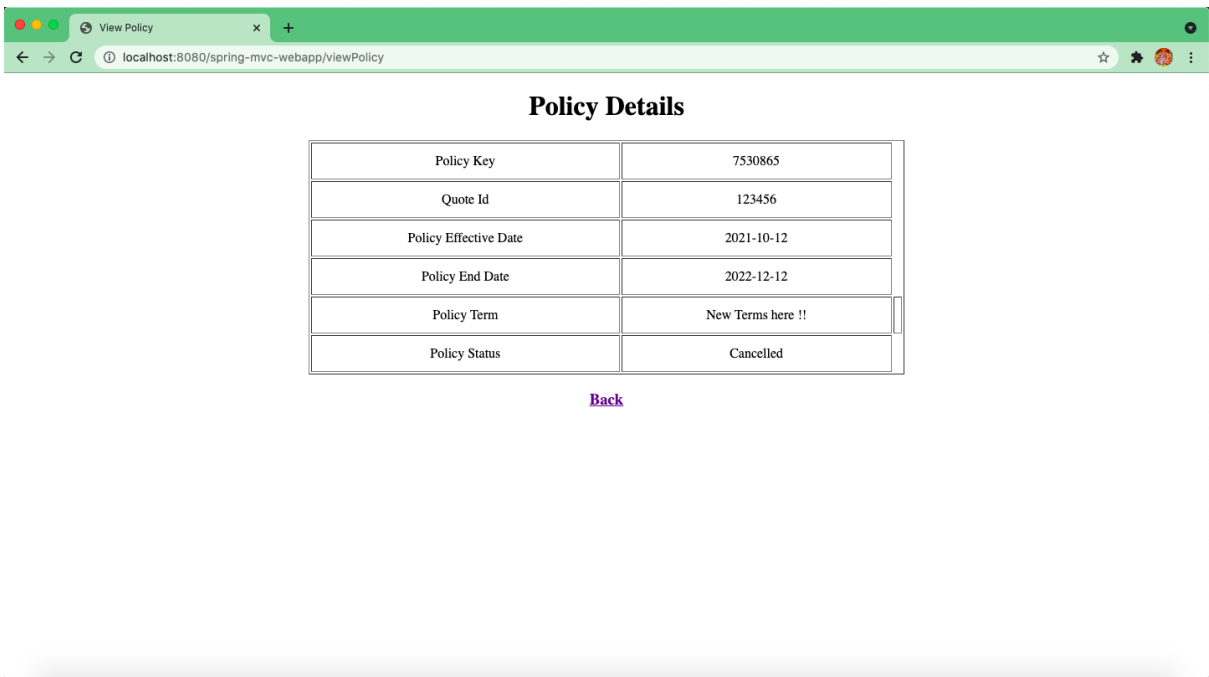
Edit Policy Terms:



Policy terms changes are taken.



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



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.

