EVENT MANAGEMENT APPLICATION

Requirements of the Lab : A Spring REST Application

   2 clients minimum

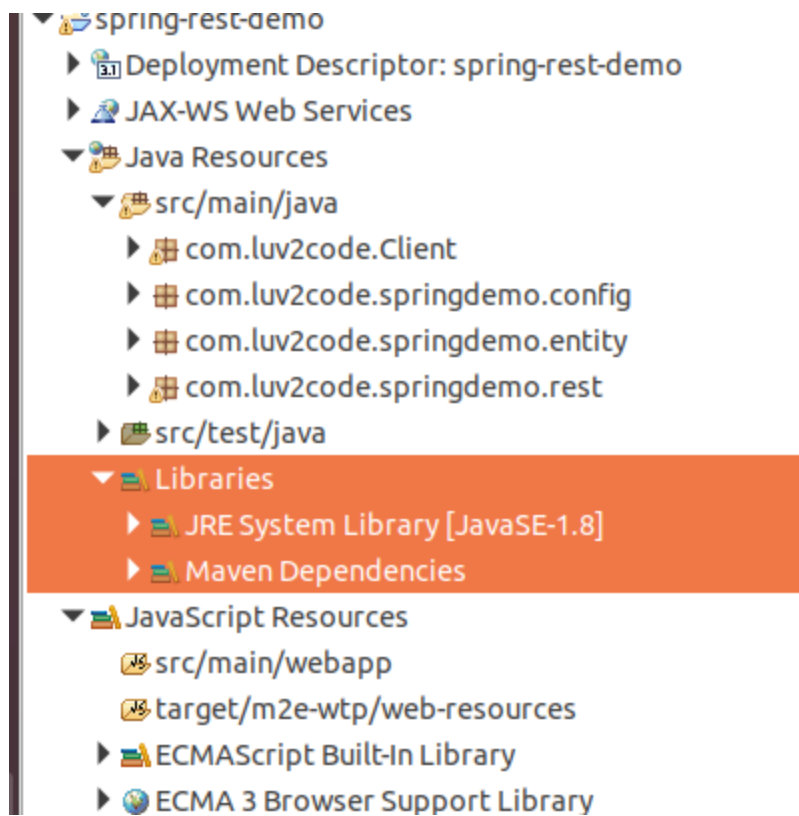   A server

      Implement all the CRUD operations

To run the project :

1. Using an IDE would be the best, I used Eclipse for the project

2. Download any version of Tomcat that you may like, Install the Tomcat plugin into the Eclipse IDE.

3. I used the Maven Build Tool for running the project , kindly follow the directory structure of all the dependencies and files.

Mine looked something like this
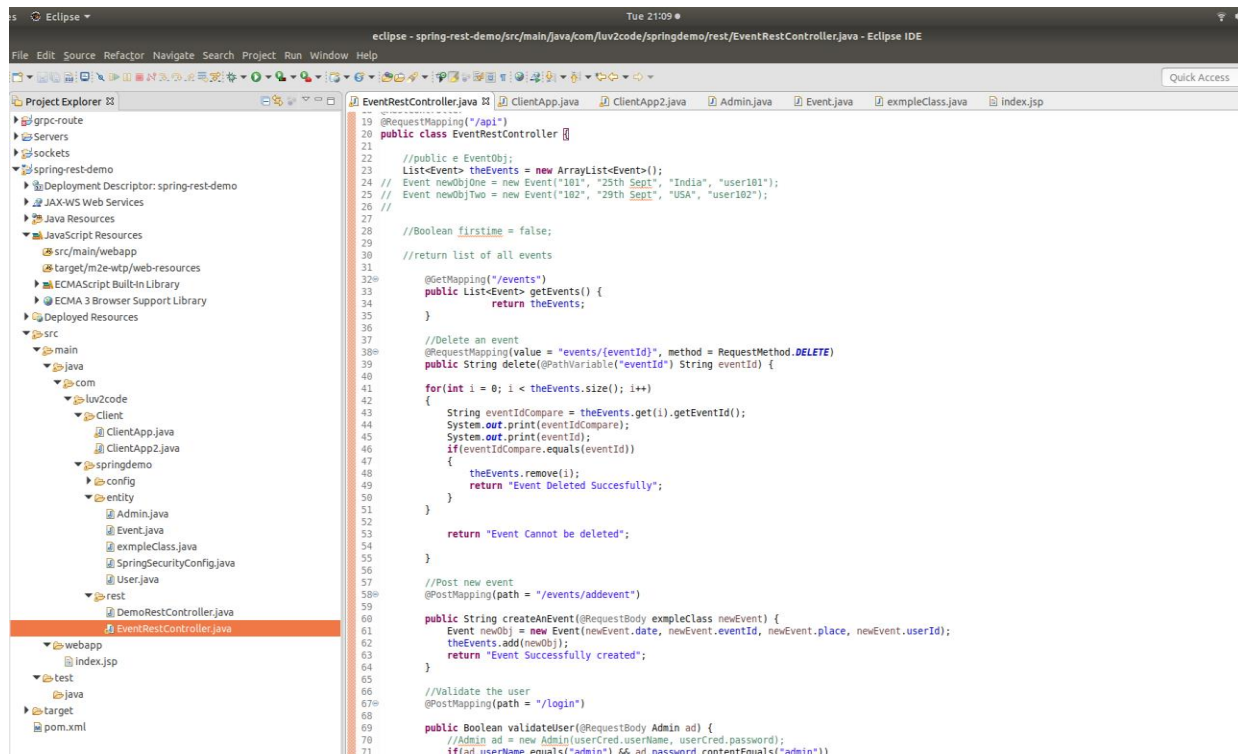
4. Add the required libraries to the configuration path

5. Run the Tomcat server

6. Run the two client applications

The applications will run in two consoles. Login as an admin in one and then access the events in the other as a guest client
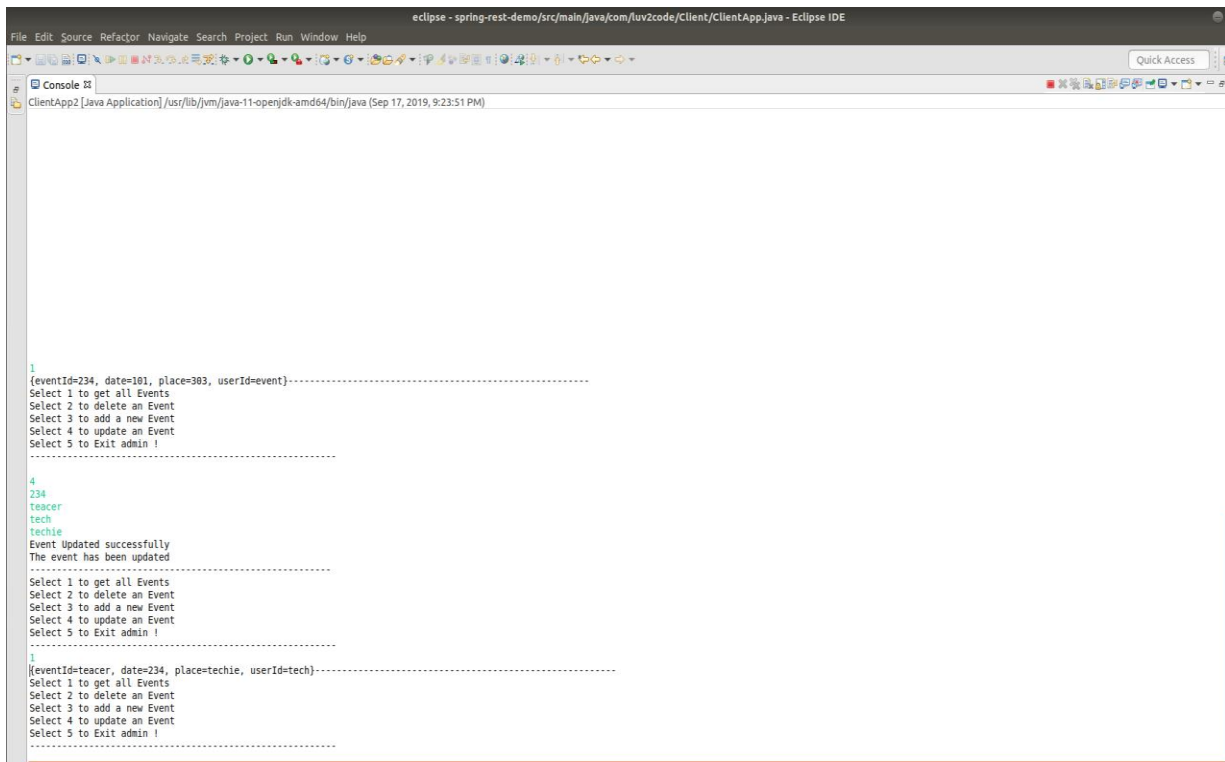
1. **POST METHOD**

2. GET METHOD

3. Update method


```
eclipse - spring-rest-demo/src/main/java/com/luv2code/Client/ClientApp.java - Eclipse IDE

File  Edit  Source  Refactor  Navigate  Search  Project  Run  Window  Help

Console

ClientApp2 [Java Application] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Sep 17, 2019, 9:23:51 PM)

1
{eventId=234, date=101, place=303, userId=event}-------------------------------------------------------
Select 1 to get all Events
Select 2 to delete an Event
Select 3 to add a new Event
Select 4 to update an Event
Select 5 to Exit admin !
---------------------------------------------------------

4
234
teacer
tech
techie
Event Updated successfully
The event has been updated
---------------------------------------------------------
Select 1 to get all Events
Select 2 to delete an Event
Select 3 to add a new Event
Select 4 to update an Event
Select 5 to Exit admin !
---------------------------------------------------------
1
{eventId=teacer, date=234, place=techie, userId=tech}-------------------------------------------------------
Select 1 to get all Events
Select 2 to delete an Event
Select 3 to add a new Event
Select 4 to update an Event
Select 5 to Exit admin !
---------------------------------------------------------
```
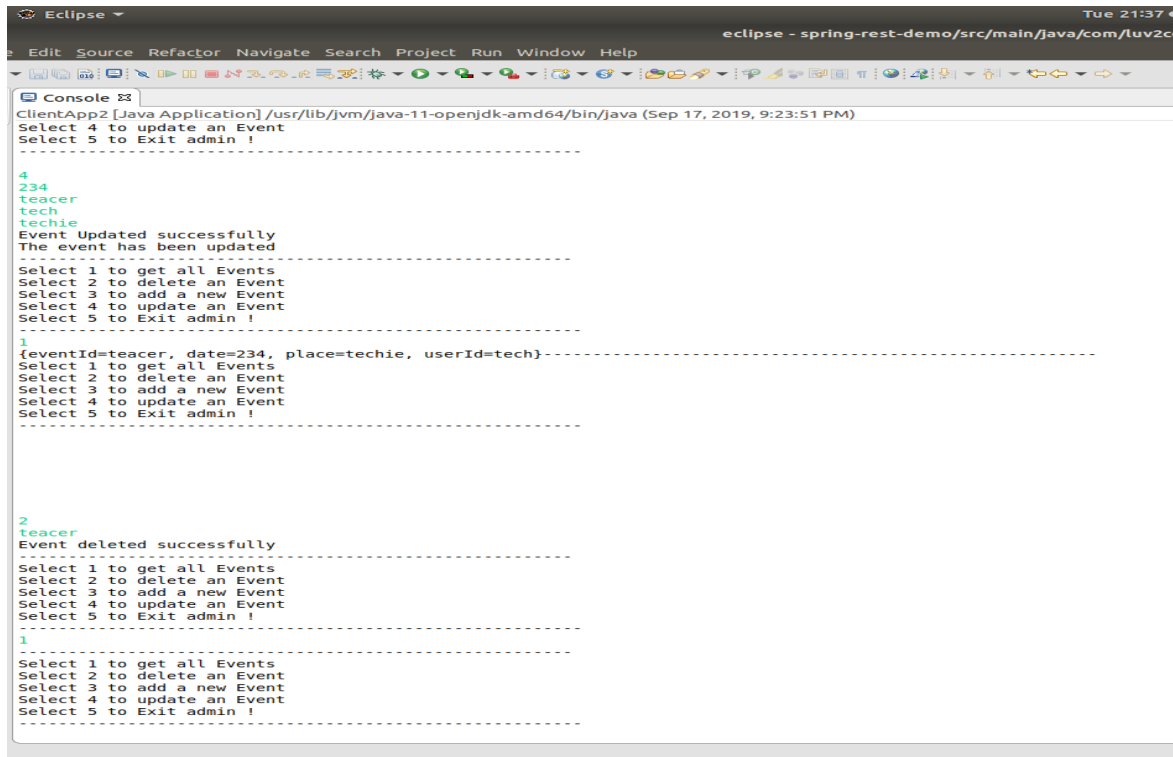
File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Quick Access

Console ✕

ClientApp (1) [Java Application] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Sep 17, 2019, 9:23:44 PM)
```
Welcome to Event Management System
Select 1 to log in as Admin
Select 2 to continue as Guest
Select 3 to Exit
2
-------------------------------------------------------
Select 1 to get all Events
{eventId=234, date=101, place=303, userId=event}Welcome to Event Management System
Select 1 to log in as Admin
Select 2 to continue as Guest
Select 3 to Exit
1
Enter Username
3
Enter Password
3
Welcome to Event Management System
Select 1 to log in as Admin
Select 2 to continue as Guest
Select 3 to Exit
2
-------------------------------------------------------
Select 1 to get all Events
{eventId=teacer, date=234, place=techie, userId=tech}Welcome to Event Management System
Select 1 to log in as Admin
Select 2 to continue as Guest
Select 3 to Exit
```

4. Delete Method

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Console ⌗

ClientApp (1) [Java Application] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Sep 17, 2019, 9:23:44 PM)

```
Welcome to Event Management System
Select 1 to log in as Admin
Select 2 to continue as Guest
Select 3 to Exit
2
--------------------------------------------------------
Select 1 to get all Events
{eventId=234, date=101, place=303, userId=event}Welcome to Event Management System
Select 1 to log in as Admin
Select 2 to continue as Guest
Select 3 to Exit
1
Enter Username
3
Enter Password
3
Welcome to Event Management System
Select 1 to log in as Admin
Select 2 to continue as Guest
Select 3 to Exit
2
--------------------------------------------------------
Select 1 to get all Events
{eventId=teacer, date=234, place=techie, userId=tech}Welcome to Event Management System
Select 1 to log in as Admin
Select 2 to continue as Guest
Select 3 to Exit
1
Enter Username
3
Enter Password
3
Welcome to Event Management System
Select 1 to log in as Admin
Select 2 to continue as Guest
Select 3 to Exit
2
--------------------------------------------------------
Select 1 to get all Events
Welcome to Event Management System
Select 1 to log in as Admin
Select 2 to continue as Guest
Select 3 to Exit
```