**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*IMPORTANT\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**All the parts have to be running together to check the complete application**

**Source files with appropriate comments have been provided in finalnew folder.**

**Please make sure these things are up and running before u test the application and the steps to start this is defined below.The functionalities can be found in the report**

**REDIS,ADMIN PORTAL,STORE FRONT,CHAT APPLICATION,MYSQL DATABASE,CODE IN ECLIPSE**

**\*\*\*\*\*\*\*\*\*\*\*\*\*Setup of the application\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Please find the project in the below URL**

<https://drive.google.com/open?id=1me8Gr8-rUK29BDTx84O4E4LdHwECy2ap>

**1.Installation of Redis**

Please install redis which is provided in the package

To run redis

First Run redis server and then redis client

To check whether redis setup is up and running from the client window of redis do a **ping** request to the server

To view session information run command **monitor** in client side of redis

**2.Setup of Admin Portal and Store Front /customer portal**

Make sure you have npm and Node.js installed else please do install.

Node\_module folder is provided by default if it says node modules missing only then please do a npm install as it needs to configure for your system.

**You need to run both the admin portal and Store front on two different Ports**

**To run Admin portal**

Open Command Prompt and navigate to the path where you have unzipped the folder AdminPortal

In you command prompt run the command

**ng serve**

By default the application will run on port 4200

**Login Admin Portal**

**Username -j**

**Password-p**

Functionalities present

**View Book List**

**Add books**

**Edit books**

**Delete Books**

**To run the Store Front**

Navigate to the folder where you have StoreFront

Open Command Prompt and run the command

**ng serve --port 4201**

**Store Front**

Since the Database will not have any users present please create a new account for the user .

A password will be sent to your email id

Use the password and the email id sent to your mail address to login

Once you login you will have these functionalities

**View Books**

**Search for Books**

**Add a book to cart**

**Update the user details**

**Add Payment information**

**Add shipping information**

**Order a book**

**View the order details**

**Check your previous order**

**Forgot Password**

**Create a new Account**

**Login and Logout**

**3.Setup of the Database**

Open SQL workbench and create a schema with name **bookstoreapi**

Please edit the username and password in the **application.properties** file according to your database

**4.Import the java code to your eclipse environment**

**Import 🡪existing projects into workspace 🡪choose the folder**

Make sure you have spring Boot in your eclipse else please do install that as well.Also run the chat application in a separate workspace as it is not spring Boot Application

Once maven has downloaded the required jar files into your workspace ,run the program as Spring Boot Application.

While uploading a new book or editing a new book please fill the required fields and to check the images uploaded please do a refresh option in your eclipse on the folder src/main/resources/static/image/book

As eclipse doesn’t provide automatic refresh of the resources .

**5.After performing all these configurations the application is ready.If anything is not working please re check all these configurations .**

**We have performed tests on 3-4 different computers and usually found problem is we would have missed one of the configuration which results in error .**

**6.Email ID setup**

**File:**

Email id is removed to check email facility please make sure your in google account settings you have allows secure apps to run option on

Provide a valid email id and password in **application.properties**

**7.Chat With Us**

To implement chat application ,please import this also into your another workspace of eclipse and run it as Spring Boot Application

**Comments have been provided to all of the functions in the application which we have written and not to system generated files**

**All the functionalities have been demonstrated in the demo right from session management to login and logout .**