Required software’s:

1. Java JDK-20
2. Eclipse
3. MySQL Workbench
4. MySQL Server
5. Tomcat Server

Note: Make sure you have all the software’s installed and running.

Instructions to run the project:

1. In MySQL workbench create project related tables which are (User, Client, Tree, Quote Request, Quote response, orders and bill).
2. In eclipse, import database folder from GitHub in eclipse workspace folder and set the java compiler and facets from properties to installed version to 20.
3. To get the server which is Apache tomcat version 9 from the respected folder and check whether the server is running or not by running startup.bat and shutdown.bat in Apache directory.
4. Run the login.jsp file in eclipse on Apache server and give respected credential as per the saved id and password in the database.
5. For registering a new user either click register button or run register.jsp in eclipse to register a new user with their respected role (David Smith, Client, Admin Root).
6. For initializing the database hit the initialize button after logging into the root view so it should initialize the database with all hard coded values in java program and delete newly added user from database.
7. To run the project right click on login.jsp -> run as server -> Apache 9.0 Server so it will redirect to the webpage and use appropriate login credential as per the database and after that you can create initial quote request and also view all quotes which has been previously added (if exists).
8. In quote request you can add Tree details such as size height and location. It will create an initial quote request.
9. In response to that David smith can see the quote request and set price and start and end date and forward it to the client.
10. If client is not satisfied with price and the dates he can negotiate via note so that David smith can see the negotiation part and update from his view.