Java Client – Server (Light-Temperature) Assignment

*Object oriented system design - st20167111- Khalid noor*

Description of application.

Application creating purpose to start client server mechanism, That work to handle both side working like room temperature and room light. I have to set room temperature by to handle to fan and light by background color in java swing GUI means when we start both side programs which is connected to server. If start Temperature client connect to server then server send message to client by room temperature and if light client connect to server then server send light level lumens to client and save it to CSV file. If server send stop message to both clients then server read csv file after stop client server communication. Now I have to start to elaborate that how we run java server and client services.

Step 1.

Run server by command line.

Example:-

Compile Java Server Code by Command line.

Javac Server.java

Execute Java Server by Command line with port.

Java Server 5000

Step 2.

Run Client after server started by Command Line.

Example:-

Compile Java both client side code with swing GUI Frame

Javac ClientTempFrame.java and javac ClientLightFrame.java

Execute Java Clients code

Java ClientTempFrame localhost 5000 temperature

Github link: https://github.com/Khalidnoor9966667/JavaProject