**Server Application Guide**

How to run the program:

1. specify the csv file path in ‘clienthandler’ class in ‘sendData’ method **(Important)** as the default path is set to the developer’s path.
2. Build ‘build\_server.xml’ file using ant
3. Build ‘build\_client.xml’ file using ant
4. Build ‘build\_manager.xml’ file using ant
5. Run server by opening ‘execute\_server\_program.batch’ file (must be run first before client and manager),then the server will start listening to incoming clients or manager
6. Run client by opening ‘execute\_client\_program.batch’ file(can run multiple clients by opening the batch file several times)
7. Specify client type by typing ‘heat’ or ‘light’ in the client window
8. Run manager by opening ‘execute\_manager\_program.batch’ file

Commands:

-Type ‘exit’ in the client’s window to close connection with the server

-Type ‘shutdown’ in the manager’s window to shut the server down and close all connections