

# Decentralized Peer to Peer File Sharing System

CS550 – Advanced Operating System

Pradyot Mayank(A20405826)

## User Manual:

- a) Unzip the .zip folder on your machine and copy the project on your local machine.
- b) Look for the reference Documents folder containing the makefiles (batch files) for entire project, User Manual, Output File, Evaluation Report, and Design Document.
- c) Go to the project workspace which looks like-
  - src- contains source files
  - conf- configuration file for the server and client
  - dist- jar file for the project
  - build- compiled files of the project
  - build.xml – to compile the project using ant
- d) Change the filepath in **DHTClientImplementation.java** with your path where you want to put the p2psharedfolder.
- e) Change the filepath in **RandomFilesGeneration.java** with the path where p2psharedfolder is kept.
- f) Change the filepath in **ImplementationServerSide.java** with the path where p2psharedfolder is kept.
- g) Compilation, Configuration and Running,
  1. Navigate to the project directory \Decentralized Peer 2 Peer\src\Server and open cmd from that location.
  2. Type Command **javac \*.java to compile all java files.**
  3. Type command **cd..**
  4. Type command **java SeverConfiguration Server 0.**
  5. Repeat the step 4 until you pass the argument Server 7 with different cmd window.

All you servers are up and running now based on the selection menu enter your choice.
- h) Or you can run the batch file one by one by unzipping the server.zip.