

Computer Networks

(UE20CS253)

Assignments

1. Develop an **FTP server** which gives the following services,
 - > Directory listing
 - > Download of a file
 - > Upload of a file
 - > User Authentication
2. Develop a **TIME server** which gives the following services by contacting an actual time server,
 - > Timezone selection
 - > Time Synchronization
3. Develop a **Chat server**, which lets the users to,
 - > Do one on one chatting
 - > Create a chat room
 - > Enroll to and Exit from the chat room
 - > Share pics/docs/audio files
4. Developing a **MQTT Broker** equivalent with the following functionalities,
 - > Support multiple subscribers and publishers
 - > Supports nested topics
 - > Supports Authentication