

Computer Networks LAB Project

Section: D

Deadline: 8th October, 2024

Project 1: Chat Application with Multiple Clients

Modify the provided client-server code to develop a chat application that allows multiple clients (3 clients) to connect to the server simultaneously. The application should enable the server to broadcast messages sent by any client to all other connected clients.

Required Modifications:

- Implement threading in the server to manage multiple client connections concurrently.
- Develop functionality that broadcasts a client's message to all other connected clients.
- Ensure the application handles client disconnections and manages message encoding and decoding properly for seamless communication.

Special instructions:

- You don't have to design any interface, just play with command prompt.
- You can complete the project with any programming language you want.
- Deadline will be strictly maintained.

