Algorithms:

They were not much hard algorithms. The only algorithmic thing was threads rest was just same thing as the lab but with a GUI interface.

Experience:

This was light hearted simple project to do during the final week. It did not take much time and was straight forward.

Test cases:

Starting:

A screenshot of a cell phone

Description generated with very high confidence

Starting the server ;

A screenshot of a cell phone

Description generated with very high confidence

If server has already started

A screenshot of a cell phone

Description generated with very high confidence

Client Start:

A screenshot of a computer screen

Description generated with very high confidence

Two clients and messaging each other

A screenshot of a computer

Description generated with very high confidenceA screenshot of a computer

Description generated with very high confidence