

Summary of Application Testing.

The application is tested by creating one instance of **Server.java** and multiple instances of **Client.java**. All the client gets connected to the server when they start.

It was tested by making up to 6 clients. Each of the clients can do all the functionality. The server receives the message and then processes it according to if it is a command or just a simple message.

During a test, 5 clients were made and joined the same room. Then the 6th client was made to join that room to check if it handles the room capacity rule. It works properly.

During another test, 3 clients were put into room 1 and another 3 clients were put into room 2. Then they could send messages to their current chat room, the room and its messages were completely isolated. It is also a successful test.