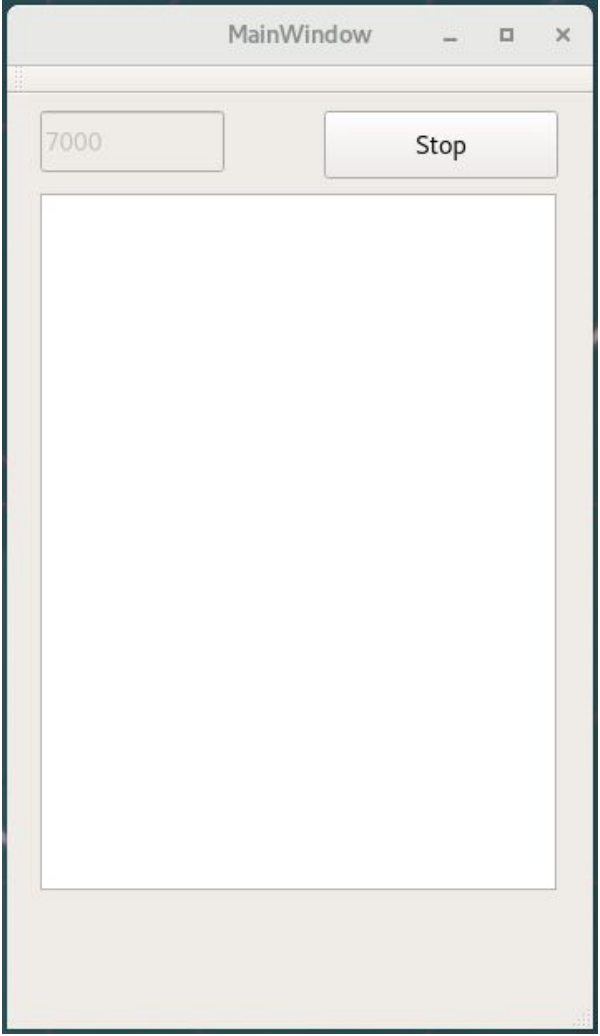# COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

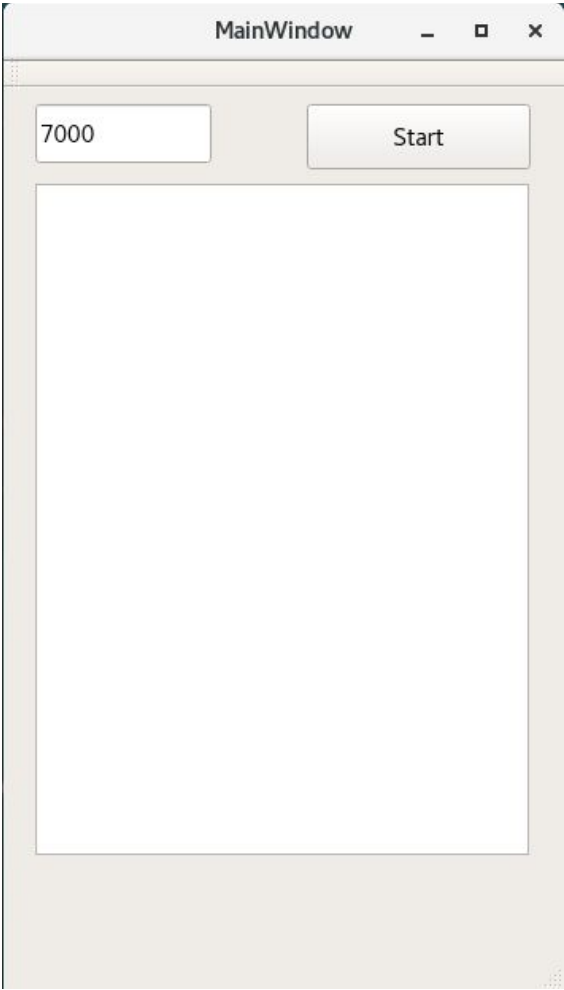All testing performed on lab computers #08, #09 and #10 in SE12 323.

Test#	1
Description	Test server gui start/stop response
Test Steps	Server 1. Enter port "7000". 2. Click start.
Expected Result	Server port input will be greyed out. Server Start button will now say stop.
Actual Result	
Success	Yes

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

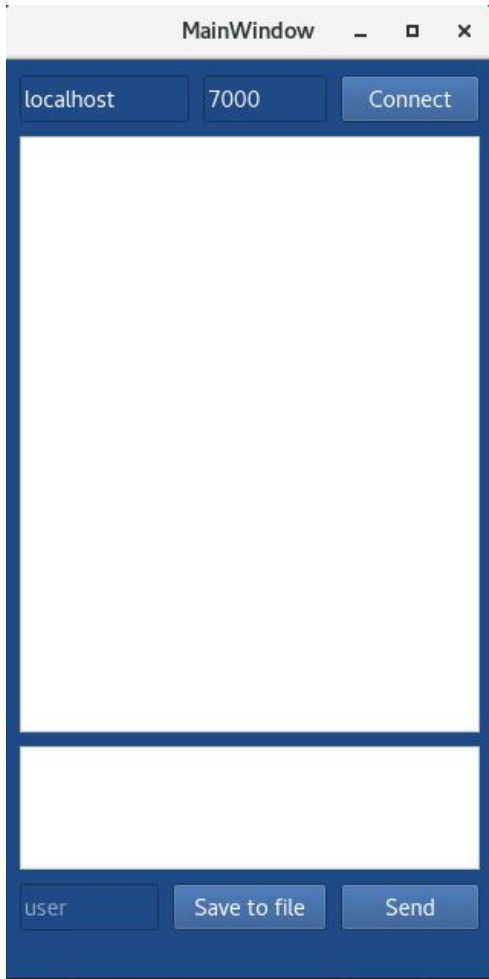| Test#	2
Description	Test server gui start/stop response
Test Steps	Server 1. Enter port "7000". 2. Click start. 3. Click stop.
Expected Result	Server port input will be returned to normal. Server Stop button will now say Start.
Actual Result	
Success	Yes

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

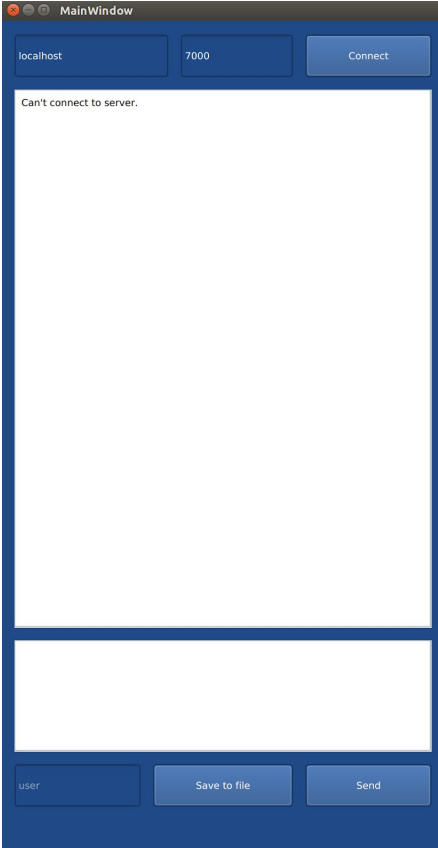| Test#	3
Description	Test client gui connect/disconnect response

Test Steps	Server
	    1. Enter port "7000".
	    2. Enter host "localhost".
	    3. Click Connect.

Expected Result	Server port input will be greyed out. Server Start button will now say stop.
Actual Result	
Success	Yes

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

Test#	4
Description	Test client gui connect/disconnect response
Test Steps	Server 1. Enter port "7000". 2. Enter host "localhost". 3. Click Connect. 4. Click Disconnect
Expected Result	Server port input will be returned to functionality. Server Stop button will be returned to Start.
Actual Result	
Success	Yes

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION
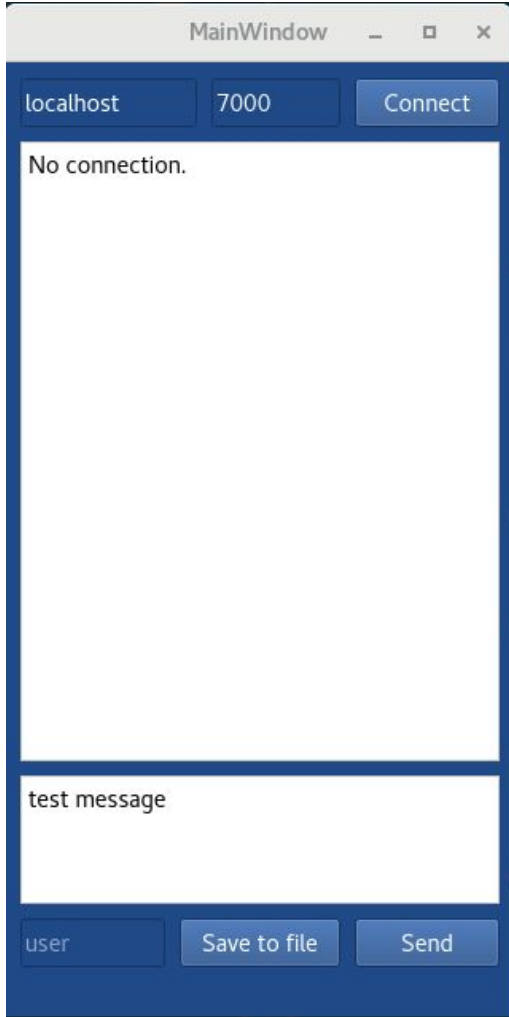
All testing performed on lab computers #08, #09 and #10 in SE12 323.

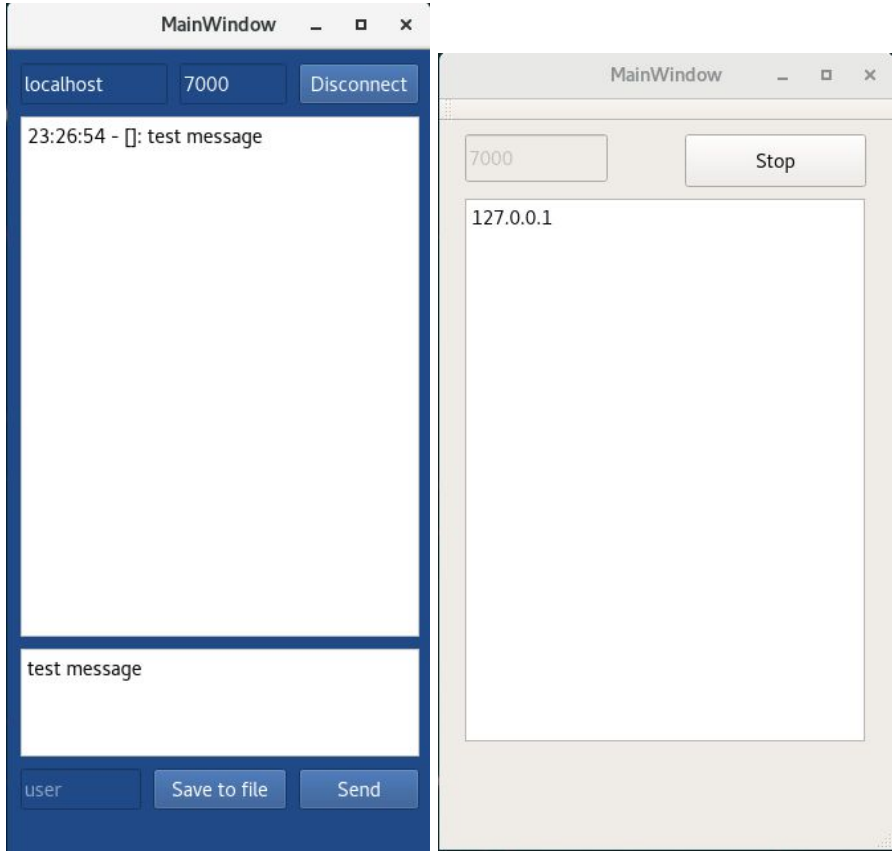| Test#	5
Description	Connect without starting server.
Test Steps	Client 1. Enter host "localhost". 2. Enter port "7000" 3. Click Connect 4. Type "test message" in the input box. 5. Click Send
Expected Result	Client will display "Can't connect to server."
Actual Result	
Success	Yes

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

Test#	6
Description	Send a message without connecting to a server.
Test Steps	Client 1. Type "test message" in the input box. 2. Click Send
Expected Result	Client will display "No Connection"
Actual Result	
Success	Yes

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

Test#	7
Description	Establish a localhost connection between a single client and the server.

Test Steps	Server
	  1. Enter port "7000".
	  2. Click start.
	Client
	  1. Enter host "localhost".
	  2. Enter port "7000"
	  3. Click Connect
	  4. Type "test message" in the input box.
	  5. Click Send

Expected Result	Server will display "127.0.0.1" Client will display {timestamp} - []: test message
Actual Result	
Success	Yes

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

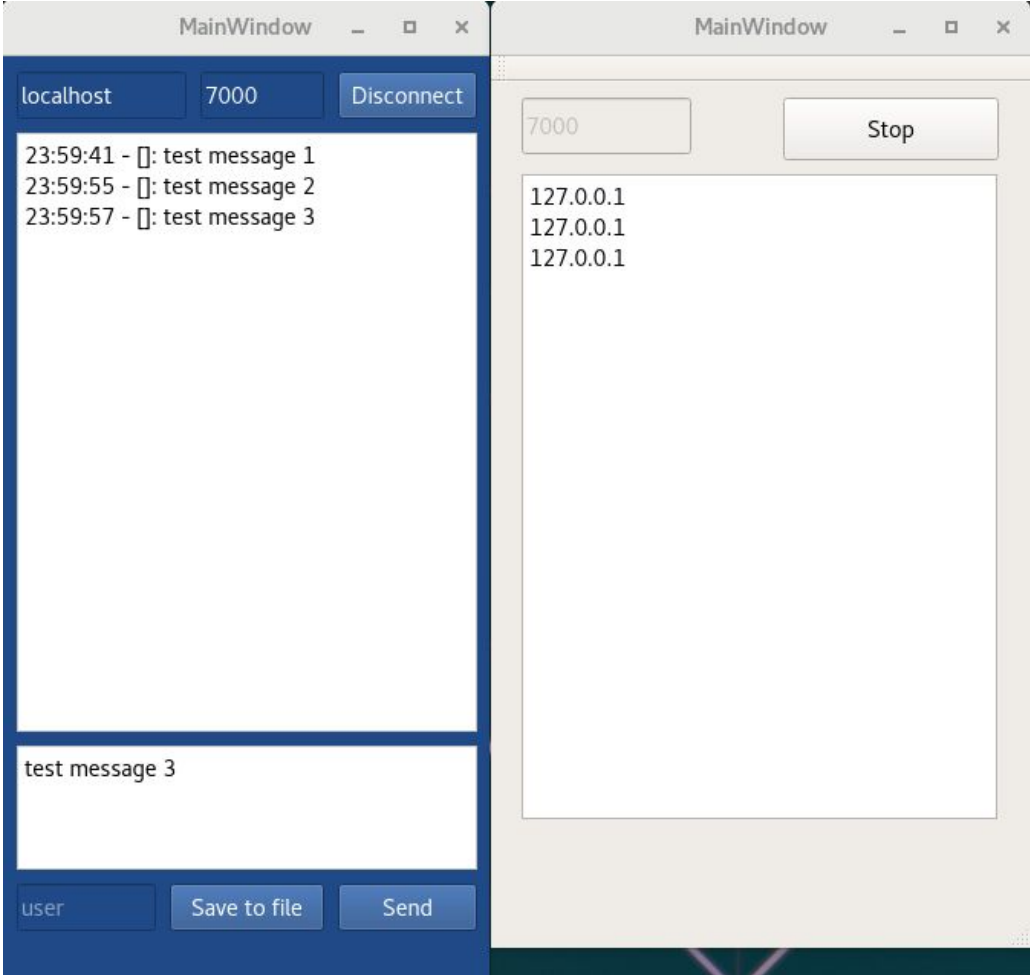| Test#	8
Description	Establish a localhost connection between multiple clients and a server.

Test Steps	Server
	  1. Enter port "7000".
	  2. Click start.
	Client 1
	  1. Enter host "localhost".
	  2. Enter port "7000"
	  3. Click Connect
	Client 2
	  1. Enter host "localhost".
	  2. Enter port "7000"
	  3. Click Connect
	Client 3
	  1. Enter host "localhost".
	  2. Enter port "7000"
	  3. Click Connect
	Client 1
	  1. Type "test message 1" in the input box.
	  2. Click Send
	Client 2
	  1. Type "test message 2" in the input box.
	  2. Click Send
	Client 3
	  1. Type "test message 3" in the input box.
	  2. Click Send

Expected Result	Client 1: {timestamp} - []: test message 1 {timestamp} - []: test message 2 {timestamp} - []: test message 3 Client 2: {timestamp} - []: test message 1 {timestamp} - []: test message 2 {timestamp} - []: test message 3 Client 3: {timestamp} - []: test message 1 {timestamp} - []: test message 2 {timestamp} - []: test message 3 Server: 127.0.0.1 127.0.0.1

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

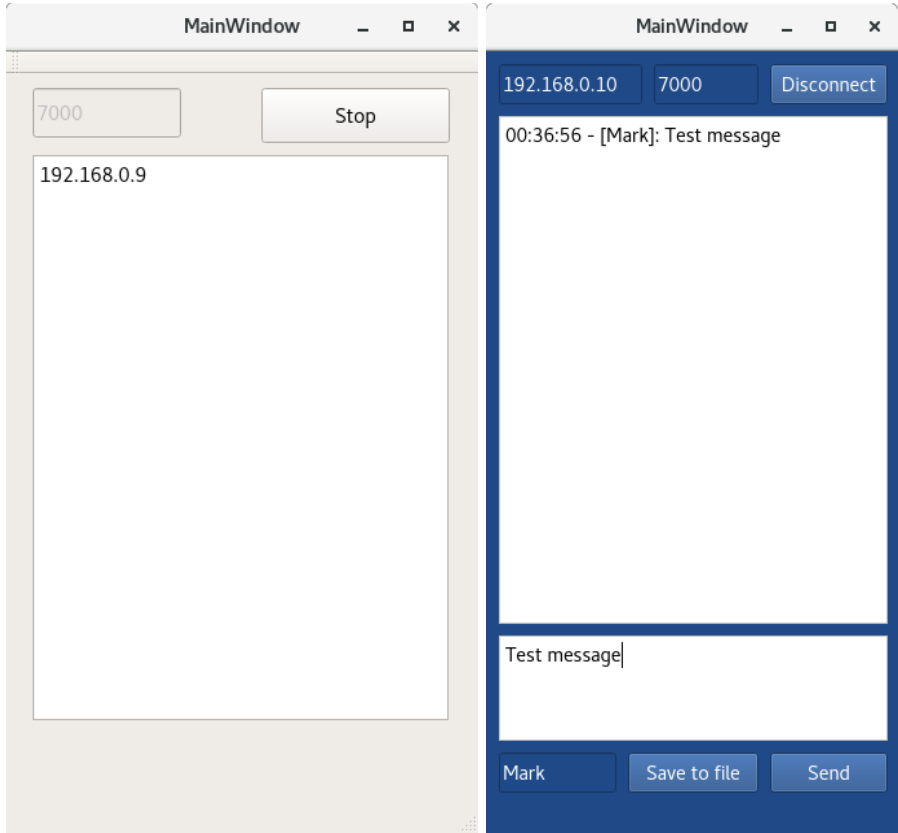|	127.0.0.1
Actual Result	

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

Success	Yes

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

Test#	9
Description	Establish a remote connection between a single client and the server.

Test Steps	Server
	    1. Enter port "7000".
	    2. Click start.
	Client
	    1. Enter host "localhost".
	    2. Enter port "7000"
	    3. Click Connect
	    4. Type "test message" in the input box.
	    5. Click Send

Expected Result	Server will display {ip address} Client will display {timestamp} - []: test message
Actual Result	
Success	Yes

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

Test#	10
Description	Establish a remote connection between a single client and the server.

Test Steps	Server
	    1. Enter port "7000".
	    2. Click start.
	Client 1
	    1. Enter host "localhost".
	    2. Enter port "7000"
	    3. Click Connect
	Client 2
	    1. Enter host "localhost".
	    2. Enter port "7000"
	    3. Click Connect
	Client 3
	    1. Enter host "localhost".
	    2. Enter port "7000"
	    3. Click Connect
	Client 1
	    1. Type "test message 1" in the input box.
	    2. Click Send
	Client 2
	    1. Type "test message 2" in the input box.
	    2. Click Send
	Client 3
	    1. Type "test message 3" in the input box.
	    2. Click Send

Expected Result	Client 1: {timestamp} - []: test message 1 {timestamp} - []: test message 2 {timestamp} - []: test message 3 Client 2: {timestamp} - []: test message 1 {timestamp} - []: test message 2 {timestamp} - []: test message 3 Client 3: {timestamp} - []: test message 1 {timestamp} - []: test message 2 {timestamp} - []: test message 3 Server: 127.0.0.1 127.0.0.1

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

	127.0.0.1
Actual Result	

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

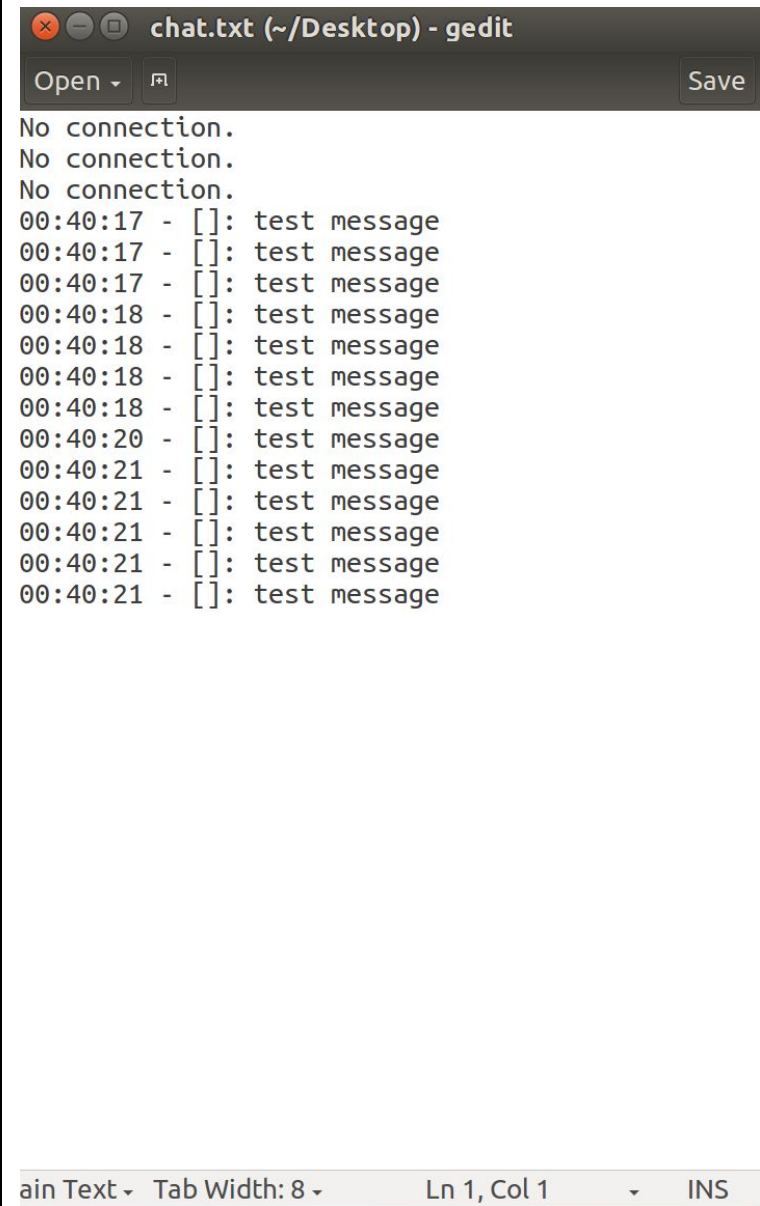|	
Success	Yes

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

Test#	11
Description	Establish a remote connection between multiple clients and a server.
Test Steps	Server 　1. Enter port "7000". 　2. Click start. Client 　1. Enter host "localhost". 　2. Enter port "7000" 　3. Click Connect 　4. Type "test message" in the input box. 　5. Click Send 　6. Click Save to File 　7. Select save destination 　8. Click Save
Expected Result	Client will save file to destination containing chat log.
Actual Result	

COMP4981 ASSIGNMENT 03 TESTING DOCUMENTATION

All testing performed on lab computers #08, #09 and #10 in SE12 323.

	chat.txt (~/Desktop) - gedit Open ▾ ⊞ Save No connection. No connection. No connection. 00:40:17 - []: test message 00:40:17 - []: test message 00:40:17 - []: test message 00:40:18 - []: test message 00:40:18 - []: test message 00:40:18 - []: test message 00:40:18 - []: test message 00:40:20 - []: test message 00:40:21 - []: test message 00:40:21 - []: test message 00:40:21 - []: test message 00:40:21 - []: test message 00:40:21 - []: test message ain Text ▾ Tab Width: 8 ▾ Ln 1, Col 1 ▾ INS
Success	Yes