Client Tests

Test Number	Description	Tools Used	Expected	Result
			Outcome	
C1	Client is given	client	Client displays	Passed (Figure 1)
	invalid		error message and	
	directory		exits	
C2	Client is given	client	Client displays	Passed (Figure 2)
	directory with		error message and	
	no read and/or		exits	
	write privileges			
C3	Client can't	client	Client displays	Passed (Figure 3)
	connect to		error message and	
	server		exits	
C4	Incorrect	client	Client displays	Passed (Figure 4)
	command is		command syntax	
	entered on		and waits for next	
	client		command	
C5	User enters	client, server	Client sends file to	Passed (Figure 5)
	SEND command		server	
	for existing file			
C6	User enters	client	Client displays	Passed (Figure 6)
	SEND command		error message and	
	for non-existent		waits for next	
	file	_	command	
C7	User enters GET	client, server	Client retrieves file	Passed (Figure 7)
	command for			
	file that exists			
	on server			5 1(5)
C8	User enters GET	client, server	Client displays	Passed (Figure 8)
	command for		returned server	
	file that doesn't		error message	
	exist on server	1	all	D 1(E) 0)
C9	User types Ctrl	client	Client exits	Passed (Figure 9)
	+ D			

Activities	
	shane@localh
File Edit View Search Terminal Help	
<pre>[shane@localhost bin]\$./client localhost non-existent-dir Error: storage path isn't a directory See ya! [shane@localhost bin]\$ []</pre>	

Figure 1: Client is given invalid directory

Activities	Terminal ▼	
		shane@localh
File Edit	View Search Terminal Help	
Error: ca See ya!	ocalhost bin]\$./client localhost /etc an't read from and/or write to directory ocalhost bin]\$ [

Figure 2: Client is given directory with no read and/or write privileges

Activities ► Terminal ▼	
	shane@localho
File Edit View Search Terminal Help	
<pre>[shane@localhost bin]\$./client localhost Error: connect: Connection refused See ya! [shane@localhost bin]\$ [</pre>	/client_files/

Figure 3: Client can't connect to server

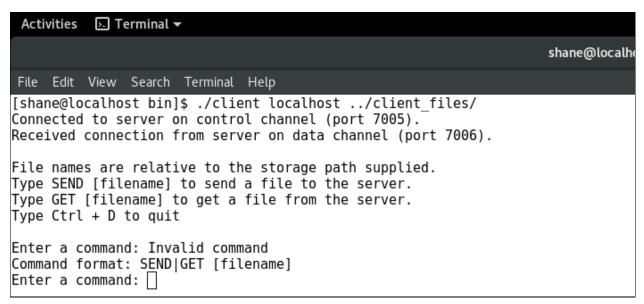


Figure 4: Incorrect command is entered on client

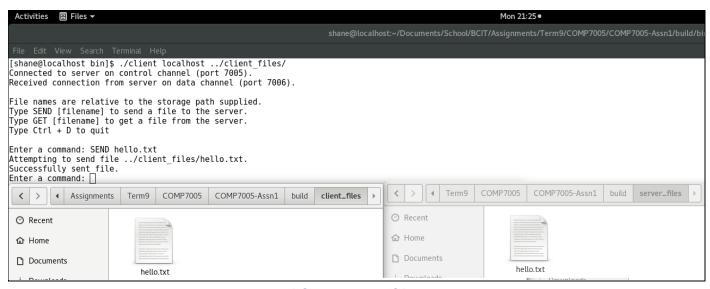


Figure 5: User enters SEND command for existing file

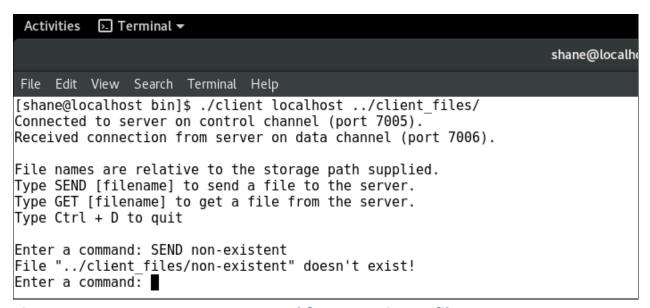


Figure 6: User enters SEND command for non-existent file

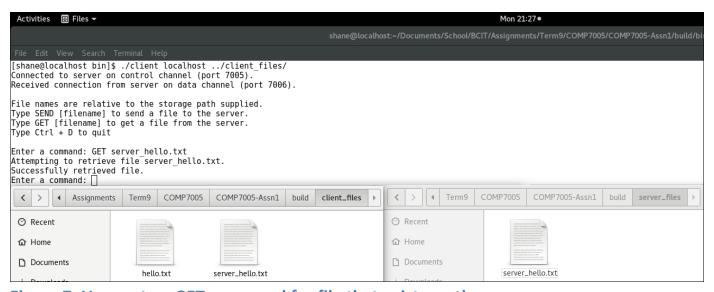


Figure 7: User enters GET command for file that exists on the server

Activities ▷ Terminal ▼	
	shane@localho
File Edit View Search Terminal Help	
<pre>[shane@localhost bin]\$./client localhost/client_files/ Connected to server on control channel (port 7005). Received connection from server on data channel (port 7006). File names are relative to the storage path supplied. Type SEND [filename] to send a file to the server. Type GET [filename] to get a file from the server. Type Ctrl + D to quit</pre>	
Enter a command: GET non-existent Attempting to retrieve file non-existent. Server reported error: Couldn't find file non-existent. Enter a command:	

Figure 8: User enters GET command for file that doens't exist on the server

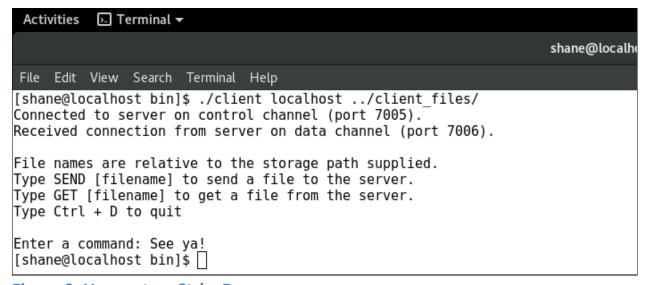


Figure 9: User enters Ctrl + D