TauNet Software Test Plan v1.0

Test:	RESULT:
Execute test.py. Test successful if all automated tests and manual tests specified upon execution of test.py are successful.	PASS
Encrypt and Decrypt a string that contains all common keyboard characters. Test is sucucessful if the pre-ncryption and post-decryted strings are the same.	PASS
Decrypt a Ciphersaber 2 test string. Test is successful when decryption of 'Al Dakota buys' results in 'mead'	PASS
Compose the message 'This is a protocol test' From: Sender, To Reciever, protocol v0.1 Test is Successful if composed string is “From: Sender\r\nTo: Reciever\r\nVersion: 0.1\r\n\r\nThis is a protocol test”	PASS
Decompose the message “From: Sender\r\nTo: Reciever\r\nVersion: 0.1\r\n\r\nThis is a protocol test”. Test is successful if the following tuple is outputted (('Sender', ''), ('Reciever', ''), 'This is a protocol test', '0.1')	PASS
Compose the message 'This is a protocol test' From: Sender, To Reciever, protocol v0.2 Test is Successful if composed string is “From: Sender\r\nTo: Reciever\r\nVersion: 0.2\r\n\r\nThis is a protocol test”	PASS
Decompose the message “From: Sender\r\nTo: Reciever\r\nVersion: 0.2\r\n\r\nThis is a protocol test”. Test is successful if the following tuple is outputted (('Sender', ''), ('Reciever', ''), 'This is a protocol test', '0.2')	PASS
Add messages to the list of received messages. Compose the messages with Sender = Sender, Reciever = Reciver and a message text of the strings for the number 30 through 16. Then instruct the program to display all messages in the list. Test is successful if all added messages are displayed with Sender: Sender Reciever: Reciever, and the message body as the number from 30 to 16 represented as a string. 30 shall be displayed first and 16 last	PASS
Instruct message list to display the last 4 messages. Test is successful if messages 19 through 16 are displayed as described in the previous test.	PASS
Add messages 15 through 1 to the message list. Instruct the program to display more than 20 messages. Test is successful when messages 20 through 1 are displayed	PASS
Set user_list.key = '1234567890' Test is successful if user_list.key=='1234567890'	PASS
Set user_list.me = 'user0' Test is successful if user_lsit.me =='user0'	PASS
Add user0 through user20 to the user_list with the ip address 127.0.0.1. Test is successful if when all users are displayed the users, 'user0' thrugh 'user20' are displayed with the ip address '127.0.0.1'	PASS
Remove user10 from the list. Test is successful if search_user returns None.	PASS
Write the user list to the file test_file.txt. Read the file test_file.txt in to a new user_list class. Test is successful if when all users are dispalys users 'user0' through 'user20' are displayed, but not 'user10'	PASS
Long Message Test:	PASS

Enter Length of string to be 2000 Number of times to send message: 5 Test is successful if all messages are displayed broken in to a maximum message length of 600, and no message timeouts occur.	
Complete the Manual Input Testing as instructed by Test.py during the automated tests. These tests use TauNet command input to re-test the automated tests, and are designed to test the command inputs and user experience, and user requirements rather than the correctness of the functions.	PASS