

Three user acceptance tests are detailed below. These test plans provide the instructions for testing the register/login functionality, the chat creation functionality, and the message sending/receiving functionality.

<b>System Test Case:</b> <b>bChat</b>			
<b>Test:</b> Login functionality			
<b>Purpose:</b> Verify that a user is able to register a new account and login to the bChat application			
Step	Test Step	Expected Results	Actual Results
1	Navigate to the bChat homepage	The user should be redirected to the main page which displays the text "bChat" in the center of the screen	
2	Click the register button at the top right corner of the screen	The user should be redirected to the registration form	
3	Fill out the registration form and click the register button	The user should be redirected to the main chats view	
4	Click the logout button	You user should be redirected the homepage	
5	Click the login button at the top right corner of the screen	The user should be redirected to the login view	
6	Fill out the login form and click the login button	The user should be redirected to the main chats view	

**System Test Case:**  
**bChat**

**Test:** Create a Chat

**Purpose:** Verify that a user is able to create a chat request with another user and that the other user is able to accept or decline the chat request.

Step	Test Step	Expected Results	Actual Results
1	<p>After logging into the application, click the “new” button at the top right of the chats/messages component (the main box on the page).</p> <p>(Note: the user you are creating a chat with must be logged in as well.)</p>	The current chats a user has (at the top of the chats/messages component) will be replaced by two input boxes, one for the user you would like to chat with, and one for the date that a chat will be deleted at.	
2	<p>In the first box type the username for a user that <b>that has already registered</b> (except yourself), and in the second box type a valid date (anytime after the current date) in the format “mm/dd/yyyy”</p>	The boxes should fill with the input text you have written in them.	
3	<p>Click the “Request Chat” button, and have the other user (who should be logged in already) accept the chat request that pops up.</p>	A chat request should pop up in the other users screen. Once they accept this chat request a chat will appear at the top of the chats/messages component in both of your screens.	

**System Test Case:**  
**bChat**

**Test:** Sending and receiving messages

**Purpose:** Verify that a user is able to send and receives messages in a chat with another user

Step	Test Step	Expected Results	Actual Results
1	After logging into the application, select a chat from the chats at the top of the chats/messages component.	Once a chat is selected, the chats/messages component should display all of the messages from that chat.	
2	Type in the text box to the left of the "send" button, then click the send button.	After a second or two a message should appear in the messages section of the chats/messages component.	
3	Have the user you are chatting with login to the application, and select the chat that you just sent a message in.	The message you just sent should appear in the messages section of the chats/messages component on the other user's instance of the application.	