teaChat
Group #6
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Chat Application Test Report

Document

1. **Introduction**
   The purpose of this document is to report on the results of running the test suite on our application.
2. **Test Report**
   Red text denotes failed test cases

Test Number	Testing Goal	Expected Output	Observed Output
1	Application startup	Login Page Displayed	Login Page Displayed
2	Login with valid inputs	User is redirected to welcome page	User is redirected to welcome page
3	Login with invalid inputs	User remains in login page	Server crashed
4	Test the Create Account link	Registration page appears	Registration page appears
5	Create Account as student user	User is redirected to login page	User is redirected to login page
6	Create Account as instructor user	User is redirected to login page	User is redirected to login page
7	Create Account with existing user credentials	User remains in registration page	User is redirected to login page
8	Create Account with invalid user credentials	User remains in registration page with error shown	User is redirected to login page
9	The functioning of the Add Chatroom button	Modal pops up for room code	Modal pops up for room code
10	Join room function with valid chatroom code	User is redirected to the correct chatroom	User is redirected to the correct chatroom
11	Join room function with invalid chatroom code	User remains in current view	User remains in current view
12	The functioning of the Create Chatroom button	Modal pops up for room name	Modal pops up for room name
13	Create Room without name	Redirect to chatroom with no name	Redirect to chatroom with no name

14	Create Room with unique name	Redirect to chatroom with name displayed	Redirect to chatroom with name displayed
15	Create room with previously used name	Redirect to chatroom with name displayed	Redirect to chatroom with name displayed
16	Multi-user messaging	Real-time sending and receiving of messages for all users observed	Real-time sending and receiving of messages for all users observed
17	Valid Message	The message is uploaded to chatroom and visible to others in room.	The message is uploaded to chatroom and visible to others in room.
18	Empty Message	The empty message is uploaded to chatroom and visible to others in room.	The empty message is uploaded to chatroom and visible to others in room.
19	Upload without selected file	The alert message "You haven't selected any file to share" pops up	The alert message "You haven't selected any file to share" pops up
20	The functioning of the "Choose File" button	'No file selected' changes to 'name of the file.png'	'No file selected' changes to 'name of the file.png'
21	Correct upload functioning	The file is uploaded on the chatroom and other users can see that image.	The file is uploaded on the chatroom but other user can not see that image.
22	Correct identity anonymity of users	Students appear anonymously while instructors do not	Students appear anonymously while instructors do not

3. Summary

All test cases passed except those pertaining to invalid login, registration inputs and upload image.