

WeTuffy

Faceless Chat

Test Procedure

Revision History

Authors	Description of Change	Section s	Rev	Date
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1. Team Description

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2. Introduction

Testing procedures for our faceless chat application

2.1. Identification

Requirement Document Tested:	Written Requirements
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3. Test Procedures

3.1. Test Case 1

Description: Testing the create new user

Precondition: new user registration, first time.

1) Username

2) Password

Step Number	Action	System Response	Requirement Tested (if applicable)
1	Launch App	Launch App	T
2	Register New User	Register Page Loaded	T
3	Enter User Name	Displays User Name	T
4	Enter Password	Obscures Password	T
5	Okay	Confirms user not already created, makes a new user	T
6	None	Automatically directs user to chatroom	T

3.2. Test Case 2

Description: Testing the Login

Precondition: Invalid Credentials

1) Username

2) Password

Step Number	Action	System Response	Requirement Tested (if applicable)
1	Launch App	Launch App	T
2	Login	Redirect Login Page	T
3	Username	Display Username	T
4	Password	Obscure Password	T
5	None	Display Invalid Credential	T
6	Try again	Brings back to Login Page	T

3.3. Test Case 3

Description: Testing the Login

Precondition: Valid Credentials

1) Username

2) Password

Step Number	Action	System Response	Requirement Tested (if applicable)
1	Launch App	Launch App	T
2	Login	Redirect Login Page	T
3	Username	Display Username	T
4	Password	Obscure Password	T
5	None	Display valid Credential	T
6	None	Brings	T

3.4. Test Case 4

Description: Logout

Precondition: Already logged in

1) From the chatroom page

Step Number	Action	System Response	Requirement Tested (if applicable)
1	Logout	Redirects to MainPage	T

3.5. Test Case 5

Description: Testing anonymous function, while showing color codes for self v. others

Precondition: Valid Credentials

- 1) Blue Message for Self
- 2) Green Message for Others
- 3) From displays a unique ID that is not traceable back to UserName

Step Number	Action	System Response	Requirement Tested (if applicable)
1	Post Message	Displays Message	T
2	None - view username	Displays Unique ID	T
3	None - message color	if userID matches ID on database make color blue. Else Green	T
4	None - refreshes page	Automatically detects changes made in database, updates screen	T

3.6. Test Case 6

Description: server saves its state and pushes update to users

Precondition: server is set up

- 1) Saves UserData (Name, Password)
- 2) Saves All Messages on Chatroom
- 3) Server Detects Changes and Pushes Update to All Users

Step Number	Action	System Response	Requirement Tested (if applicable)
1	Login	Validates	T
2	Chatroom	Displays Entire History	T

4. Verification Cross Reference Matrix

Requirement Identifier	Where Tested
3.1.1	3.1
3.1.1a	3.2
3.1.2	3.5
3.1.3	3.5
3.1.3b	N/A
3.1.4	N/A
3.1.5	N/A
3.1.6	N/A