Team Firewall

Two-step Authentication Login

Test Procedure

Revision History

Authors	Description of Change	Sections	Rev	Date
Team Firewall	Initial Release			4/10/18

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1   Team Description

Team Member Name	Email Address
Gyromee Hatcher	gyromee@csu.fullerton.edu
Gabriel Varela	gabrielv@csu.fullerton.edu
Ivan Rosales	irosales@csu.fullerton.edu
Mevin Chen	mevin.chen@csu.fullerton.edu
Meng-Shen Kuan	mengkuan@csu.fullerton.edu

2   Introduction

This test procedure demonstrates all the tests than fulfill all our requirements

2.1   Identification

Requirement Document Tested:	5/09/2018
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3   Test Procedures

3.1   Test Case 1: Create user account, first and second level

Description: This account creation test demonstrates creation of an account including entering username, password, email and security questions.

Precondition:

1) The account's email address does not exist in the database already.

2) Let the email account cpsc362student@gmail.com exist.

Step Number	Action	System Response	Requirement Tested (if applicable)
1	To access the website enter the URL website.ggvarela.com into google chrome internet browser	Display the homepage.	
2	Click the sign up button	Account creation page is displayed.	
3	Enter the following information in the account creation display: First Name:Gabriel Last Name: Varela email: cpsc362student@gmail.com password: password123 Confirm password: password123 and click the register button	Display the page that says "please confirm your email by clicking on the email link!" Display Home button and Resend Email button. Send an authentication link to the email provided.	0001, 0002, 0003,

| 4 | Click on the authentication link that was sent to testemail123@gmail.com | The account is now active and ready to use. | 0004, 0016 |

3.2 Test Case 2: Login

Description: This login test demonstrates a simple login to the website

Precondition:

   1) Account creation has been completed

Step Number	Action	System Response	Requirement Tested (if applicable)
1	To access the website enter the URL website.ggvarela.com into google chrome internet browser	Display Login page.	
2	Enter the following information into the display: email: testemail123@gmail.com password: password123 and click the login button.	Display the Edit Account button and the Logout button.	0005, 0006, 0007, 0016

3.3   Test Case 3: Edit Account Info

Description: This edit account info test demonstrates that the account information can be edited.

Precondition:

1) User is logged into a verified account and is on the Home page.

Step Number	Action	System Response	Requirement Tested (if applicable)
1	Click the Edit Account button	Display the Change Email, Change Password, Opt in to 2step Autentication, Opt out of 2step Authentication, Delete Account, Home, and Logout buttons.	
2	Click the change email button.	Display page for entering new email address and current password.	
3	Enter the following information into the display: new email: cpsc362student2@gmail.com confirm new email: cpsc362student2@gmail.com password: password123 and click the apply button.	Display the Success page and Home button.	0008,0010
4	Click the Home button. Then Click the Log out button.	Display the Login page.	
5	Enter the following into the display: email: cpsc362student2@gmail.com password: password123	Display the Home page. Display Edit Account and Login buttons.	

	and click the login button.		
6	Click the Edit Account button.	Display the Change Email, Change Password, Opt in to 2step Authentication, Opt out of 2step Authentication, Delete Account, Home, and Logout buttons.	
7	Click the change password button.	Display the page for entering a new password.	
8	Enter the following information into the display: new password: password456 confirm new password: password456 and click the apply button.	Display the Success page and Home button.	0008, 0009
9	Click the Home button, then Log Out	Display the Login page.	
10	Enter the following into the display: email: cpsc362student2@gmail.com password: password456 and click the login button.	Display the Home page. Display the Edit Account and Login buttons.	

3.4 Test Case 4: Opt in/out of 2nd Level Authentication

Description: This test demonstrates if the user can successfully opt in/out of the 2nd level authentication

Precondition:

 1) User is logged into a verified account and is on the Home page.

 2)User's account has default setting, which is opted out of 2 step Authentication.

Step Number	Action	System Response	Requirement Tested (if applicable)
1	Click the Edit Account button	Display the Change Email, Change Password, Opt in to 2step Authentication, Opt out of 2step Authentication, Delete Account, Home, and Logout buttons.	
2	Click the Opt in to 2step Authentication button.	Display the message "You have successfully opted into 2-step authentication!" Display the Logout button.	0013, 0014, 0018
3	Click the Logout button.	Display "Thanks for stopping by" Display Home Button	
4	Click the home button	Display Login Page	
5	Enter the following into the display: email: testemail456@gmail.com password: password456 and click the login button.	Display the message "Please Confirm Email Before Logging In. Unable to Login Account Account is unverified, please confirm your email by clicking on the email link!"Display Home and Resend Email buttons	

		Display Success. Please check your email testemail456@gmail.com for a confirmation link to complete your account activation	
6	Check Email for Verification Link and click on it.	Display Success Page	
7	Click on Home, and Log In Again	Display the Home Page	0017
8	Click the edit account button	Display the Change Email, Change Password, Opt in to 2-step Authentication, Opt out of 2-step Authentication, Delete Account, Home, and Logout buttons.	
9	Click the Opt out of 2-step Authentication button.	Display the message "You have opted out of the 2-step Authentication service!" Display the logout button	0013, 0015, 0018
10	Click the logout button.	Display "Thanks for stopping by" Display Home Button	
11	Click the home button	Display Login Page	
12	Enter the following into the display: email: cpsc362student2@gmail.com password: password456 and click the login button.	Displays Homepage without having to verify account again	0017

3.6 Test Case 5: Reset Password

Description: This test demonstrates that the user was able to successfully reset their password

Precondition:

1) User must have a verified account and logged out.

Step Number	Action	System Response	Requirement Tested (if applicable)
1	Click on the "Forgot password" hyperlink on the login page	Redirect to the reset password page	0019
2	Enter the email "cpsc362student2@gmail.com" and click send button	Display a page stating that an link has been sent to the email provided	
3	Copy link sent in email and paste it to the chrome url field and hit enter	Redirect to new password page with the fields to enter the new password and confirm password	0020
4	Enter the following information into the display: new password: password123 confirm new password: password123

and click the apply button. | Display a success page and home button | |
| 5 | Login again with the email "cpsc362student2@gmail.com" and password "password123"

and click the login button | Redirect to the homepage | |

3.7 Test Case 6: Delete Account

Description: This test demonstrates that the user can delete their account

Precondition:

1) User is logged into a verified account and is on the Home page.

Step Number	Action	System Response	Requirement Tested (if applicable)
1	Click the edit account button	Display the Change Email, Change Password, Opt in to 2step Authentication, Opt out of 2step Authentication, Delete Account, Home, and Logout buttons.	
2	Click Delete account button	Display "Thanks for stopping by. Your account has been Deleted!"	0011, 0012
3	Click on the Home button, and attempt to login using, "cpsc362student2@gmail.com" and password "password123".	Display an Error saying "User with that email doesn't exist!	

4   Verification Cross Reference Matrix

Requirement Identifier	Where Tested
0001	Test1
0002	Test1
0003	Test1
0004	Test1
0005	Test2
0006	Test2
0007	Test2
0008	Test3
0009	Test3
0010	Test3
0011	Test6
0012	Test6
0013	Test4
0014	Test4
0015	Test4
0016	Test1, Test2
0017	Test4
0018	Test4
0019	Test5
0020	Test5