

GAMIFY

Software Test Plan

CSCI-P465/565 (Software Engineering I)

Project Team

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1. Overview

Manual testing has been done on the deliverable.

1.1 Test Objectives

Features mentioned in the system design document must be functional, none of those should fail to execute. Thus, the testing is done to ensure proper functioning of the code.

1.2 Test Environment

Every module was manually tested. Later integration and system testing was performed once the integration is completed.

1.3 Test Personnel

Prashanth Bhat– Sprint 3 modifications, Profile page, implementation and integration, GUI changes

Meghesh Patil– Sprint 3 modifications, Search implementation, integration

Sagar Suresh Panchal– Sprint 3 modifications, new user email verification, Like button updation and major GUI changes in login, registration, forgot-password, duo auth

Sriharsha Kaluva- Sprint 1 backlog, Google Oauth integration.

1.4 Acceptance Criteria

User should be able to search from any page of the website.

User should be able to search for other users.

Once the search results are displayed user must be able to click on the links and view the profile page of the user.

1.5 Noted Omissions

1. Facebook account not created/ exists
2. Google account not created/ exists.
3. Google.
4. Date of birth verification if registered through website directly or through Facebook/ Google.
5. User 2 exists that user 1 is messaging.

2. Test Cases

| | |
|-------------------|--|
| | |
| Number | #1 |
| Name | Register new user |
| Description | Register new user with correct e-mail id and password |
| Initial Condition | Open login page and then click on “New User? Register” |
| Input Data | Working Email ID and Password |
| Specification | User should able be to create account |
| Procedure | <ol style="list-style-type: none">1. Enter email id in email ID field2. Enter password in password field3. Type same password in confirm/re-enter password field4. Select Gender5. Default location is set to Bloomington6. Enter Date of birth |

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| | 7. Click create account button. |
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| Number | #2 |
| Name | Create Account |
| Description | Create account with random value in e-mail id field |
| Initial Condition | Open Login page and then click on “New User? Register” |
| input Data | Invalid Email ID |
| Specification | User should not able be to create account and message highlight the incorrect detail |
| Procedure | <ol style="list-style-type: none"> 1. Enter invalid email id like "xyz1234" 2. Enter password in password field 3. Type same password in confirm password field 4. Enter all the remaining details randomly. |
| | |
| Number | #3 |
| Name | Create Account |
| Description | Create account with different value in password and confirm password field |
| Initial Condition | Open login page and then click on “New User? Register” |
| input Data | Email ID, Password |
| Specification | User should not able be to create account and message highlight the incorrect detail |
| Procedure | <ol style="list-style-type: none"> 1. Enter email-id in email id field 2. Enter password in password field 3. Type different password in confirm password field 4. Enter remaining details randomly |
| | |
| Number | #4 |
| Name | Create Account |
| Description | Create account with existing already registered email ID |
| Initial Condition | Open Login page and then click on “New User? Register” |
| input Data | Email ID from test case #1 |
| Specification | User should not able be to create account and message highlight the incorrect detail |
| Procedure | <ol style="list-style-type: none"> 1. Enter email-id in email id field 2. Enter password in password field 3. Type same password in confirm password field 4. Enter remaining details randomly |
| | |
| Number | #5 |
| Name | Create Account |

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| Description | Create account with no password in the password field |
| Initial Condition | Open Login page and then click on “New User? Register” |
| input Data | Email ID |
| Specification | User should not able be to create account and message highlight the incorrect detail |
| Procedure | <ol style="list-style-type: none"> 1. Enter email-id in email id field 2. Enter blank in password field 3. Enter blank in confirm password field 4. Enter remaining details randomly |
| | |
| Number | #6 |
| Name | Verify Email Id Page/ functionality |
| Description | Check email for account verification |
| Initial Condition | Open login page and then create account |
| input Data | |
| Specification | User should see the email and email contain the verification link |
| Procedure | <ol style="list-style-type: none"> 1. Open email-id and check mail 2. Email should contain the verification link |
| | |
| Number | #7 |
| Name | Verify Email Id Page/ functionality |
| Description | Check email verification functionality |
| Initial Condition | Open login page and then create account |
| input Data | |
| Specification | User should able to see the email, and link will verify user's email id |
| Procedure | <ol style="list-style-type: none"> 1. Open email-id and check mail 2. Email should contain the verification link 3. Click on the link |
| | |
| Number | #8 |
| Name | Verify Email Id Page/ functionality |
| Description | Check email verification link, click the link second time |
| Initial Condition | Open login page and then create account |
| input Data | |
| Specification | User should able to see the message that its email id is already been verified |
| Procedure | <ol style="list-style-type: none"> 1. Open email-id and check mail 2. Email should contain the verification link 3. Click on the link 4. Login with username and password 4. Again click the link in the email |

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| Number | #9 |
| Name | Verify Email Id Page/ functionality |
| Description | Resend verification mail |
| Initial Condition | Open login page and then create account |
| input Data | |
| Specification | User should able to see the new verification mail, if resend button clicked |
| Procedure | <ol style="list-style-type: none"> 1. Verification page 2. Click on resend verification email button 3. Check email, user should able to see the new email 4. Email contains the verification link |
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| Number | #10 |
| Name | Login Page |
| Description | Test with authorized user and password combination |
| Initial Condition | Open login page |
| input Data | Email id and password of the user that has created account and verified his/her email-id |
| Specification | User should able to login with authorized username and password |
| Procedure | <ol style="list-style-type: none"> 1. Open Login Page 2. Enter email id and password of the user, that has created account and verified email id |
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| Number | #11 |
| Name | Login Page |
| Description | Test with authorized user and password combination but email id not verified |
| Initial Condition | Open login page |
| input Data | Email id and password of the user that has created account and not verified his/her email-id |
| Specification | User should not able to login |
| Procedure | <ol style="list-style-type: none"> 1. Open Login Page 2. Enter email id and password of the user, that has created account and with not verified email id |
| | |
| Number | #12 |
| Name | Landing Page/ Home Page |
| Description | Authorized user can see his/her home page |
| Initial Condition | Open login page |
| input Data | Email id and password of the user that has created account and not verified his/her email-id |

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| Specification | User should able to see the landing page and his/her name in the page |
| Procedure | <ol style="list-style-type: none"> 1. Open Login Page 2. Enter email id and password of the user, that has created account and with verified email id 3. User should able to see his/her username in the home page |
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| Number | #13 |
| Name | Logout functionality |
| Description | Logout functionality |
| Initial Condition | Landing Page |
| input Data | User should able to login with authorized user name and password |
| Specification | User should able to logout from his/her account once clicked the logout button |
| Procedure | <ol style="list-style-type: none"> 1. Open Login Page 2. Enter email id and password of the user 3. Should able to see the landing page 4. Click logout button, and now user should be redirected to login page 5. User need to again login, to check his/her landing page/ home page. |
| | |
| Number | #14 |
| Name | Login through Facebook/Google |
| Description | Login functionality |
| Initial Condition | Login page |
| input Data | User should able to login with authorized Facebook account |
| Specification | User should able to Login from his/her account once clicked the Login through Facebook |
| Procedure | <ol style="list-style-type: none"> 1. Open Login Page 2. Click logout through Facebook/ Google button, and now user should be redirected to login page 3. User need to again login, to check his/her landing page/ home page |
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| Number | #15 |
| Name | Create Posts |
| Description | User will write post body, select location, game name, and time of the event |
| Initial Condition | After login we go to homepage |
| Input Data | Write post body, select location, game name, and time of the event |
| Specification | User should able be to create posts |

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| Procedure | <ol style="list-style-type: none"> 1. Enter post body 2. Enter location 3. Enter game type 4. Enter Time 5. Data should enter the database and be visible on the users wall. |
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| Number | #16 |
| Name | Display Posts |
| Description | User should be able to comment on the posts |
| Initial Condition | User logs in and views posts on their wall and comments on it |
| input Data | Any comment |
| Specification | User should write comments |
| Procedure | <ol style="list-style-type: none"> 1. Click on 'Comments' button to view the already existing comments. 2. Enter the comment that you want to display. 3. Click post button. |
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| Number | #17 |
| Name | Display post |
| Description | The like button, if clicked will display like |
| Initial Condition | The user views a post |
| input Data | On clicking increase value |
| Specification | User should click on the like button |
| Procedure | 1. click on the like button. |
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| Number | #18 |
| Name | Display posts |
| Description | User should be able to view data as per his choice on filter criteria |
| Initial Condition | On homepage user selects a certain filter criterion |
| input Data | Selects check boxes |
| Specification | User should be able to view the data as per his choice on filter criteria |
| Procedure | 1. Select check boxes |
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| Number | #19 |
| Name | Delete posts |
| Description | User should be able to delete posts. |
| Initial Condition | On homepage/ profile page, user can view his posts and chooses to remove the post. |

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| input Data | Clicks on 'remove/delete' button. |
| Specification | User should be able to delete the posts permanently. |
| Procedure | <ol style="list-style-type: none"> 1. Click on 'Remove/delete' button which is against the user's own posts. 2. Clicking 'Remove/yes' button from the prompt must delete the post. 3. Alternatively, if the user clicks 'Cancel' in the prompt the prompt must disappear and user must be able to see the post normally. |
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| Number | #20 |
| Name | Messaging navigation |
| Description | User should be able to navigate from Homepage to Messaging page and vice versa. |
| Initial Condition | On homepage/ profile page, user can view 'messages' icon. |
| input Data | Clicks on 'Messages' icon. |
| Specification | User must be in Messaging page. |
| Procedure | <ol style="list-style-type: none"> 1. Click on 'Messaging' icon which is at the right top corner. 2. Wait for page load. |
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| Number | #21 |
| Name | Search users for messaging |
| Description | User should be able to search for users. |
| Initial Condition | On messaging page, the user must be able to view a search bar. |
| input Data | Enter the username or email ID in the search bar. |
| Specification | User should be able to view the users' username and email ID with the username or email ID. |
| Procedure | <ol style="list-style-type: none"> 1. Click on search bar. 2. Enter the text. (Username or email ID) 3. Results should be displayed. |
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| Number | #22 |
| Name | Search users for messaging |
| Description | User should see blank page or no search results. |
| Initial Condition | On messaging page, the user must be able to view a search bar. |
| input Data | Enter an invalid username or email ID in the search bar. |
| Specification | User should not be able to view the users' username and email ID with the username or email ID. |
| Procedure | <ol style="list-style-type: none"> 1. Click on search bar. 2. Enter invalid text. (Username and email ID) 3. Results should not be displayed- Blank page should be displayed. |

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| Number | #23 |
| Name | Messaging |
| Description | User should be able to send and receive messages from the users. |
| Initial Condition | On messaging page, the user must be able to view all the conversations with other users. |
| input Data | Some text in the message box. |
| Specification | User should be able to view the sent and received messages for that user. |
| Procedure | <ol style="list-style-type: none"> 1. Select conversation. 2. Click on Message input box. 3. Enter the required message text. 4. Click 'Send' button next to the message box. |
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| Number | #24 |
| Name | Like Post |
| Description | User should be able to click on the Like button. |
| Initial Condition | On home page, the user must be able to view all the posts with like button on them. |
| input Data | Click on like button |
| Specification | User should be able to view the updated likes value for that post. |
| Procedure | <ol style="list-style-type: none"> 1. Select post 2. Click on Like button. 3. The button should be replaced with unlike button. 4. Number of likes for that post must be incremented by 1 |
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| Number | #25 |
| Name | Unlike Post |
| Description | User should be able to click on the Unlike button. |
| Initial Condition | On home page, the user must be able to view all the posts with like button on them. Once they click on like button, it should be replaced with unlike button. |
| input Data | Click on unlike button |
| Specification | User should be able to view the updated likes value for that post. |
| Procedure | <ol style="list-style-type: none"> 1. Select post 2. Click on Unlike button. 3. The button should be replaced with like button. 4. Number of likes for that post must be decremented by 1 |
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| Number | #26 |
| Name | Search |

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| Description | User should be able to search other users. |
| Initial Condition | On any page, user should be able to see the search input. |
| input Data | Some search criteria in the message box. |
| Specification | User should be able to view the search results based on the criteria provided. |
| Procedure | <ol style="list-style-type: none"> 1. Select search box. 2. Input the search filter / criteria. 3. Click on the search button. 4. The results must contain the list of users on the website and must be displayed to the user. |
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| Number | #27 |
| Name | Search |
| Description | User should be able to view the search bar on any page of the website once they are an authenticated user of the website. |
| Initial Condition | On any page of the application, the user must be able to view all the Search bar on top of the page. |
| input Data | Navigation from one page to another page. |
| Specification | As the user navigates through the pages, they must be able to view the search bar on all the pages. |
| Procedure | <ol style="list-style-type: none"> 1. Click on the navigation menu. 2. Click on Message page. 3. Check whether the search bar is present or not. |
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| Number | #28 |
| Name | Search |
| Description | User should be able to click on the search results and navigate to the profile page of the users. |
| Initial Condition | On any page, the user must be able to search for all users of the application and once the results are displayed they must be able to click on the link to display the profile page of the user. |
| input Data | Some text in the search box. |
| Specification | User should be able to see a list of users based on the search criteria. |
| Procedure | <ol style="list-style-type: none"> 1. Select search box. 2. Type a search criterion in the box. 3. Display the results to the user. 4. Click on the user name and go to the profile page of the user. |
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Revision History

| REVISION | DATE | CHANGE DESCRIPTION |
|-----------------------|------------|--------------------|
| Initial Version (V.1) | 10/01/2017 | Initial Draft |
| Version 2 (V.2) | 10/15/2017 | Changes Sprint 2 |
| Version 3 (V.3) | 10/29/2017 | Changes Sprint 3 |
| Version 4 (V.4) | 11/12/2017 | Changes Sprint 4 |

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