**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**

**Sriharsha Kaluva-** Implemention of location updation with browser prompt, advertisements in all the pages, Integration

**Prashanth Bhat**– Sprint 4 modifications, Profile page, implementation and integration, changing user details, GUI changes.

**Meghesh Patil**– Sprint 4 modifications, block option, Search bar modification, and integration.

**Sagar Suresh Panchal**– Sprint 4 modifications, GUI changes, Live chat implementation, message read receipts, 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**

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|  |
| 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 | 1. Enter email id in email ID field 2. Enter password in password field 3. Type same password in confirm/re-enter password field  4. Select Gender  5. Default location is set to Bloomington  6. Enter Date of birth  7. Click create account button. |
|  |  |
| 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 | 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 | 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 | 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 |
| 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 | 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 | 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 | 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 | 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 |
|  |  |
| 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 | 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 |
|  |  |
| 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 | 1.  Open Login Page 2. Enter email id and password of the user, that has created account and verified email id |
|  |  |
| 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 | 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 |
| Specification | User should able to see the landing page and his/her name in the page |
| Procedure | 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 |
|  |  |
| 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 | 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 | 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 |
|  |  |
| 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 |
| Procedure | 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. |
|  |  |
| 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 | 1. Click on ‘Comments’ button to view the already existing comments. 2. Enter the comment that you want to display. 3. Click post button. |
|  |  |
| 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. |
|  |  |
| 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 |
|  |  |
| 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. |
| input Data | Clicks on ‘remove/delete’ button. |
| Specification | User should be able to delete the posts permanently. |
| Procedure | 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. |
|  |  |
| 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 | 1. Click on ‘Messaging’ icon which is at the right top corner.  2. Wait for page load. |
|  |  |
| 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 | 1. Click on search bar.  2. Enter the text. (Username or email ID)  3. Results should be displayed. |
|  |  |
| 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 | 1. Click on search bar.  2. Enter invalid text. (Username and email ID)  3. Results should not be displayed- Blank page should be displayed. |
|  |  |
| 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 | 1. Select conversation.  2. Click on Message input box.  3. Enter the required message text.  4. Click ‘Send’ button next to the message box. |
|  |  |
| 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 | 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 |
|  |  |
| 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 | 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 |
|  |  |
| Number | #26 |
| Name | Search |
| 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 | 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. |
|  |  |
| 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 | 1. Click on the navigation menu.  2. Click on Message page.  3. Check whether the search bar is present or not. |
|  |  |
| Number | #29 |
| Name | Block user |
| Description | User should be able to block other users by going to their profile page. |
| Initial Condition | On other user profile page, the user must be able see the profile page of the user. And see the block option. |
| input Data | Mouse click on ‘Block User’ |
| Specification | User should not be able to see the profile of the other user. |
| Procedure | 1. Navigate to the profile page of other user.  2. Click on ‘Block user’.  3. Select yes in confirmation prompt.  4. User should be able to see blocked users in his profile (messages). |
|  |  |
| Number | #30 |
| Name | Location change |
| Description | User should be able to change his location depending on the current location. |
| Initial Condition | On homepage, the user is requested to share his current location through browser prompt. Clicking ‘allow’ would start the flow. |
| input Data | Mouse click on ‘allow’ in browser location prompt. |
| Specification | User should be able to see a posts depending on new location (if any) |
| Procedure | 1. Select ‘allow’ in browser prompt.  2. If current location is not same as default location, a dialog box is popped up to ask the user to change the location to current.  3. If the user selects yes, location is updated and new posts are displayed.  4. If no is selected, popup shows default location is used and posts of default location are shown. |

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| Number | #31 |
| Name | Create groups |
| Description | User should be able to create groups by adding users to it. |
| Initial Condition | On the homepage, user must be able to see groups icon in right top icons list. |
| input Data | Click on groups, see the groups he/she is a member of, then click on create groups. |
| Specification | User should be able to create a group, add members to it and see the list of see a list of users based on the group. |
| Procedure | 1. Click on ‘groups’ icon.  2. Click on create group in groups page.  3. Select search bar and input the user name/email ID.  4. Click on the each user to select.  5. Name the group.  6. Click on create group. |
|  |  |
| Number | #32 |
| Name | Manage group(s) |
| Description | User should be able to manage only the grous that he/she has created. |
| Initial Condition | On groups page, the user must be able to see all the groups he is a part of.  Select the group that he has created. |
| input Data | Clicking on the group he has created, the user must have all the authorities like add users, remove users, remove other users’ posts etc. |
| Specification | User should be able add users, remove users, add posts, remove posts, manage posts etc. |
| Procedure | 1. Click/select the groups that are visible.  2. If the user created a group, he will automatically have all the privileges and control. |
|  |  |
| Number | #33 |
| Name | Update profile. |
| Description | User should be able to click on the ‘profile’ and navigate to his own profile page. |
| Initial Condition | On profile page, the user must be able to see all his details from first name, last name, email id, date of birth, contact number, his posts, etc. |
| input Data | Clicking on different options (username updating, password updating, etc.) |
| Specification | User should be able to see the reflection of his updation. |
| Procedure | 1. Select the required category of option of user details.  2. Update using the text entry/ mouse clicks etc.  3. Confirm the changes using confirmation email.  4. Click on ‘confirm changes’. |
|  |  |
| Number | #34 |
| Name | Advertisements |
| Description | User should be able to click on the right column which has advertisements and navigate to the link provided by the third party in a new tab without any effect on the profile or Gamify account. |
| Initial Condition | On homepage, user must be able to see images swapping/ scrolling in the right most column. |
| input Data | Click on the advertisement. |
| Specification | User should be able to navigate to the advertisement link in new tab. |
| Procedure | 1. Click on advertisement image.  2. Wait for page load in a new tab. |

**Revision History**

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| --- | --- | --- |
| **REVSION** | **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 |
| Version 5 (V.5) | 12/03/2017 | Changes Sprint 5 |

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