**It’s Happening**

**Software Test Plan**

**CSCI-P465/565 (Software Engineering I)**

**Project Team 6**

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**1. Overview**  
Manual testings will be done upon delivery

**1.1 Test Objectives**

Test all functionalities implemented during Sprint 1 and 2, including user (event organizer & attendee) registration, login, “remember me?”, and password recovery, Ensure all user can successfully login with credentials after registration and reset password through email ,navigation to home screen , browse screen and search.

**1.2 Test Environment**

Each functionality will be tested manually through Chrome on Windows and Safari on MacOS.

**1.3 Test Personnel**

Arpit Bansal

Arpit Bhatnagar

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**1.4 Acceptance Criteria**

Registration - User should be able to register with [user type, username(unique), first name, last name, email address(unique)]

Login - Registered user should be able to login with valid [username, password] or with their Google account.

Password Encryption - User password should be stored in database in a hashed form.

Password Recovery - Registered user should be able to reset password with valid [username, email address], and receive a new password through their registered email address that can pass the Login test.

**1.5 Noted Omissions**

Duo Authentication - not implemented

**2. Test Cases**

|  |  |
| --- | --- |
| Number | 1 |
| Name | Register User |
| Description | Successfully register Event Attendee |
| Initial Conditions | NULL |
| Input Data | Click on “Sign Up” |
| Select User Type: “Event Attendee” |
| Username: testclient |
| First Name: John |
| Last Name: Doe |
| Email: itshappeningtestclient@gmail.com |
| Password: pass1234 |
| Confirm Password: pass1234 |
| Click on "Sign Up" |
| Specifications | User should be able to create account |
| Procedure | http://localhost/ItsHappening/index.php |
| Number | 2 |
| Name | Password Encryption |
| Description | Check password is encrypted in database |
| Initial Conditions | Test #1 |
| Input Data | SELECT password FROM Customer WHERE username=testclient |
| Specifications | Password should be an encrypted string of password in test #1 |
| Procedure | https://phpmyadmin.sice.indiana.edu/sice-phpmyadmin/index.php?token=03f75b3bb8b1cd97aafb75df55c2852f#PMAURL-2:sql.php?db=p565f18\_arbansal&table=Customer&server=1&target=&token=03f75b3bb8b1cd97aafb75df55c2852f |
| Number | 3 |
| Name | Register User 2 |
| Description | Successfully Register Event Organizer |
| Initial Conditions | NULL |
| Input Data | Click on “Sign Up” |
| Select User Type: “Event Organizer” |
| Username: testclient\_organizer |
| First Name: John |
| Last Name: Doe |
| Email: itshappeningtestclient.organizer@gmail.com |
| Password: pass1234 |
| Confirm Password: pass1234 |
| Click on "Sign Up" |
| Specifications | User should be able to create account |
| Procedure | http://localhost/ItsHappening/index.php |
| Number | 4 |
| Name | Register User 3 |
| Description | User registration fails due to duplicated username |
| Initial Conditions | Test #1 |
| Input Data | Click on “Sign Up” |
| Select User Type: “Event Attendee” |
| Username: testclient |
| First Name: John |
| Last Name: Doe |
| Email: itshappening.someaddr@gmail.com |
| Password: pass1234 |
| Confirm Password: pass1234 |
| Click on "Sign Up" |
| Specifications | User should not be able to create account, with message showing details |
| Procedure | http://localhost/ItsHappening/index.php |
| Number | 5 |
| Name | Register User 4 |
| Description | User registration fails due to duplicated email address |
| Initial Conditions | Test #1 |
| Input Data | Click on “Sign Up” |
| Select User Type: “Event Attendee” |
| Username: testclient1 |
| First Name: John |
| Last Name: Doe |
| Email: itshappeningtestclient@gmail.com |
| Password: pass1234 |
| Confirm Password: pass1234 |
| Click on "Sign Up" |
| Specifications | User should not be able to create account, with message showing details |
| Procedure | http://localhost/ItsHappening/index.php |
| Number | 6 |
| Name | Register User 5 |
| Description | User registration fails due to inconsistent passwords |
| Initial Conditions | Test #1 |
| Input Data | Click on “Sign Up” |
| Select User Type: “Event Attendee” |
| Username: testclient2 |
| First Name: John |
| Last Name: Doe |
| Email: itshappeningtestclient2@gmail.com |
| Password: pass1234 |
| Confirm Password: 1234pass |
| Click on "Sign Up" |
| Specifications | User should not be able to create account, with message showing details |
| Procedure | http://localhost/ItsHappening/index.php |
| Number | 7 |
| Name | Login |
| Description | Successfully login with valid credentials |
| Initial Conditions | Test #1 |
| Input Data | Username: testclient |
| Password: pass1234 |
| Specifications | User should be able to login |
| Procedure | http://localhost/ItsHappening/index.php |
| Number | 8 |
| Name | Login 2 |
| Description | Login fails due to user non-existence |
| Initial Conditions | NULL |
| Input Data | Username: test\_client |
| Password: pass1234 |
| Specifications | User should not be able to login, with message showing details |
| Procedure | http://localhost/ItsHappening/index.php |
| Number | 9 |
| Name | Login 3 |
| Description | Login fails due to incorrect password |
| Initial Conditions | NULL |
| Input Data | Username: testclient |
| Password: pass12345 |
| Specifications | User should not be able to login, with message showing details |
| Procedure | http://localhost/ItsHappening/index.php |
| Number | 10 |
| Name | Forgot Password |
| Description | User resets password, and receives new password from email |
| Initial Conditions | Test #1 |
| Input Data | Click on “Forgot password?” |
| Username: testclient |
| Email: itshappeningtestclient@gmail.com |
| Click on “Submit” |
| Specifications | User should be able to receive new password from email inbox, and successfully login through the login page |
| Procedure | http://localhost/ItsHappening/index.php |
| https://mail.google.com/mail/u/0/#inbox =>  username: itshappeningtestclient  password: segroup6 |
| GOTO email inbox, retrieve new password |
| Repeat test #7 with new password |
| Number | 11 |
| Name | Forgot Password 2 |
| Description | User fails to resets password due to invalid username |
| Initial Conditions | NULL |
| Input Data | Click on “Forgot password?” |
| Username: test\_client |
| Email: itshappeningtestclient@gmail.com |
| Click on “Submit” |
| Specifications | User should not be able to reset password, with message showing details |
| Procedure | http://localhost/ItsHappening/index.php |
| Number | 12 |
| Name | Forgot Password 3 |
| Description | User fails to resets password due to invalid email address |
| Initial Conditions | NULL |
| Input Data | Click on “Forgot password?” |
| Username: testclient |
| Email: testclient@gmail.com |
| Click on “Submit” |
| Specifications | User should not be able to reset password, with message showing details |
| Procedure | http://localhost/ItsHappening/index.php |
| Number | 13 |
| Name | Google OAuth - registration using gmail |
| Description | Registration using Gmail |
| Initial Conditions | Select type of user before register |
| Input Data | select gmail account / login using gmail |
| Specifications | User should be able to register using gmail id |
| Procedure | Click on Sign up |
| Select Type of user and click on Google Sign-in |
| Select gmail account to get registered |
| Number | 14 |
| Name | Navigation to home screen |
| Description | On successful login, Navigate to home screen |
| Initial Condition | Valid User Id and password |
| Input Data | Login using Gmail account / Registered userid and password |
| Specification | User should be able to navigate to Home screen |
| Procedure | Click on Sign in after entering valid user Id and password / Gmail account |
|  | Navigate to Home page |
| Number | 15 |
| Name | Featured Events |
| Description | Featured Events displayed in top banner |
| Initial Condition | Valid user login |
| Input data | N/A |
| Specification | Display list of featured events in the form of banner |
| Procedure | Click on Sign in after entering valid user Id and password / Gmail account |
|  | Navigate to Home page |
|  | Verify Featured banner |
| Number | 16 |
| Name | Search Events |
| Description | Search Events using any keyword |
| Initial Condition | N/A |
| Input Data | Keyword to be searched . Example : Music |
| Specification | Navigate to Browse screen with list of search results |
| Procedure | Navigate to Home Screen |
|  | Enter a keyword and hit search |
|  | Page will navigate to Browse screen |
|  | List of search result displayed (if any) |
| Number | 17 |
| Name | List of Upcoming events |
| Description | Display list of events which are upcoming |
| Initial Condition  Input Data | N/A  N/A |
| Specification | Display list of all the upcoming events |
| Procedure | Navigate to home screen |
|  | Verify list of upcoming event scroll box |
| Number | 18 |
| Name | List of Categories of events |
| Description | Display list of all the categories of events |
| Initial Condition | N/A |
| Input Data | N/A |
| Specification | Display list of all the categories of events |
| Procedure | Navigate to Home Screen |
|  | Verify list of categories in the home screen |
| Number | 19 |
| Name | About US |
| Description | Details on the home screen about Its Happening and social media links |
| Initial Condition | N/A |
| Input Data | N/A |
| Specification | Display all the details about us at the bottom on Home Screen |
| Procedure | Navigate to Home screen |
|  | Scroll to the end of the page to see About Us section |
| Number | 20 |
| Name | Navigate to Category result on click of category card |
| Description | Display Category result in browse screen on Click of Category |
| Initial condition | N/A |
| Input Data | Selection of a category |
| Specification | Display all the result related to category selected in Browse screen |
| Procedure | Navigate to Home Screen |
|  | Click on any of the category. Example : Music |
|  | Show result on browse screen |
| Number | 21 |
| Name | Onclick of Upcoming events |
| Description | Display Data related to upcoming events as an overlay |
| Initial Condition | Upcoming events available |
| Input Data | Select an upcoming event |
| Specification | Display details regarding upcoming event selected |
| Procedure | Navigate to Home Screen |
|  | Click on upcoming events |
|  | Observe an overlay with event description |
| Number | 22 |
| Name | Menu on Top of the screen |
| Description | Verify the menu on top of every screen |
| Initial condition | User logged in |
| Input Data | N/A |
| Specification | Display a menu on top over every screen |
| Procedure | Navigate to Home Screen |
|  | Verify a menu on top of the screen |
| Number | 23 |
| Name | Maps on Browse screen |
| Description | Display a map with current location and events near by with pins |
| Initial Condition | Geo-location enabled |
| Input Data | N/A |
| Specification | Display a map with pins |
| Procedure | Navigate to browse screen |
|  | Observe the map with current location pin and events nearby |

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| --- | --- |
| Number | 24 |
| Name | Chat |
| Description | When CSR is inactive |
| Initial Condition | User should be logged in |
| Input data | N/A |
| Specification | User should be able to send messages |
| Procedure | Navigate to home screen after login |
|  | Click on Chat option at the bottom of the screen |
|  | Send messages |
|  | A mail will be sent to CSR as he/she will be offline |
| Number | 25 |
| Name | Chat |
| Description | When CSR is active and CSR status |
| Initial Condition | User should be logged in |
| Input data | N/A |
| Specification | User should be able to send messages |
| Procedure | Navigate to home screen after login |
|  | Click on Chat option at the bottom of the screen |
|  | Send messages |
|  | User will be able to see the status of the CSR |
|  |  |
| Number | 26 |
| Name | Chat |
| Description | When CSR is active |
| Initial Condition | User should be logged in |
| Input data | N/A |
| Specification | User should be able to send messages |
| Procedure | Navigate to home screen after login |
|  | Click on Chat option at the bottom of the screen |
|  | Send messages |
|  | User will be able to know whether CSR is writing or not |
|  |  |
| Number | 28 |
| Name | Ads |
| Description | Ads should be visible for registered users |
| Initial Condition | User should be in browse page |
| Input data | N/A |
| Specification | User should be able to see ads |
| Procedure | Navigate to browse screen after login |
|  | Ads should be visible to the user |

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| Number | 29 |
| Name | Images on Event Page |
| Description | Display primary and optional images on event page |
| Initial Condition | Images Uploaded |
| Input Data | N/A |
| Specification | Display images with slideshow effect |
| Procedure | Navigate to event page |
| Observe the images |
| Number | 30 |
| Name | Image Switch on Event Page |
| Description | Switch images with mouse click on corresponding dots |
| Initial Condition | Images uploaded, Event contains multiple images |
| Input Data | Mouse click on dots |
| Specification | Switch image according to dot position |
| Procedure | Navigate to event page |
| Click on dots |
| Observe image change |
| Number | 31 |
| Name | Maps on Event Page |
| Description | Display a map with current location and event location with pins, centered at event location |
| Initial Condition | Geo-location enabled |
| Input Data | N/A |
| Specification | Display a map with two placeholder |
| Procedure | Navigate to event page |
| Observe the map with user and event locations |
| Number | 323 |
| Name | Event Descriptions on Event Page |
| Description | Display event information on info box |
| Initial Condition | Event title, time, location, organizer, organizer social media, description present |
| Input Data | Mouse click on social media links |
| Specification | Display Event title, time, location, organizer, organizer social media, and description. |
| Event time in standard human terms. |
| Social media links active to organizer social media pages. |
| Procedure | Navigate to event page |
| Observe the event information block |
| Click on social media links |
| Number | 33 |
| Name | Related Events on Event Page |
| Description | Display related events, primary image and title, according to organizer and category |
| Initial Condition | N/A |
| Input Data | Mouse click on related events |
| Specification | Display up to four related events |
| Procedure | Navigate to event page |
| Observe related events’ images and titles |
| Mouse click on events to see navigated page |
| Number | 34 |
| Name | Checkout Form on Event Page |
| Description | Display all available tickets |
| Initial Condition | Event contains ticketing options |
| Input Data | N/A |
| Specification | Display ticket type, price, and quantity |
| Procedure | Navigate to event page |
| Observe ticket information |
| Number | 35 |
| Name | Checkout Form Quantity Setter on Event Page |
| Description | Change ticket quantity with user input |
| Initial Condition | Event contains ticketing options |
| Input Data | Mouse click on ‘-’ or ‘+’ sign on quantity column |
| Specification | Change quantity according to user input |
| Quantity decrement upon click on ‘-’ |
| Quantity increment upon click on ‘+’ |
| Subtotal changes corresponding to quantity change |
| Procedure | Navigate to event page |
| Click on ‘+’ sign to see quantity increment by 1 |
| Click on ‘-’ sign to see quantity decrement by 1 |
| Observe subtotal change |
| Number | 36 |
| Name | Checkout Form Coupon on Event Page |
| Description | Enter Coupon on checkout form |
| Initial Condition | Event contains ticketing options |
| Input Data | text on ‘Coupon’ input box |
| Specification | Allow user to enter coupon |
| Display entered coupon |
| Procedure | Navigate to event page |
| Enter text in  ‘Coupon’ input box |
| Number | 37 |
| Name | Order Detail on Event Page |
| Description | Display order detail according to ticket type, price, quantity, and coupon entered |
| Initial Condition | Event contains ticketing options |
| Input Data | Certain amount on ticket quantity |
| Coupon: ‘student95’ |
| Specification | Display ordered ticket details: ticket type, price, and quantity |
| Display coupon and corresponding discount |
| Display Subtotal, the same amount as on checkout form |
| Display Tax according to subtotal |
|  |
|  |
| Display Total according to subtotal and tax |
| Display Paypal checkout button |
| Procedure | Navigate to event page |
| Click on quantity increment |
| Enter Coupon ‘student95’ |
| Click on ‘checkout’ button |
| Observe Order details |

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| --- | --- |
| Number | 38 |
| Name | Payment by paypal |
| Description | On entering valid cc/dc transaction should be successful |
| Initial Condition | Customer should have selected at least 1 ticket to buy |
| Input Data | A valid amount |
| With or without Coupon: ‘student95’ |
| Specification | Click on paypal checkout |
| Enter login details |
| Enter cc/dc details |
| Payment successful |

|  |  |
| --- | --- |
| Number | 39 |
| Name | Organiser Payment by paypal |
| Description | On entering valid cc/dc transaction should be successful |
| Initial Condition | Organiser will pay while creating payment |
| Input Data | A valid amount |
| Event creation form should be filled |
| Specification | Fill the event creation form |
| Click on Create event |
| Click on paypal button |
| Login/ Guest Login paypal |
|  | Enter cc/dc details |

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| --- | --- |
| Number | 40 |
| Name | Book Uber |
| Description | A user should be able to book uber after booking ticket |
| Initial Condition | Customer should have selected at least 1 upcoming event ticket |
| Specification | Go To profile page |
| Click on Upcoming event |
| Click on View Details |
| Click on Uber |

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| --- | --- |
| Number | 41 |
| Name | User profile statistics |
| Description | A user should be able to view the no of tickets for upcoming and past events |
| Initial Condition | Customer should have selected at least 1 ticket to buy |
| Specification | Go To Profile Page |
| Go To Tickets Summary |
| Details will be visible with valid numbers |

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| --- | --- |
| Number | 42 |
| Name | User Profile |
| Description | User will be able to see his generic details on profile details |
| Initial Condition | Customer should have be logged in |
| Specification | Go To Profile Page from Menu Bar |
| Verify full name |
| Verify username |
|  | Verify email address |
|  | Verify upcoming events ticket and past tickets |
|  | Verify the edit profile |

|  |  |
| --- | --- |
| Number | 43 |
| Name | Edit profile |
| Description | A user should be able to edit his profile details |
| Initial Condition | Customer should have been logged in |
| Specification | Go To Profile Page |
| Go To Edit Profile |
| Edit either username/first name/ last name/ email |
|  | Click on update profile |

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| Number | 44 |
| Name | Organizer dashboard statistics |
| Description | An organizer should be able to view the aggregates for the number of events he is hosting, number of users registered and total revenue generated and also see similar details for individual events he hosts |
| Initial Condition | Organizer should have hosted at least 1 event with us |
| Specification | Go To Organizer dashboard Page |
| Aggregate values for all events should be displayed on the donut chart and the revenue details must be shown on the adjacent bar graph |
| Click on individual events under My Events |
|  | Statistics for individual events should be displayed on the popup |

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| --- | --- |
| Number | 45 |
| Name | Admin dashboard statistics and approvals |
| Description | An admin should be able to view the number of users and organizers registered on the site along with the revenue made and number of events hosted. |
| Initial Condition | Admin should be logged in to the site with valid credentials |
| Specification | Go To Admin dashboard page |
| Total number of users, organizers, events and total revenue should be displayed on the cards on top and details of the monthly revenue generated should be displayed on the bar charts |
| Number of events which are pending or approved states should be listed |
|  | Clicking on APPROVE or REJECT should move the organizer to the correct state and approving should start displaying his event on our page. |

**Revision History**

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| --- | --- | --- |
| **Revision** | **Date** | **Change Description** |
| v.1.0.0 | 09/30/2018 | Sprint 1 Initial Version |
| v.2.0.0 | 10/14/2018 | Sprint 2 Feature Additions |
| v.3.0.0 | 10/28/2018 | Sprint 3 Feature Additions |
| v.4.0.0 | 11/11/2018 | Sprint 4 Feature Additions |
| v.5.0.0 | 12/02/2018 | Sprint 5 Feature Additions |