**Test Plan and Execution**

**PART I. Form Field validations**

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| --- | --- | --- | --- |
| **Page Name** | **Form ID** | **Field ID** | **Expected Value** |
| Home | Search | textInput | String |
| Log In | Username | textInput | String |
| Log In | Password | textInput | String |
| Sign Up | Username | textInput | String |
| Sign Up | Email | textInput | String |
| Sign Up | Password | textInput | String |
| Sign Up | Confirm | textInput | Matching String |
| Log In | Username | textInput | Matching String |
| Log In | Password | textInput | Matching Password |
| Home | Geo-location | Image | Geo-location map |

**Tests:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Page Name** | **Form ID.Field ID** | **Expected Values** | **Test ID** | **Test Value** | **Pass/Fail** |
| Home | Search.textInput | String | field.1 | Empty | Pass |
| Home | Search.textInput | String | field.2 | Int | Pass |
| Log In | Username.textInput | String | field.3 | Empty | Pass |
| Log In | Username.textInput | String | field.4 | Non-existent username | Pass |
| Log In | Password.textInput | String | field.5 | Empty | Pass |
| Log In | Password.textInput | String | field.6 | Incorrect Password | Pass |
| Sign Up | Username.textInput | String | field.7 | Empty | Pass |
| Sign Up | Email.textInput | String | field.8 | Empty | Pass |
| Sign Up | Email.textInput | String | field.9 | Empty | Pass |
| Sign Up | Password.textInput | String | field.10 | Empty | Pass |
| Sign Up | Password.textInput | String | field.11 | Empty | Pass |
| Sign Up | Confim.textInput | String | field.12 | Empty | Pass |
| Sign Up | Confirm.textInput | String | field.13 | Non-matching | Pass |
| Home | Geo-location.Image | Location Image | field.14 | My location | Pass |

**PART II. Data Validation**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table** | **Field** | **Type** | **Read/**  **Write** | **Source** | **constraints** | **TestId** | **Pass/Fail** |
| bookmark\_counter | id | Int | R/W | SQLAlchemy | Int ~= NULL | data.1 | Pass |
| bookmark\_counter | bookmark\_id | Int | R/W | SQLAlchemy | Int | data.2 | Pass |
| bookmark\_counter | count | Int | R/W | SQLAlchemy | Int | data.3 | Pass |
| bookmark\_counter | source | Int | R/W | SQLAlchemy | Int | data.4 | Pass |
| migrate\_version | repository\_id | VarChar | R/W | SQLAlchemy | 0<VarChar<250 | data.5 | Pass |
| migrate\_version | repository\_path | Text | R/W | SQLAlchemy | Text | data.6 | Pass |
| migrate\_version | version | Int | R/W | SQLAlchemy | Int | data.7 | Pass |
| user\_bookmark | id | Int | R/W | Eventbrite API | Int ~= NULL | data.8 | Pass |
| user\_bookmark | bookmark\_id | Int | R/W | Eventbrite API | Int | data.9 | Pass |
| user\_bookmark | source | Int | R/W | Eventbrite API | Int | data.10 | Pass |
| user\_bookmark | user\_id | Int | R/W | User object | Int | data.11 | Pass |
| user | id | Int | R/W | User object | Int ~= NULL | data.12 | Pass |
| user | username | VarChar | R/W | Username.textInput | 0<String<64 | data.13 | Pass |
| user | email | VarChar | R/W | Email.textInput | 0<String<120 | data.14 | Pass |
| user | passwordhash | VarChar | R/W | Password.textInput | 0<String<120 | data.15 | Pass |

**Part III. UI Validation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Page Name** | **UI Element** | **Expected Function** | **Test ID** | **Pass/Fail** |
| All pages | Home | Takes user back to home page with search box | ui.1 | Pass |
| All pages | Popular Events | Goes to popular events page | ui.2 | Pass |
| All pages | How LocFun works | Goes to page that describes how the site works | ui.3 | Pass |
| All pages | Features | Goes to page that describes the features included in site | ui.4 | Pass |
| All pages | Help | Goes to page that troubleshoots with common problems | ui.5 | Pass |
| All pages | Log In | Goes to Log in Page | ui.6 | Pass |
| All pages | Sign Up | Goes to sign up page | ui.7 | Pass |
| Log In | Log In | Brings user to homepage if the username and passwords have correct values | ui.8 |  |
| Log In | Sign Up | Brings user to sign up page | ui.9 | Pass |
| Sign Up | Sign Up | Creates account for user if the required fields are filled | ui.10 | Pass |
| Sign Up | Log In | Takes user to Log in Page | ui.11 | Pass |
| Popular Events | Buy Ticket Now | Takes user to eventbrite page for ticket purchase | ui.12 | Pass |
| Popular Events | Bookmark | If the user is not logged in takes the user to log in page, else bookmarks the page | ui.13 | Fail |
| Popular Events | More Info | Takes user to new page with event description, weather info, and directions to event | ui.14 | Pass |
| Event Info | Buy Ticket Now | Takes user to eventbrite page for event | ui.15 | Pass |
| Event Info | Bookmark | If the user is not logged in takes the user to log in page, else bookmarks the page | ui.16 | Pass |
| Home | Search | Takes user input from search box and returns results on new page | ui.17 | Pass |

**PART IV. Remediation**

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| --- | --- | --- | --- | --- | --- |
| BugID | TestID | Description | Severity | Assigned | Completed Date |
| Bug1 | field.14 | Geo-location failed | 2 | Chet | 12/03 |
| Bug2 | ui.13 | Bookmark fail | 3 | Chet | 12/06 |