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| Project: | | University Bazaar System (UBS) | | | |
| Team No.: | | Team 6 | | | |
| Class: | | CSE 3310; Spring 2021 | | | |
| Module: | | Test Plan | | | |
| Deliverable: | | Test Plan Document | | | |
| **Version:** | | | **[1.0]** | **Date:** | **[04/22/2021]** |

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**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Version number*** | ***Date*** | ***Originator*** | ***Reason for change*** | ***High level description of changes*** |
| 1.0 | 04/22/2021 | Team 6 | Initial draft | Created test plan |
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# 1. Introduction and Plan of Approach

Provide a brief description for the following areas:

* Project overview: The purpose of the University Bazaar System is a sort of social media app that can be provided to UTA students and faculty. Its intent is to have functions, presented here but not limited to, for communication with other members of the app, to have a marketplace to sell and buy things locally, and to provide information and guidance on many local events and campus organizations.

The functions are as follows:

* Registration: Students must register before they can use the system. University ID can be used as member Id.
* Login: Members must login to use the system after initial registration.
* Payments: System should be able to handle payments (Credit cards only; You do not need to actually validate credit cards for this project, just make them 16 digits long)
* Organizations: System should allow members to form specific organizations or clubs (e.g. chess club, math club, European students club, etc.).
* Marketplace: System should allow for buy/sell/lend/exchange of merchandise (e.g. books, household items such as TVs, furniture, etc.).
* Messages: System should allow for sending messages/emails to a single subgroup or all members (e.g. Free Pizza at 12 in ERB 500, free movie showing in the student center, a great restaurant just opened next door, chess club tournament begins next week, etc.)
* Forums: Exchange information about any topic, of course appropriate and within legal boundaries of a university setting such as: job postings, company hiring, class information, tutoring service, attending graduate programs, conference information, job fairs, subleasing apartments, sharing rides, etc. (anything goes)
* Search: You should be able to search for events or items
* List components that will be covered in your Test Plan:
* Login
* Registration
* Search
* Form Club
* Buy-Sell-Trade
* Communication/DMs
* Payment

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# 2. Test Cases: “Login”

**Project Name:** UBS

**Test Case Name:** Login

**Test Case Id**: CSE3310/Spring 2021/Team6/ Login

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case No.** | **Test Case Description** | **Expected results** | **Outcome**  **Pass, Fail, Other (comments)** |
| TC1 | Tab into the User and password fields and enter a valid user id/password (a test id should be created and provided to testers) | System should let you in |  |
| TC2 | Tab into the User and password fields and enter an invalid user id/password | System should not accept and prevent you from entry |  |
| TC3 | Enter a valid User Id and press “forgot password”. | System should prompt you with a security question and text you a reset password. |  |
| TC4 | Enter an invalid User Id and press “forgot password”. | System should prompt you with a security question and text you with an “invalid User Id” message. |  |
| TC5 | Describe Test case | Describe expected result |  |

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# 3. Test Cases: “Registration”

**Project Name:** UBS

**Test Case Name:** Registration

**Test Case Id**: CSE3310/Spring 2021/Team6/ Registration

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case No.** | **Test Case Description** | **Expected results** | **Outcome**  **Pass, Fail, Other (comments)** |
| TC1 | Press on “new user” in case of a new user | Lead to a page to fill out information for a fresh account |  |
| TC2 | Tab into “username” and enter a new username | enter a unique username or let them use their #1000/#1001 university ID |  |
| TC3 | Tab into “password” and allow user to enter a valid password for their account | a valid password with special characters and numbers |  |
| TC4 | Tab into “name” allow user to enter a valid first name | a first name to be registered with no numbers or special characters (excluding -) |  |
| TC5 | tab into “email” and allow the user to enter a mav email for their new account | valid mav email to be entered |  |
| TC6 | press “register” when finished with test cases TC1-TC5 | a new account is registered in the system |  |

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# 4. Test Cases: “Search”

**Project Name:** UBS

**Test Case Name:** Search

**Test Case Id**: CSE3310/Spring 2021/Team6/Search

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case No.** | **Test Case Description** | **Expected results** | **Outcome**  **Pass, Fail, Other (comments)** |
| TC1 | Hitting Search Button in the Navigation Bar opens up Search Bar | Search Bar activity loads into the screen |  |
| TC2 | Tab into the Search field and conduct search for Users | Search Result consisting of different user names should be displayed |  |
| TC3 | Tab into the Search field and conduct search for Clubs | Search Result consisting of different Clubs should be displayed |  |
| TC4 | Tab into the Search field and conduct search with random keywords | Search Result comprising of results relating to the keyword should be displayed |  |
| TC5 | Searching with rubbish keyword | “No results found” should be displayed |  |

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# 5. Test Cases: “Form Club”

**Project Name:** UBS

**Test Case Name:**  Form Club

**Test Case Id**: CSE3310/Spring 2021/Team6/Form\_Club

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case No.** | **Test Case Description** | **Expected results** | **Outcome**  **Pass, Fail, Other (comments)** |
| TC1 | Click the Club option in navigation bar. | The user will be redirected to the club home page, and the user can manage the club |  |
| TC2 | Click the 'Create new club' option on the club home page | The user will be redirected to the club creation page and can create a club here |  |
| TC3 | Click the 'Join' option on the club home page | The user will be redirected to the club search page and can join a club here |  |
| TC4 | Click the update button to update the club, and click the ‘Dismiss’ button to dismiss the club on the club home page | If the user is the creator of the club, he can update or dismiss the club. If the user is not the creator, he cannot see these two options. |  |
| TC5 | Click the ‘Exit’ button to exit joined club on the club home page | If the user is the creator of the club, he can cannot see the option. If the user is not the creator, he will exit the club which he joined. |  |
| TC6 | Enter a unique club name and club description, then click the ‘Create Club Now’ option on club creation page | The system saves the club which user created. |  |
| TC7 | Enter a not unique club name and club description, then click the ‘Create Club Now’ option on club creation page | The system will not save the club which user created and warn user to enter a different club name |  |
| TC8 | Enter club name into the search text input , then click ‘search button’ on club search page | The system will show all the clubs that meet the conditions |  |
| TC9 | Enter the page for the first time or click ‘reset button’ on club search page | The system will display the latest 10 club information |  |
| TC10 | Click ‘Join’ button on club search page | If the user is the creator of the club or has joined, the system will warn that he cannot join. If the user is not the creator of the club or has joined, the system will let him join the club. |  |
| TC11 | Enter the club description message, then click ‘update information’ on club update page | The system will save the update about the club. |  |

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# 6. Test Cases: “Buy-Sell-Trade”

**Project Name:** UBS

**Test Case Name:** Buy-Sell-Trade

**Test Case Id**: CSE3310/Spring 2021/Team6/ Buy-Sell-Trade

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|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case No.** | **Test Case Description** | **Expected results** | **Outcome**  **Pass, Fail, Other (comments)** |
| TC1 | Click on the Marketplace option in the navigation bar | The user will be redirected to the Marketplace to buy, sell or trade the products. |  |
| TC2 | Click the ‘Buyer’ option on the marketplace home page | The user will be redirected to the marketplace buyer page where he can click on items and look information on the item he wants to buy. |  |
| TC3 | Click the ‘Checkout’ option on the Buyer home page | The user will be redirected to the checkout segment in the Payment home page where buyers can enter their information. |  |
| TC4 | Click the ‘Seller’ option on the marketplace home page | The user will be redirected to the marketplace seller page where he can list items for sale and update information including price and pickup options. |  |
| TC5 | Click the ‘Sell Something’ option on the Seller home page | The user will be redirected to the seller home page where he can add photos and information about what he would like to sell. |  |
| TC6 | Click the ‘Post’ option without posting anything on Seller home page | The user will not be able to post the item he would like to sell. |  |
| TC7 | Click the ‘Trader’ option on the marketplace home page | The user will be redirected to the marketplace trader page where he can list items for trade and update information including condition of items and availability date. |  |

# 7. Test Cases: “Communication/DMs”

**Project Name:** UBS

**Test Case Name:** Communication/DMs

**Test Case Id**: CSE3310/Spring 2021/Team6/Communication

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case No.** | **Test Case Description** | **Expected results** | **Outcome**  **Pass, Fail, Other (comments)** |
| TC1 | Enter the message recipients name at the top of search bar | The list of people with the same name are shown |  |
| TC2 | Click the create a group option | The list of selected people can be made into a group for group messages |  |
| TC3 | Type a message | allow the user to input a message |  |
| TC4 | Send a message | Send the typed message to the recipient |  |
| TC5 | Add voice record, videos, clips | The messages can include media |  |

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# 8. Test Cases: “Payment”

**Project Name:** UBS

**Test Case Name:** Payment

**Test Case Id**: CSE3310/Spring 2021/Team6/Payment

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case No.** | **Test Case Description** | **Expected results** | **Outcome**  **Pass, Fail, Other (comments)** |
| TC1 | Click the payment icon | The user is redirected to the list of items in shopping cart |  |
| TC2 | Click the payment button | The user is redirected to the payment page where the billing method is asked to the user |  |
| TC3 | Click the credit card/cheque option | The systems asks user for the card/cheque credentials |  |
| TC4 | Credit card credentials not equals to 16 digits | The system is not able to validate the card and inputs for the 16 digits again and again until correction is made |  |
| TC5 | Click the status of order option | The current status of the order is made visible (delivered, shipped, processing) |  |

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# 9. Test Cases: “Forum”

**Project Name:** UBS

**Test Case Name:** Payment

**Test Case Id**: CSE3310/Spring 2021/Team6/Forum

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case No.** | **Test Case Description** | **Expected results** | **Outcome**  **Pass, Fail, Other (comments)** |
| TC1 | Once gained entry through the Login Screen, the system should then move onto Forum presented in the Home Screen. | System should present Forum space present in the Home Screen. |  |
| TC2 | Tab into the “Write here” field and start typing. | System should allow users to type on whatever they desire on the field. |  |
| TC3 | Click “Post” Button | Whatever written on the “Write Here” Field should be posted on the Forum. |  |
| TC4 | Click “Cancel” Button | Whatever written on the “Write Here” Field is to be discarded and no post is made. |  |
| TC5 | Click “View Post” Button | System should allow the user to view the specific post by opening it solely over the screen including loading up the comments present on the post. |  |