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| Bug/Test | Scenario | Possible Solution | Related to other bugs |
| 1 | When I try to initialize an account for admin, the initialization does not go through | Make the admin account when the initialization button is clicked with the information entered by the user. | 2 |
| 2 | When I try to sign in, it asks for User ID, however, I was never given an user Id when I was initializing my account. And just takes me to the admin page (for first time initialization) | When my account is created, display my id on the screen so I know what my Id is. | 1 |
| 3 | When I was initializing my account, (occurs after first initialization is attempted) I am given no indication that my account is initialized. As a result, I end pressing the button multiple times, possibily creating multiple accounts. | Give an indicator to the person using the app to show that the account has been created (also telling the user their Id) |  |
| 4 | After logining in, and getting to the home page of admin, I should be asked if I am sure I want to exit, and not just exit right away. | Make a pop/message asking me if I am sure I want to log out. | 5 |
| 5 | Able to add items with a blank string (“”). (also able to add items with only numbers) | Check the string before entering it into the database. | 4 |
| 6 | When I try to add an item to the database, I can set the price to 0. | The app should ask me if I am certain about this price (as I could just be setting it to 0 to give free items/samples for customers). |  |
| 7 | As an admin, I am able to add an item and set the price to have more than two decimal places. | Make sure that the length of the price is 2 after the decimal place. |  |
| 8 | As an admin, when I add a new item and I don’t set the price, the app automatically crashes. | Make an exception that deals with an empty input. |  |
| 9 fixed | Unable to initialize the admin on the initialization page on devices with small screens (extremely difficult to press the button the google Pixel 2). | Add a scrolling feature so that you can access the button. |  |
| 10 | After clicking update for user information, I am taken back to the add/edit user page. Now if I press back on my phone, it still shows my old name. | Update the admin home page as soon as the change happens. |  |
| 11 | When I create a user, I am allowed to enter an address with a length of 100 characters or more. | Prevent me from entering more than 100 letters | 12, 13 |
| 12 | When I create a user, I am given a -1 ID when I enter an invalid address. | Make sure address is allowed before entering my information. Fix bug 11. | 11 |
| 13 | When I create a second user with an address more than 100 characters, I am again given -1 ID, even though someone else already has that Id. | Fix bug 11. | 11 |
| 14 | Able to create a user without filling out any information as long as name is filled out. | Make sure user cannot press the button until all parameters/information is filled in. |  |
| 15 | The android app crashes when I press add user when no information is filled out. | Fix bug 14. | 14 |
| 16 | As a customer, if I click restore shopping cart, (whether I click yes or no), none of the other buttons work. | Make the buttons work after I do the restore shopping cart option. |  |
| 17 | After checkout the quantity of the purchased item remains the same |  |  |
| 18 | When the first admin is created for the app, I am allowed to have an address that is more than 100 characters long | Add a limit to the number of characters I can use |  |
| 19 | As an admin, when I create a user, I am not required to fill out any information (meaning I can just click create user without entering any info at all). | Make sure I am forced to fill out all information. I should never be able to enter an empty string into any of the required information. |  |
| 20 | As an admin, after I add an account for a customer, I am unable to use any of the buttons (none of them work) | Add functionality to the buttons after I add an account to the user. |  |
| 21 | As an admin, if I try to add an item without filling out both name and price (empty string), then the app crashes | Make sure that the both information are filled before I am allowed to enter/click the button. (ie, make he button invisible until some information has been filled). |  |
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