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| Bug/Test | Scenario | Possible Solution | Related to other bugs |
| 1 fixed | 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 fixed | 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 fixed | 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 when I press the logout button, 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.(ie: $92.232344) | 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 fixed | 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. | 14 |
| 20 fixed | 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). |  |
| 22 | (After creating first admin) When I try to create an admin, it does not take me back to the home page after I click the initialize button. I may end up pressing it multiple times by accident and create additional admin accounts by accident. | Take me back to the home page after I press the initialization button. Or the login page. |  |
| 23 | When I do the second initialization, and if the address is more than 100 characters long, my Id becomes -1. This implies that my account is still being created. | Instead of saying that an account with a negative Id is created, first check if the output Id is greater than 0, if not, then say a message saying that one of the parameter are incorrect. |  |
| 24 | As an admin, when I want to edit/update a user’s information, I am able to make the address length longer than 100. No way to check what my address is though. | Make a restriction on the address so that only address with 100 characters can work. |  |
| 25 | As an admin, when I create a user, I am given no warnings about my name being too short or my address being too long (or blank). | Add warning similar to initialization page to the create/update user page. |  |
| 26 | As an admin, after I add an account to a customer, I am taken back to the main page, but none of the buttons work. | Make the buttons work as intended.svn |  |
| 27 | As an admin, I am able to create users only if I enter the age. The creation process still goes through and I receive an id | Fix bug 14 | 14 |
| 28 | As an admin, the “see the sales” button does not show me anything. Even though a customers have been buying things. | Get the list of sales that had occurred from SalesLog or something. |  |
| 29 | As of now, the ‘account’ part of the app serves no purpose. You are still unable to get active/inactive account and still unable to use ‘Restore shopping cart’. | Use account for restoring shopping cart and set it to inactive after a purchase is made. |  |
| 30 | As a customer if I add a item 3 separate times (meaning add an item once, then add the same item again, and add it again), it is shown as 3 different entries. | Maybe combine the 3 separate entries into 1 entry. MUST BE FIXED SINCE IT WILL BE POSSIBLE TO HAVE A NEGATIVE QUANTITY (if you try to remove that item). Checkout becomes impossible. Customer is forced to sign out and sign back in (as this will reset the cart). Ask Tanaan for picture of this instance if you don’t understand. |  |
| 31 | As a customer, with a combination of add and remove of the same item, I am able to get negative quantities in my cart. Also able to get a negative total. Similar to bug 30. | Fix bug 30. | 30 |
| 32 | As a customer, I am able to do checkout with nothing in my cart. This doesn’t do anything wrong but this is not sensible. | Disable the checkout button if the cart is empty. |  |
| 33 | When an admin create another admin through the add/edit user page, when the admin created, you receive a message saying that a customer is created (and not admin). | Change the message so that it says admin, when an admin is created. Check bug 34. | 34 |
| 34 | The roles feature does not work on the admin’s create user page. It will always create a customer | Make it so that an admin is created when the role is set to admin. |  |
| 35 | After I add an account to any Id, it takes me to a page where the buttons do not work. | Make it so that the after I create the account, it takes me to a working page with buttons. |  |
| 36 | There should be a notification saying that adding the account to the customer was successful (or unsuccessful if I try to add it to an admin). | Make a message appear to show that it works |  |
| 37 | It is currently possible to add accounts to admin Ids. | Make sure that the app prevents admins from adding accounts to their ids. | 36 |
| 38 FIX THIS ASAP | The Admin’s add user page does not work on devices with smaller screens (ie: Google Pixel) | Add scrolling feature. | 9 |
| 39 | In the admin intiailziation page, I am able create an admin as long as I fill out password (and confirm password) and age | Make sure that name and address must be at least of length 1. |  |
| 40 | As a customer, when I try to save my cart, I see a selling error. | Fix the grammar error |  |
| 41 | As a customer, when I try to select checkout, I am for some reason being asked about saving my cart. | Make the saving cart message only appear when I click the save cart. |  |
| 42 | As a customer, after I checked out my old shopping cart, that is the cart that is permanently saved (even though I have multiple accounts). | I don’t even know a solution. Good luck summoner. |  |
| 43 | As a customer, I have no way of moving to another account. I am permanently stuck on one account. | Give me an option to select which account to use. The accounts should be listed and I should know which accounts are active and not active. |  |
| 44 | The admin sales have an incorrect format at the end. I see the name of 1 item appear multiple times. This doesn’t make sense. | Make it all in one row. |  |
| 45 | I am able to get an invalid quantity(quantity in cart is greater than quantity in store) of an item, by exploiting the save/restore shopping cart. | Good luck figuring this out. |  |
| 46 | If I am shopping as a customer and accidently press restore shopping cart, my current progress gets erased. | Disable the restore shopping cart button if items exist in the cart. |  |
| 47 | The admin’s sales log is in the wrong format when multiple items are bought by the customer. | Fix the format. |  |
| 48 | When I an item to the inventory and set a price without decimals (ie: $6), it should automatically have the 2 decimal places (ie: $6.00) | Add the .00 if no decimal is found in the price. |  |
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