

Seeded Defect Log

¼ Cup Team 16

Defect No.	Defect	Output Before Seeding	Output After Seeding	Suggested Correction	Severity
1	Adding a new category after one has been deleted shows the delete UI in place of the new category name.	Properly displays the category name	Displays a delete icon on a red background.	Reset adapter when an item is added.	3
2	When pressing the back button from the recipe details fragment, the app exits rather than returning to the recipe fragment.	App returns to recipe search results fragment	App exits	Add fragment transaction to back stack	3
3	When changing between sort orders that share category names, the order of the list is not immediately updated.	Changing category sort order immediately resorts list	Changing category sort order does not necessarily resort list. List is resorted after further action is taken. (adding an item, changing category etc.)	Call notifyDataSetChanged() or copy to a new ArrayList to force recyclerview adapter to update.	3
4	The sort order menu option appears even while searching recipes.	Menu option is hidden.	Menu option is shown, tapping on it updates the sort order for the last selected list.	Hide menu option when switching to recipe fragment, and show it again when a	3

	Tapping on it changes the app bar title.			list is selected.	
5	Items with unknown categories are sorted to the beginning instead of the end of the list.	Items with unknown category are sorted at the end of the list	Items with unknown category are sorted at the beginning of the list	Modify comparator to sort unknown categories to end of list.	3
6	Sort Order menu option appears when there are no lists.	Category sort option is hidden when all lists have been deleted	Category sort option is displayed when all lists have been deleted.	Modify listener to hide option when the list of lists is empty.	3
7	After deleting all lists, the title of the last list is still displayed.	"My Lists" is displayed as the title when all lists have been deleted.	The title of the last list is displayed when all lists have been deleted.	Modify listener to check if there are no lists and update app bar title accordingly.	3
8	Trying to add 0 ingredients to a shopping list from the RecipeInfo fragment (uncheck all ingredients) will not display an error message and add nothing to the list.	User would see a toast error message that says "You must select at least one ingredient." The user would then have to select at least one item to add to a shopping list before proceeding.	The submit button will bring the shopping list fragment to the foreground. Usually, the user would see the items that were added to the list. However, nothing will be added in this case.	Modify listener to check if the ingredients list is empty before try to add them to a shopping list. If the list is empty, print the error message and wait.	3
9	Once a user reaches the Edamam API call limit, the search will hang and not display and error	User would see a toast stating that and API error has occurred.	Search result will hang with no indication for the reason why it is not completing.	Add a check to the recipe repository to see if the search data has been successfully delivered with	2

	message.			no errors.	
10	The third ingredient of the RecipeInfo fragment will never be added to the list even if it is checked.	All ingredients that have a check mark will be added to the specified shopping list.	The third ingredient from the top of the list will never be added even if it is checked.	Ensure that all ingredient check boxes are being accounted for in the loop that adds them to a shopping list.	1
11	After deleting the currently selected shopping list, the user may still interact (add new items, swipe items green, etc.) with the deleted list.	The main activity should select a different list to show if one is present. Otherwise, the title is changed to 'My Lists' and the add item Text Field is hidden.	A new list is not selected by the main activity and the user is free to manipulate the deleted list. However, these changes will not persist upon selecting another list or closing the app.	In the onSwiped listener, check if the deleted list is the currently selected list and select another list if necessary.	2
12	The latest created shopping list will not be added to the RecipeInfo spinner.	All user shopping list will be added to spinner options.	All but the most recently added user shopping list will be added to the spinner options.	Ensure that all objects are being added to a list when a get method is called (ensure loop bounds are correct).	2
13	Creating a new list will automatically add an item called 'test'	A newly created list should have no items	A newly created list is prepopulated with a "Test" item.	Ensure that no test items are added when lists are created.	3
14	If a list name is 2 or less characters long, a toast will be displayed stating your	The list name will not display a toast message, and will add the input string as the name	The list name should not be added and a toast message will appear saying that the name must be	In the data validation class under the list name method change the if statement to say < 1 rather	3

	name must be at least one or more characters.		at least 1 character.	than <= 2.	
15	If a list item's name is 20 or more characters long, a toast will be displayed stating your name must be less than 100 characters.	The list name will not display a toast message and the input string will be set as the list name.	The list name should not be added and a toast message will appear that says the title must be less than 100 characters.	In the data validation class under the list name method the else if that checks for the upper bound length should be changed from 20 to 100.	2
16	Blank sort order names are accepted as valid (this is a bug we did not discover).	The data validator will not allow a blank name to be added, and a toast message will pop-up.	The data validator is not called and thus the blank order names are able to be added.	The correct code is commented out in the CategorySort-ListFragment file and calls the data validator.	2
17	Trying to search for a blank recipe will return no search results.	App validator should make sure there is at least one character in the search result and inform the user to fix the issue via a toast.	The app does not display any recipes.	Make a check before the query is made that catches the blank argument and instead of making the call to the recipe repository with a blank query, display a toast.	3
18	Trying to add a new item name that only contains spaces works, when it should not.	When the user inputs a string that only contains spaces the validator doesn't accept it and displays a toast message to prompt better	When the user inputs a string with only spaces for the item it passes the check in the validator and no message is displayed.	Add the check back in the validator, in the item method to see if the item name is only spaces. Add back in this line: s.name.trim().le	3

		input.		ngth() == 0.	
19	The last checked ingredient of the RecipeInfo fragment will never be added to the a shopping list.	All ingredients that have a check mark will be added to the specified shopping list.	Every ingredient but the last ingredient with a check mark will be added to the list.	Ensure that loop that adds ingredients/ items to shopping list is looping through the whole array (off by one error).	1
20	App crashes when user taps the logout button. (The user is still logged out)	The user is logged out and the app returns to the login activity	The user is logged out and the app crashes. It opens the login activity upon relaunch.	Modify LiveData mapping to check for null input	1
21	App crashes when attempting to add ingredients when no list has been selected	A toast appears which reads "Select a valid list."	The app crashes	Modify the onClick handler for the add button to check if the selected list is null.	2
22	Add Item UI is displayed when no list is selected (when there are no lists)	Add Item UI is hidden after the last list id deleted	UI remains visible after last list is deleted	Modify listener to check if array of lists is zero, and hide UI if so.	3
23	App crashes when adding an item while no list is selected (while there are no lists)	UI is hidden, so action is impossible. If UI is visible, a toast message is displayed prompting the user to select a list	The app crashes.	Add check in editor action listener to check if the selected list is null and if so, display the toast and return.	2
24	The number of recipes that	The recipe search only	The search recipes displays	Change the query to only	3

	are suppose to be displayed is 20, but the recipe search shows 25.	displays 20 recipes.	25 recipes instead of 20.	pull the first 20 search results.	
25	The search recipes display 25 recipes, but the first 2 recipes are unable to be clicked.	The search recipe allows the user to click on any viewable recipes.	The search recipes doesn't allow the user to click on the first 2 recipes.	Get rid of if statement that was added to create this bug.	2