

Test Report

Test Report Title:	Search Recipes by keywords, Sort Recipes & Dietary Filters	Date	11/03/2020
User story:	C6, C7 & C18 C1 was also updated to load sorted recipes with infinite scroll		
Test Results:			
<p>Individual automatic Espresso tests all passed individually.</p> <p>Four espresso tests were constructed to:</p> <ul style="list-style-type: none">• Check that check boxes within search preferences are added to the search query• Ensure user preferences are added to the queries within the home page• Ensure all search possibilities are accounted for within the Firestore composite queries with the correct sorting and searching parameters.• Ensure relevant results are returned from searches <p>In doing this we tested:</p> <ul style="list-style-type: none">• Changing sort parameters and checking results that are returned reflect these changes• Changing user preferences within settings and ensuring we get relevant items returned.• Check that queries return correct results when adding a range of different queries• Check that the results returned match that of the search <p>Tests consisted of using espresso to open and log into the application, different search setting were set and it was checked that the correct results were returned. In doing this all aspects of the sorting, filtering and other search parameters were testing along with actually searching for results and checking those results.</p> <div>✓ Tests passed: 4 of 4 tests – 47s 155ms</div> <p><u>Manual testing:</u></p> <p>Manual tests were constructed to:</p> <ul style="list-style-type: none">• Ensure all search possibilities are accounted for within the Firestore composite queries with the keyword searching parameters and sorting.• Ensure options are saved• Check that all recipes are available on the main home screen• verify that the scrolling is smooth and controlled• Check that recipes can be viewed clearly on screen <p>In doing this we tested:</p> <ul style="list-style-type: none">• All recipes can be seen clearly on a mobile device and that no content is loss due to being unable to see it• Scroll isn't jumpy but works well clearly and the speed can be controlled by the swiping• User can see all recipes returned in the correct order from the Firebase• Changing personal dietary settings within the settings page and ensuring these are populated in search preferences by default. <p>Changing personal setting and ensuring these settings are reflected within the home page queries. Testing the scroll ability of the home page and that the results from the Firestore are ordered as they should be.</p>			

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Comments:	
<p>Home page has been moved to Home.java and the MainActivity.java has been made into a root page so users are never accidentally shown the home page during loading. The root page has had the logo added that spins to let the user know the application is loading.</p> <p>Logout, and profile settings buttons removed from home page to prevent conflicts with merge. This have been moved to the side bar by Nathan. The code for these buttons is merely commented out and should be removed when merging.</p> <p>NOTE: These espresso tests concern the current state of the Firestore, with items added or removed, these tests may no longer operate as expected and need to be changed.</p>	
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