

## Test Report

Test Report Title:	Comments to individual slides in the Presentation	Date	18/03/2020
User story:	B6		
Test Results:			
<p>Individual automatic Espresso test passed covering all parts of comments</p> <p>Espresso test ensured that:</p> <ul style="list-style-type: none"><li>• The comments section is available in any presentation slide</li><li>• It can be opened</li><li>• All comments can be viewed</li><li>• Comments can be added</li><li>• Comments can be deleted</li><li>• The comments section can be closed</li></ul> <p>In doing this we tested:</p> <ul style="list-style-type: none"><li>• That there is a way for users to add to the comments and tips about a certain step in the recipe if the user wants to</li><li>• That there is a way to bring up the comments and tips if the user wants to see what other users have written</li></ul> <p>Tests consisted of using espresso to open and log into the application, search for a recipe, open the presentation of that recipe, open the comments section, post a comment, delete that comment and close the comments section.</p> <div>✔ Tests passed: 1 of 1 test – 18s 538ms</div> <p><u>Manual testing:</u></p> <p>Manual tests were constructed to:</p> <ul style="list-style-type: none"><li>• Ensure that the presentation comments section is operational from all aspects of accessing recipes, in doing so we tested both home page and searched recipes.</li><li>• Check that users cannot delete another person’s comment but can get links to report it or view the author’s profile.</li><li>• Users can delete their own comments.</li></ul> <p>In doing this we tested:</p> <ul style="list-style-type: none"><li>• That the comments have the correct functionality and open were needed.</li><li>• Users are able to actually delete their comments and have the new comments appear.</li><li>• That when more than 5 comments are posted, they are loaded in increments of 5 to minimise server reads.</li></ul>			

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Comments:	
<p>I have opted out of adding the number of comments user each slide as this would either involve a fresh server read at each step and load to excess server reads, it would also require a new variable within the main document that would need to be updated with each extra comment and could lead to crashes where multiple users and adding and removing comments. Alternatively, it would need a full server read for the number of documents in the collection which could lead to unnecessary exponential server reads.</p> <p>For this reason, users are required to open the comments section to see the comments available.</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>	
Tester(s)	Louis Newman