

Recipes For Life

Appendix 1.1

Final Requirements Document

Functional Requirements

R1. Recipe Management

R1.1 Add A Recipe

Description: The user shall be able to add a recipe to the app.

Rationale: Adding a recipe is key to creating a cookbook.

Risk: High

Priority: High

R1.2 Edit recipe

Description: The user shall be able to edit a recipe in the app.

Rationale: Editing a recipe is necessary as users may form alterations of their own or others recipes and therefore want to edit the recipe.

Risk: High

Priority: High

R1.3 Delete recipe

Description: The user shall be able to delete a recipe in the app.

Rationale: Deleting a recipe is necessary as the user may no longer want it to be stored.

Risk: High

Priority: High

R2. Account Creation

Description: The user shall be able to create an account.

Rationale: This is necessary as it allows the user access to the application.

Risk: High

Priority: High

R3. Cookbook Management

R3.1 Add A Cookbook

Description: The user shall be able to create a cookbook

Rationale: This is necessary as creating a cookbook is what the application is based on.

Risk: High

Priority: High

R3.2 Edit A Cookbook

Description: The user shall be able to edit a cookbook

Rationale. This is necessary as the user may want to change a mistake or alter the cookbooks name or description etc.

Risk: High

Priority: High

R3.3 Delete A Cookbook

Description: The user shall be able to delete a cookbook

Rationale: This is necessary as the user may no longer want people contributing to a cookbook or it may no longer be in use and therefore the user might not want it taking up space on their shelf.

Risk: High

Priority: High

R4. Collaboration

R4.1 Add Contributors To Cookbook

Description: The user who owns a cookbook shall be able to add users to a cookbook

Rationale: This is necessary as it is essential to creating collaboration

Risk: High

Priority: High

R4.2 Delete Contributors From Cookbook

Description: The user who owns a cookbook shall be able to delete users from a cookbook

Rationale: This is necessary as contributors may not be respecting a cookbook the way the creator desired and therefore the creator may want to delete a contributor

Risk: High

Priority: High

R4.3 Contributors Can View Cookbooks They Are Part Of

Description: The user shall be able to view cookbooks they are a part of

Rationale: An essential part of the collaboration

Risk: High

Priority: High

R4.4 Contributors Can Add Recipes To Cookbooks They Are Part Of

Description: The user shall be able to add recipes to cookbooks they are a part of

Rationale: An essential part of the collaboration

Risk: High

Priority: High

R4.5 Contributors Can Delete Recipes From Cookbooks They Are Part Of

Description: The user shall be able to delete recipes from cookbooks they are a part of

Rationale: An essential part of the collaboration

Risk: High

Priority: High

R4.6 Contributors Can Edit Recipes From Cookbooks They Are Part Of

Description: The user shall be able to edit recipes from cookbooks they are a part of

Rationale: An essential part of the collaboration

Risk: High

Priority: High

R5 Cookbook Privacy

Description: The user shall be able to set the cookbook to private or public

Rationale: This is essential as it gives users the choice of what is displayed to the public

Risk: High

Priority: High

R6 Recipe View

Description: The user shall be able to view a recipe in full screen

Rationale: This is essential as it makes recipes in the kitchen easier to read.

Risk: High

Priority: High

R7 Browse

Description: The user shall be able to browse recipes and cookbooks if public

Rationale: This enables recipe discovery a core part of the success of recipe apps.

Risk: Medium

Priority: Medium

R8 Communication

Description: The user shall be able to review and ask questions about the recipe.

Rationale: This helps others know if the recipe is good and find any tips.

Risk: Medium

Priority: Medium

R9 Conversion

Description: The user should be able to convert measurements.

Rationale: Enables ease when cooking.

Risk: Low

Priority: Medium

R10 Screen Sleep

Description: The user should be able to stop the screen sleeping when using a recipe.

Rationale: Enables ease when cooking

Risk: Medium

Priority: Medium

R11 Collaborative Shopping List

Description: The user should be able to add ingredients to a collaborative shopping list

Rationale: Makes ingredient shopping easier between families and clubs

Risk: Low

Priority: Medium

R12 Printing

Description: The user should be able to print recipes out.

Rationale: For those who prefer to use paper in the kitchen

Risk: Low

Priority: Low

R13 Importing

Description: The user may be able to import recipes by url

Rationale: Makes recipe creation easier.

Risk: Low

Priority: Low

R14 Scaling

Description: The user may be able to scale ingredients up or down

Rationale: Enables ease when cooking

Risk: Low

Priority: Low

R15 Font enlarging

Description: The user may be able to enlarge recipe font

Rationale: Enables ease when cooking

Risk: Low

Priority: Low

R16 Recipe photo import

Description: The user may be able to import an image of a handwritten recipe

Rationale: Enables easier recipe creation

Risk: Low

Priority: Low

R17 Recipe share

Description: The user may be able to share the recipes via social media

Rationale: Enables friends to see their recipes

Risk: Low

Priority: Low

R17 Popular Cookbooks

Description: The user may be able to see fav/popular/featured cookbooks.

Rationale: Enables recipe discovery.

Risk: Low

Priority: Low

R18 Kitchen Timer

Description: The user may be able to set a kitchen timer in app.

Rationale: Enables ease when cooking

Risk: Low

Priority: Low

R19 Profile

Description: The user may be able to create a profile

Rationale: Help others learn more about them

Risk: Low

Priority: Low

R20 View Profiles

Description: The user may be able to view a user's profile and follow them

Rationale: Helps create friendships

Risk: Low

Priority: Low

Non Functional Requirements

R1 Operating System

Description: The application shall be built for Android devices.

Rationale: Based on analysis of best operating systems for the app.

R2 Database

Description: The application shall use a SQL database on the server and SQLite on device.

Rationale: Enables the app to work offline which is essential with recipes.

R3 App Updates When Wifi Available

Description: The application should update when there is wifi

Rationale: Enables the app to be frequently up to date

R4 SUS

Description: The application should achieve a high SUS score

Rationale: Shows the app meets usability criteria.

R5 Unit Tests

Description: The application should pass all unit tests.

Rationale: Shows the app responds as it should.

R6 Testing

Description: The application should pass all tests set out in testing strategy

Rationale: Shows the app responds as it should.