

## Appendix A: Storyboard

### *CodingCrew- Recipe Management App*

CSC 317 Foundations of Software Development

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#### **Storyboard**

A user has been recommended a meal to try by her friend. The friend gave her a recipe on how to create the meal. She now needs to add the recipe to her “Recipe Management App.”

##### **Step 1:** User logs in → app loads Dashboard

The user opens the Recipe Management App and logs in with her username and password. The user is now taken to their personalized dashboard, which displays the panels: Active Shopping List, Recipe of the Day, Weekly Meal Overview, Nutritional Insights, and other features that allow users to manage all recipe-related activities, such as the “Add Recipe” feature.

##### **Step 2:** User clicks “Add Recipe” on Dashboard

The user selects the “Add Recipe” feature from the dashboard to input a new recipe. This will prompt the app to take the user to the Recipe Creator page.

##### **Step 3:** App opens Recipe Creator page

The app transitions from the dashboard to the Recipe Creator page. The Recipe Creator page shows a list of categories labeled ingredients, instructions, and recipe name, with fields for the users to input their recipe details and create a recipe. The user also has the option to upload pictures of the completed meal she wants to make.

##### **Step 4:** User enters ingredients, instructions, and saves recipe

On the Recipe Creator page, the user fills out the required fields under each category. The user inputs the recipe name, the ingredients list, step-by-step cooking instructions, and saves the recipe. The app will not save the recipe unless all the required fields have been filled out.

##### **Step 5:** App updates Pantry + Shopping list → confirmation message

The app processes the information, saves the recipe to the user’s account, and updates

both the Pantry and Shopping List. A confirmation pop-up message appears, stating: "Recipe saved." Finally, the user is returned to the Dashboard, where the new recipe now appears under the user's other saved recipes.

## Storyboard Diagram

