

Screen Sketches

Team: SB_02

Members: Jack Creighton, Nicholas Stout, Stamati Morellas, Chris Rice

Project Name: CookBuddy

Non-Functional Requirements:

Ease of Use: intuitive design, easily learned and used user interface

Scalability: Our project requires us to be able to handle many users, all inputting and sharing their own recipes.

Reliability: Our features need to be reliable so that users can trust the application. Searching recipes with an allergy in mind should not return something that a person is allergic too.

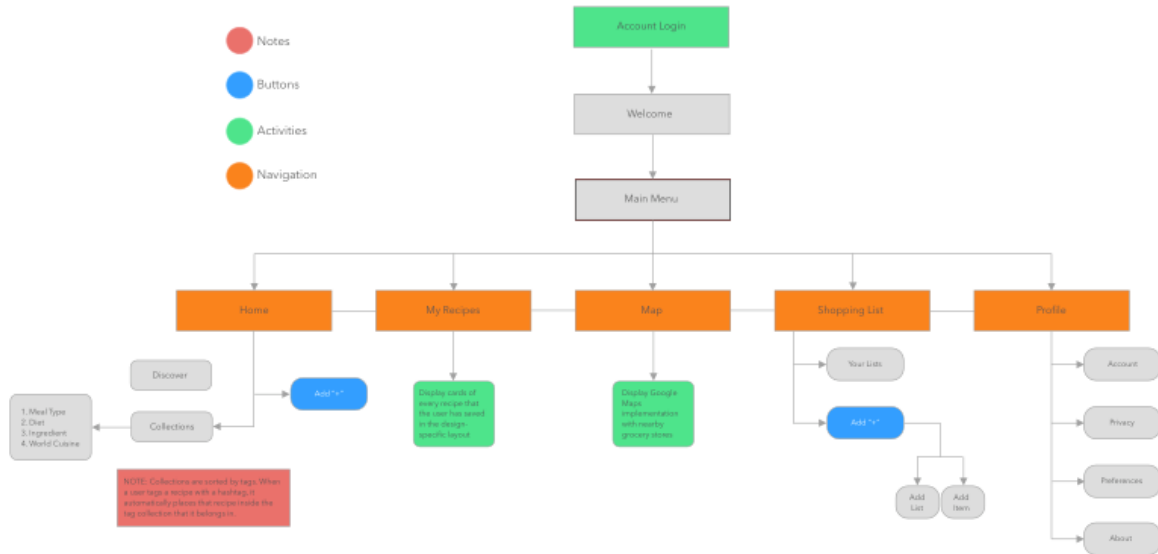
Tables and Fields:

We will be needing to store user uploaded recipes in our database. Among these recipes, there are many data fields that we are going to need to keep track of, including things like calories and nutritional breakdowns, ingredients, user rating, recipe instructions, and possibly a picture.

Outside of this main recipe table, a second table will be needed for users, their passwords, their administrator status, and their personal recipes and suggestions. This table will be needed at login, as well as throughout the user's usage of the application.

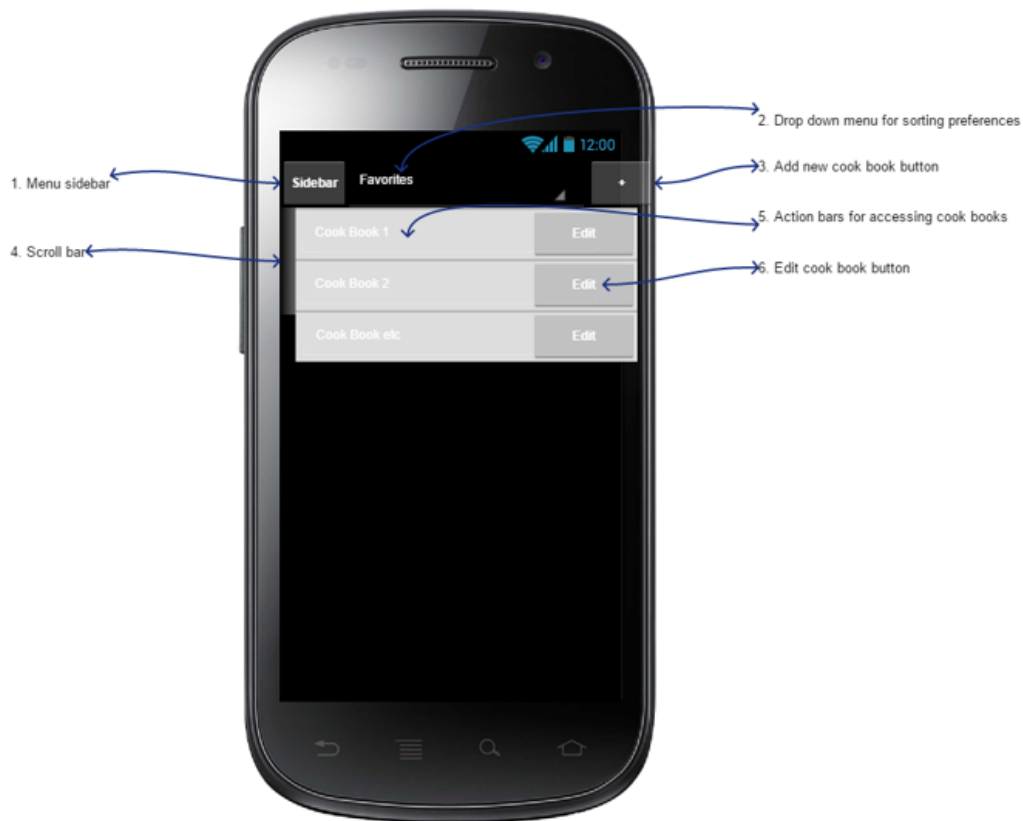
Screen Flow:

UI/UX Screen Flow Chart



Screen Sketches:

View/Edit cook books screen by Jack Creighton



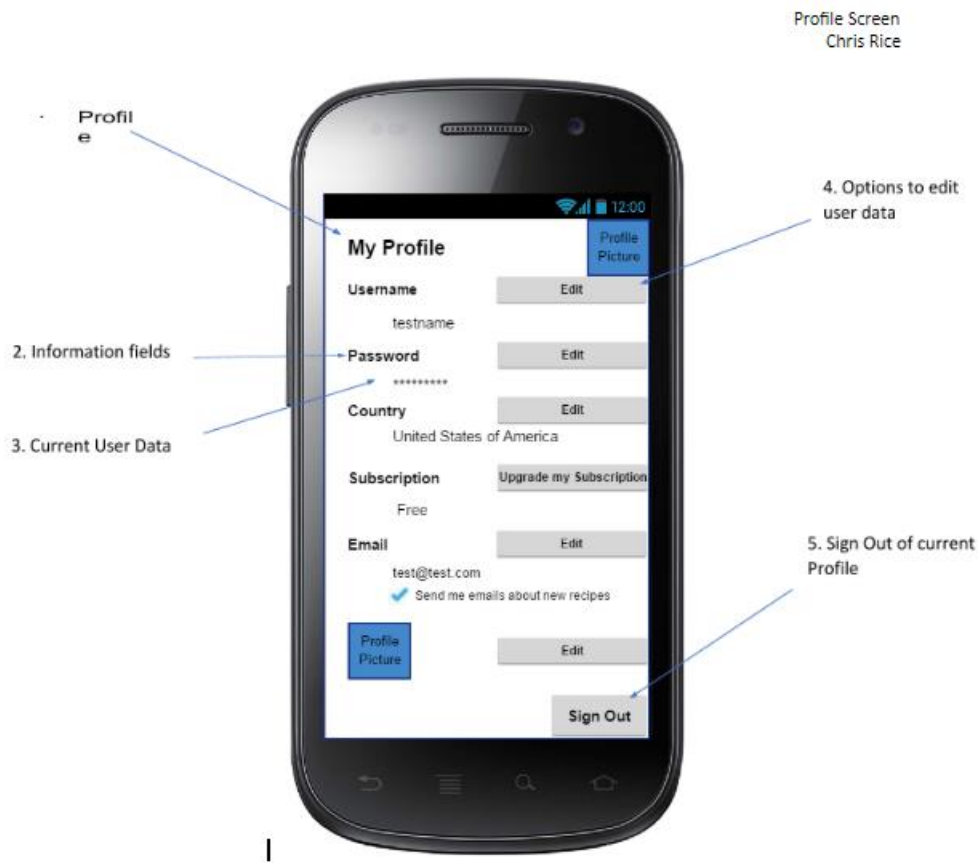
This screen allows users to view and edit the cook books that they have created or saved, users can also sort the cook books by various preferences and create a new cook book in this screen.

Other features of the app can be accessed by pressing the sidebar menu button (1) which would include things like the home page, user account info, etc. The cook books can be organized by preferences such as favorites or most recently added by selecting an option from the drop-down menu (2). Cook books and their recipes can be accessed by tapping on them (5), and cook books further down the screen can be brought up by using the scroll bar (4). This screen also allows users to edit their cook books (6), or to create a new one from scratch (3).

Create recipe screen by Jack Creighton



This screen allows users to create their own recipe to be added into a cook book of their choosing. The screen is pretty simple, it has textboxes (1) for entering info about the recipe such as its name, ingredients, steps, and any additional info the users wants to add like calorie count or tags for more options to organize their recipes by. Once the recipe info is all entered the user can hit the "Add Recipe" button (2) to add it to a cook book. A screen for editing recipes would look very similar to this one.



Screen by Chris Rice

The Profile Screen (1) allows users to view (3) and edit (4) the information associated with their account. This includes fields like the username displayed to other users, the password to sign into their account, the country they live in, their subscription type, their email account associated with the app, and the profile picture that is displayed (2).

Each of these fields can be edited from this screen, and there are also options that allow the user to sign out of their account (5) or agree to receive email notifications. The goal is to have an easy, user friendly way to adjust and edit their data, which will allow for a better user experience.



Screen by Chris Rice

The Search function allows users to find and add previously created recipes to their own cookbooks. The user will simply input a keyword into the search bar (1), and any recipes containing that keyword will be displayed. The user can then scroll through the recipes, viewing images of the dish as well as a brief description of the dish (3). If they see a recipe that they like, the user can then either view the full recipe page or add it directly to their cookbook to view later (4, 5).

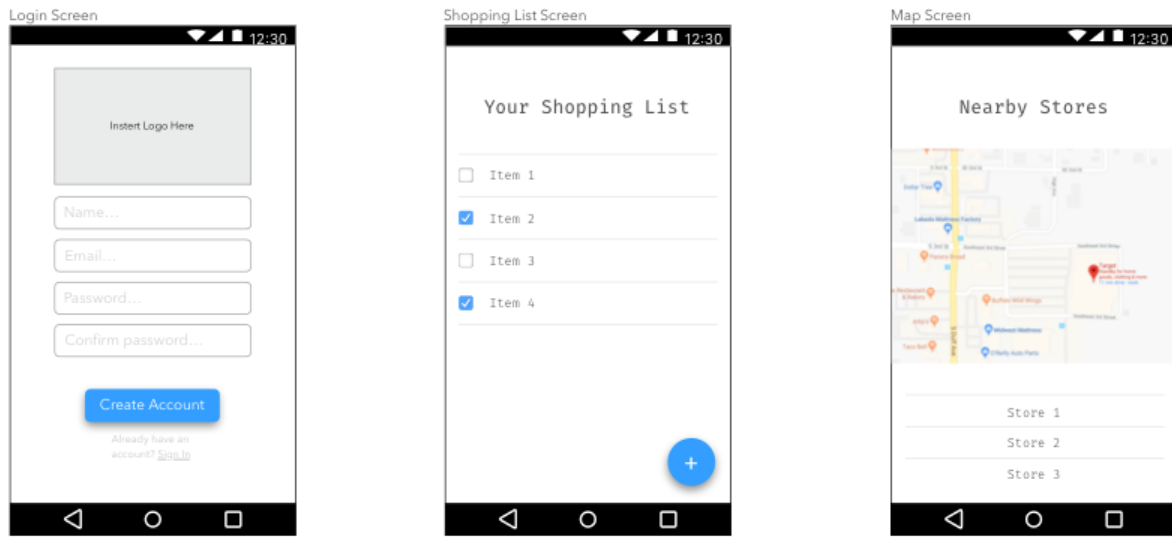
The Search function also gives the user the opportunity to filter their search to either recipes or full cookbooks. This can allow the user to get other user's fully made cookbooks and add them to their collection, or search for single recipes to add to their own cookbook (2).



This is the favorites screen. This will allow the user to view and modify their list of favorited recipes and cookbooks. The user account profile picture (1) will be displayed in the top right corner, this will link to the users account. The favorites display can be filtered using tabs (2) to switch between recipes, cookbooks or both. A list of the recipes and cookbooks (3) will be displayed with most of the screen area. A checkmark (5) will mark that these are favorited, and unchecking the box will unfavorite them.



This is the main screen. This will be the screen that a person signed in will see when they first start the app. The user account profile picture (1) will be displayed in the top right corner, this will link to the user's account. There is a search bar (2) across the top that allows the user to search from the main screen for recipes. A drop down menu (3) allows the user to select between recommended recipes, their own recipes, and their favorite recipes. A list of these recipes (4) will be displayed with most of the screen area. A scroll bar (5) will allow for more navigation options as well as a visual reminder of how far the user has scrolled.



This is the account login screen. Here, the user will enter their information which will be stored on the user database.

This is the simple shopping list. Here, the user can manually add ingredients that he/she needs to pick up from the grocery store, and they can check them off when completed. They will also be able to automatically add all of the necessary ingredients that they need for a specific recipe, from the screen of the recipe itself.

The 'Map' section of the menu will include a view of a user's local area based on their current location, and it will use google maps api to display nearby grocery stores.

Screens by Stamati Morellas