1. Group Number: 13
2. Group Members:

| Name - EID	% Contribution to UI Design	% Contribution to Paper
Ahsan Hussain - aah2935	33	33
Neha Sule - nps478	33	33
Reshma Ahuja - ra27963	33	33

3. Application Name: Easy Reci-Peasy
4. Application Description: This will be an app that takes in available ingredients in users pantry/fridge, and recommends recipes based on the inputs as well as other dietary restrictions. After registering and logging in, users will be able to look up recipes that meet their ingredient limitations as well as other dietary restriction. They will be able to save their favorite recipes and leave reviews for all the ones they have tested. Through friending other users, a newsfeed will develop that will display all the recipes that peers are trying themselves. Users will also have the ability to contribute to the recipe database by submitting entries themselves.

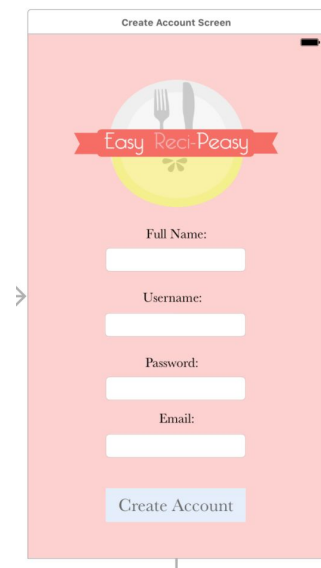**5 and 6. Mockups and Operational Descriptions:**

Login Screen:
The user will input their username and password to log into the app. If they do not have an account on the app, they will press the "create account" button which will take them to the proper screen.
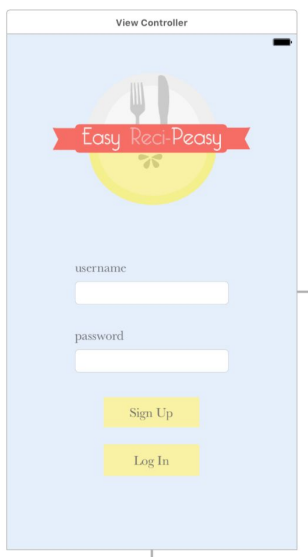

Create Account Screen:

The user inputs their full name and email address along with their desired username and password. Then they hit the button at the bottom to create their account and then can use the app.


Social Media Feed:

The page would consist of many cells that follow the style of the 1 custom cell in the mockup. The content would be either a review, a comment, or anything a friend of the user says about a specific ingredient or recipe. The optional image could be of the recipe or ingredient. The plus button in the top allows the user to add a post.
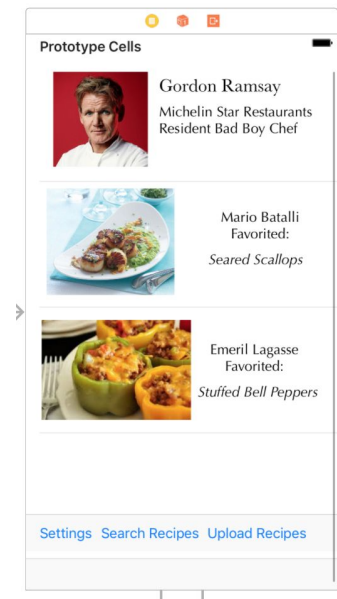
Profile Screen:

This page will allow the user to view his/her Saved Recipes as well as his/her Uploaded Recipes. Within each category, there will be image cells that display the primary picture for the recipe shown as well as text view cells that give the title of the recipe. The profile screen will also include a few stats about the user, such as number of connections that the user has made on the app.
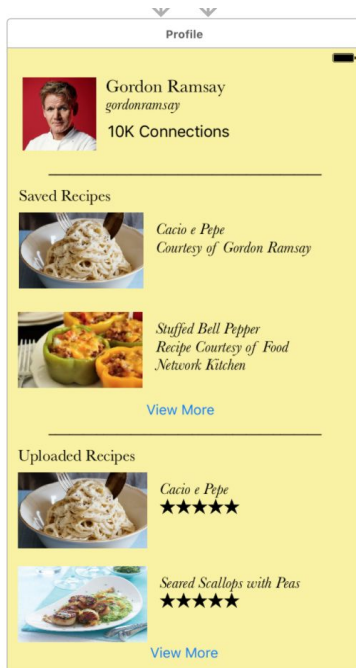
Recipe Upload Screen:
This screen is for when the user wants to add a recipe and share it to their friends or store it in the database. The two text fields allow the user to select the ingredients and give detailed instructions on how the make the recipe. The user can also add an image of the recipe. Finally, the user presses the button at the bottom of the page to upload the recipe.
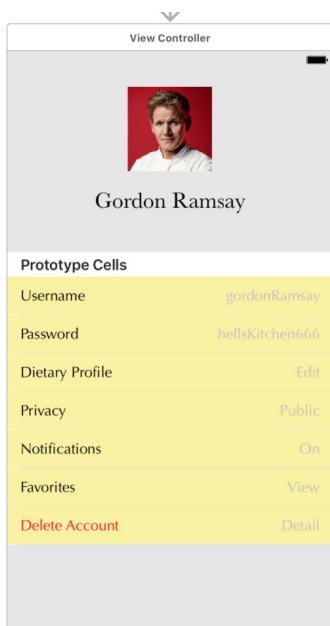
Settings Screen:

The settings screen allows the user to make key changes to their profile and privacy settings. On this page, username and password can be adjusted as well as toggling public vs. private profile settings. Any saved and favorited recipes can also be managed through this page. You will also be able to access your personalized dietary profile and make any needed adjustments that will affect the recipes generated to fit your needs.

Choose Ingredients Screen:

This is the preliminary step in finding recipes to cook; on this screen you can search and choose ingredients that you have on hand from the large database (In the mockup the selection options are shown as the default iPhone bay area cities however the real app will show various ingredients). Once you have selected all the ingredients you have on hand, you may continue to a recipe generator.
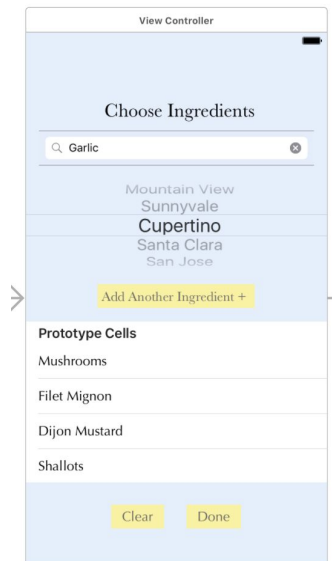
Dietary Restrictions Screen:
This page will display restrictions that the user can make based on his/her diet. Options such as vegetarian, vegan, glucose-free, etc. as well as cuisine selections will allow the recipe generator to yield recipes that are appropriate for the user .
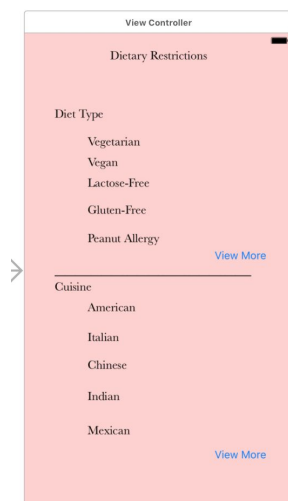
Recipe Generator Screen:

This screen displays all recipes that meet your ingredient and dietary profile criteria. Recipes will will show in a table view format in order of their relevance and selecting any singular recipe will take you to that selection's recipe information.
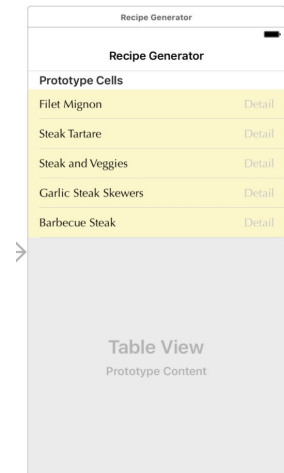
Recipe Screen:

Each recipe will have its own recipe screen which will display prep and cook time, serving size, all the ingredients necessary, and the preparation methods for the recipe itself. This page will also give you the option to favorite/save the recipe to create at a later date, and to review the recipe so your friends/followers can view your thoughts and the recipe can receive an ongoing rating for fellow users to observe.

Application Flow:

View Controller

Create Account Screen

Easy-Reci-Peasy

username:

password:

Sign Up

Log In

Full Name:

Username:

Password:

Email:

Create Account

Profile

Gordon Ramsay
gordonramsay
10K Connections

Saved Recipes

Cacio e Pepe
Courtesy of Gordon Ramsay

Stuffed Bell Pepper
Recipe Courtesy of Food
Network Kitchen

View More

Uploaded Recipes

Cacio e Pepe
★★★★★

Seared Scallops with Peas
★★★★★

View More

Social Media Feed

Prototype Cells

Gordon Ramsay
Michelin Star Restaurants
Resident Bad Boy Chef

Mario Batalli
Favorited:
Seared Scallops

Emeril Lagasse
Favorited:
Stuffed Bell Peppers

Settings   Search Recipes   Upload Recipes

View Controller

Choose Ingredients

Garlic

Mountain View
Sunnyvale
Cupertino
Santa Clara
San Jose

Add Another Ingredient +

Prototype Cells

Mushrooms

Filet Mignon

Dijon Mustard

Shallots

Clear   Done

Recipe Generator

Recipe Generator

Prototype Cells

Filet Mignon   Detail

Steak Tartare   Detail

Steak and Veggies   Detail

Garlic Steak Skewers Detail

Barbecue Steak   Detail

Table View

Prototype Content

View Controller

★★★★
Filet Mignon

Prep Time   20 Minutes
Cook Time   30 Minutes

Ingredients

Recipe

See More...

Favorites

Recipe Upload

Ingredients:

<insert Ingredients here>

Instructions:

<insert Instructions here>

Image:

Upload

View Controller

Gordon Ramsay

Prototype Cells

Username   gordonsfamous

Password   hehhhthhhhhhhh

Dietary Profile   Edit

Privacy   Public

Notifications   On

Favorites   View

Delete Account   Detail

Dietary Restriction

Diet Type

Vegetarian
Vegan
Lactose-Free
Gluten-Free
Peanut Allergy
View More

Cuisine

American
Italian
Chinese
Indian
Mexican
View More