

How to Use this Template

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Submission Instructions

1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
 2. Create a new GitHub repo for the capstone. Name it “**Capstone Project**”
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GitHub Username: feludens

Food Framer

Description

Meal prep suffering is over! With Food Framer you can plan your meal, organize your recipes, and create shopping lists in a personalized and organized way. We will even remind you when it's lunch time based on your meal plans! You can create any type of plan that will fit your needs, such as Bulking, Summer Ready Body, Gluten Free, My Kids Meals or even a On A Budget plan.

Intended User

This App targets everyone who wants to improve and plan their dietary habits, bodybuilders, college students, parents, people with special dietary needs. Really. Everyone.

Features

- Create your own weekly and daily plans;
- Each plan can contain meal information, grocery shopping list, and recipes;
- Push Notifications will remind users of their meal times;
- Use our images, or upload your own to further customize your experience.

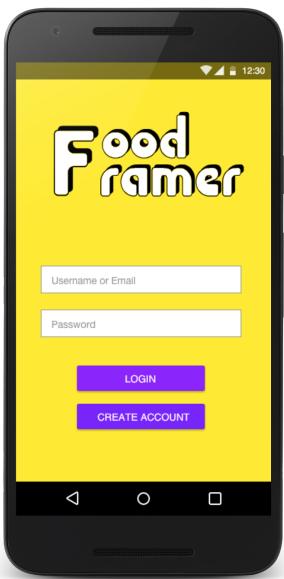
User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

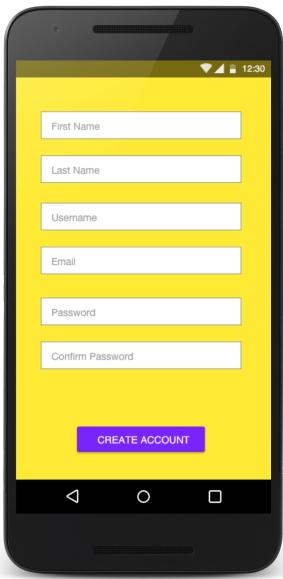
Splash Screen



Login Screen



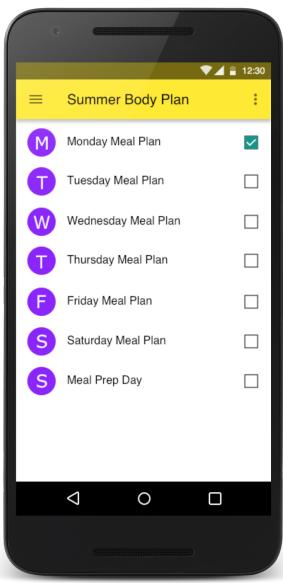
Registration Screen



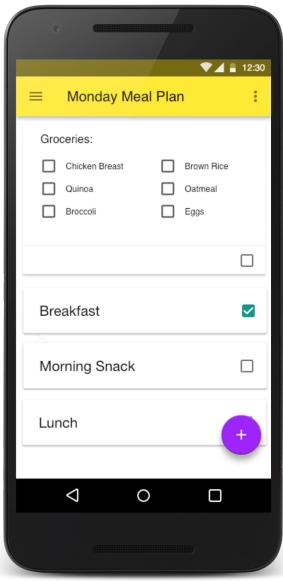
Home Screen



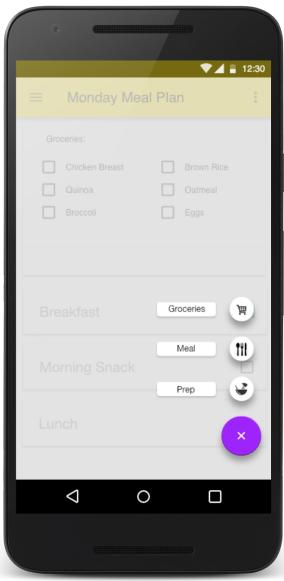
Weekly Plan Details Screen



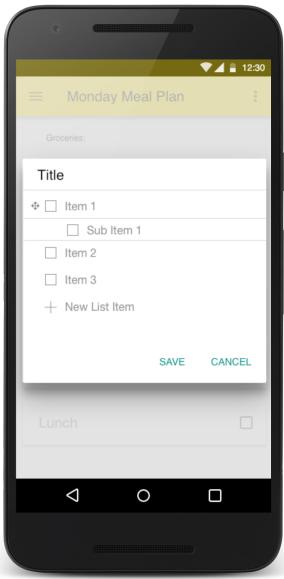
Daily Plan Details Screen



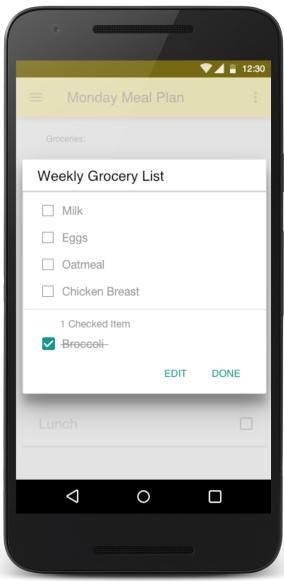
Daily Plan Details Screen - New



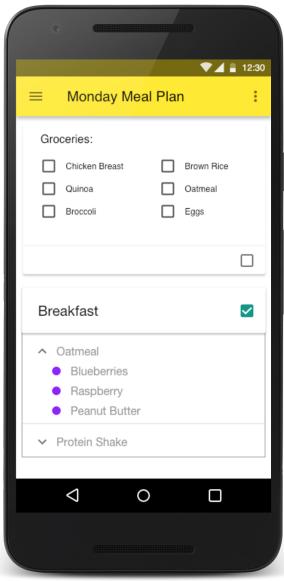
Daily Plan Details Screen - New Grocery Shopping List



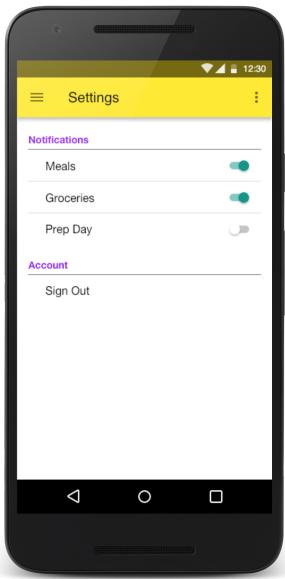
Daily Plan Details Screen - Grocery List Details



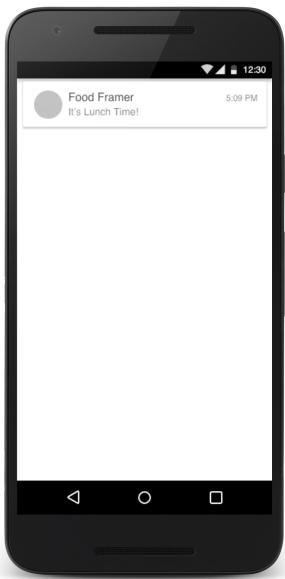
Daily Plan Details Screen - Meal Details



Settings Screen



Notification



Food Framer Video Sample

You can find a sample video of the application's flow on the following link:

[Felipe's Google Drive - Food Framer Sample Video](#)

Key Considerations

How will your app handle data persistence?

I will either use Google Cloud Messaging (GCM) or create my own backend service to save/fetch data from a server.

Describe any corner cases in the UX.

When an user clicks on a notification, the application should open on the meal described on the notification.

Describe any libraries you'll be using and share your reasoning for including them.

As of right now, I think I might only use Gson.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

- Configure Data Persistence solution for:
 - Login
 - User Data (Meal plans, etc)
- Create Models for the User Data
- Set up Theme and Styles

Task 2: Implement UI for Each Activity and Fragment

- Build UI for SplashScreenActivity
 - Create Logo
 - Create Launcher Icon
- Build UI for LoginActivity
- Build UI for SettingsActivity
- Build UI for RegistrationActivity
- Build UI for UserPlansListActivity
 - Create custom Card List View
- Build UI for PlanDetailsActivity
- Build UI for WeekListFragment
 - Create custom List View
- Build UI for DayDetailsFragment
 - Create custom Meal View
 - Create custom PrepDay View
 - Create custom GroceryList View
 - Create custom List to hold three different types of views.
- Build UI for NewGroceryListDialogFragment
- Build UI for NewMealDialogFragment
- Build UI for NewPrepDayDialogFragment

Task 3: Data Handling

- Handle new account creation
- Handle login and authentication
- Handle saving user's plans (meals, prep days, grocery lists)
- Handle loading user data into corresponding views

Task 4: Error Handling

- Create Test Cases

Add as many tasks as you need to complete your app.

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