# Project Testament

Final Project and Presentation

## About this Document

Fill out this document and turn it in as part of your Final Project and Presentation submission. You will most likely want to print, sign, and scan this document, but you may use an image editor if you are able to sign your name with a digital pen.

Carefully complete each section. If this document isn't correctly filled out and submitted with the assignment, ***the assignment grade will incur heavy penalties***.

## Basic Information

| | |
|---|---|
| **Course Number**<br>(e.g., CPSC-120) | CPSC 411-03 |
| **Course Section**<br>(e.g., 02) | 03 |
| **Your full name(s)**<br>(use the name associated with our school) | Mohammad Usman Qazi<br>Aaron Cope<br>Stephanie Pocci<br>Andrew Jung<br>Andrew Phan |
| **Github Repository URL** | https://github.com/2022-fall-csuf-cpsc-411/final-project-and-presentation-mamas-apple-pie |

# Items Completed

Clearly mark one of the check boxes in each row to confirm whether each of the following items have been completed. Carefully check each row for accuracy; Each incorrectly marked row may carry a ***huge penalty on this assignment's grade and be subject to our institution's academic dishonesty policies***.

Additionally, add a ***typed*** description of where each item can be found in your app, and how to get there easily.

| Completed | Not Completed | Item |
|:---:|:---:|:---|
| ☒ | ☐ | The signed and completed version of this document is present in the repo as a multi-page PDF, not several image files. |
| ☒ | ☐ | *Requirement:* Callbacks <br><br> *How to find:* All over the place. Check the Search Controller file. |
| ☒ | ☐ | *Requirement:* Logging <br><br> *How to find:* See the console window on the bottom right. |
| ☒ | ☐ | *Requirement:* Storyboard Layout <br><br> *How to find:* See "main" file. |
| ☒ | ☐ | *Requirement:* API Based User Interface <br><br> *How to find:* Programmatic view: In Meals Controller. |
| ☒ | ☐ | *Requirement:* Interactive Assets <br><br> *How to find:* Several Images change when pressing buttons. Logo on landing page changes depending on dark mode/light mode. |

| Completed | Not Completed | Item |
|:---:|:---:|:---|
| ☒ | ☐ | ***Requirement:*** Text Input and Delegation<br><br>***How to find:*** The app contains a regular keyboard and a decimal pad. The decimal pad filters out extra decimal/commas and doesn't allow input greater than 30. |
| ☒ | ☐ | ***Requirement:*** Internationalization and Localization<br><br>***How to find:*** The app is translated into Spanish which has a comma decimal separator. |
| ☒ | ☐ | ***Requirement:*** RESTful Interactivity<br><br>***How to find:*** The app both gets and posts to different servers. In the SearchController their is a requests that gets nutritional info as well as an image of whatever food you search. In the MealsController there is a request that posts whatever image the user uploads to Imgur for later retrieval. |
| ☒ | ☐ | ***Requirement:*** Persistent settings<br><br>***How to find:*** The app has a settings page. The code can be found in the Settings file. The user can switch from light and dark mode and this setting will persist throughout app restart. |
| ☒ | ☐ | ***Requirement:*** File persistence<br><br>***How to find:*** In the SearchController file, after saving a meal, the foods that were added to that meal are saved locally in a txt file. Caching is performed with the thumbnails of food in the Meals tab. The food that was last added to the meal will have its thumbnail displayed next to it on the list. |
| ☒ | ☐ | ***Requirement:*** Database persistence<br><br>***How to find:*** After saving a meal, a "Meal" object is added to the CoreData database. The code for this is found in the MealStore file and in the MealsController. |

# Additional Comments

Write any additional comments for your submission here.

# Signature

Sign your name to attest the following statement. Only students signing below will receive credit for the assignment; If this is a group assignment, make sure everyone signs the same document.

> I certify I have checked the above for accuracy and agree any inaccurate information may be subject to the department's policy on Academic Integrity / Academic Dishonesty.