Team CHAMP

UCSC Meal Builder

**Sprint 3 Plan**

**Goal:** Sprint 3 should introduce integration with an online database of food items that we can access through the web portal ([ucscmealbuilder.com](http://ucscmealbuilder.com)), provide suggestions for users to complete meals, and store meals as “favorites”. It should also have a more attractive UI and visual theme.

**Task Listing:**

1. As a developer, I would like to have the app present multiple suggestions for how to complete a meal, so that users can fully utilize their spending power and also choose food that suits them.

* Improve on our algorithm by allowing it to sort items by price and “course” -- ie entree, side, drink. Currently the algorithm just identifies which items are too expensive and highlights them to notify the user that the item is outside of their current remaining budget.

1. As a user, I would like a feature that allows me to add a certain meal to my “favorites,” so that next time that meal is one click away.

* Allow user to save “Cart” data structures to a database of favorites.
* Allow the user to query saved Carts in the Favorites Activity, accessible from the Home Activity.

1. As a developer, I want a way to update the app’s menu choices through the online portal, so that the process of updating is convenient and flexible.

* Databases need to be implemented on the website.
* The app needs to fetch the databases from the website at run time.
* We should be able to modify the databases by logging into the administrative tool on the website.

1. As a user, I want the app to be visually appealing and have a coherent visual style so that it is fun to use.

* Decide on and implement an appealing color scheme.
* Create a logo and a couple distinctive images for the app.

1. As a developer, I want to capture the idea that there are multiple versions of one “item” -- ie, a combo.

* Add an Item Activity that is called up when an item is added to the cart, and which lets the user select a more specific version of an item.

**Team Roles:**

* Glenn: Database/Back End
* Dishen: Developer, Product Owner
* Kevin: Developer, Scrum Master
* Sam: Developer
* James: Developer

**Initial task assignment:**

* Glenn:
* Dishen:
* Kevin:
* Sam:
* James: