**CS 673 - TEAM 4**

**6/14/21 - Monday 8:30 AM PT**

**(1 hour)**

**Call Agenda**

**Introduction**

1. Demo CRUD app - code is on ‘crudcode’ branch in GitHub
2. Discuss integration - high level - Details below
3. Overall approach for Iteration 2 Deliverables - General

**MyDietHub – Requirements Backlog/Task List**

1. Establish Classes for Meal and Food Item
   1. Meal Object contains meal\_type & food\_list
   2. food\_list comprised of food\_item objects - when a food item object is created, it should be stored in a food\_list data structure and will be passed to the meal\_type object
   3. Revise DB to accept food\_item object and meal objects
   4. Be able to query DB based on varying criteria
   5. Use Factory design pattern to create food\_item objects
2. Connect Reg/Login, USDA API, and CRUD modules into one app - This will provide a complete, fully integrated, operational MVP - **This will form Iteration 2.**
3. Restyle Reg/Login pages to conform with overall site style
4. Revise Food Input Page for input of multiple items/dynamic scaling - Iteration 3
5. Revise Meal Report to include:
   1. All relevant data fields: Meal Type, Food Items, Calories, Date
   2. Query function/field by: meal\_type, food\_items, date, etc.
6. Develop for **SPPP/SDD** Documentation, Progress Report & **Presentation**:
   * 1. Wire frames - Balsamiq - Huimin
     2. Activity & Data Flow Diagrams
     3. Use Case Diagram - Josephine
     4. Revised Class Diagram - Ray
     5. System Architecture - MVC, Layered discussion - Ray
     6. README file with instruction to run app - Danny
7. **Update Pivotal Tracker for new Responsibilities & Tasks - Chen**

**Iteration 2 – Presentation – Notes from Iteration 1:**

1. Should start off with an introduction telling the audience who is presenting and what will be discussed.
2. I would have also started with the wireframes to give context.
3. I would have also liked to see more on the overall architecture of your application in your presentation.
4. Consider key architecture patterns, MVC, Layered Pattern, etc. - Ray provides update the SDD
5. Meeting Minutes: The team did well tracking the meeting minutes. -
6. SPPP: The corrections were made to the SPPP and your management plan is well documented.
7. SDD: The application you propose could use a couple of well-known architecture patterns. Consider MVC, or layered pattern. Look them up and try to incorporate them and update your SDD.
8. Make certain that your implementation actually matches your design.

**Iteration 2 – Presentation – Key Responsibilities:**

1. Deliverables:
   1. SDD Document
      1. Software Architecture
         1. Database schema diagram - Ray
      2. Use Case Diagram
      3. Wireframes - Huimin
   2. Testing Report
   3. SPPP Document
      1. Update Timeline
      2. Link to Test doc
      3. Sign - everyone
   4. PPT Presentation
      1. Intro
      2. Overview
      3. Changes from Iteration 1 to iteration 2
      4. Requirements - Update
      5. Software / System Architecture
      6. Testing Plan & Results
      7. Refactoring - examples
      8. Conclusion - Next Steps for Final Iteration
         1. Revise code to accept “multiple” food items
         2. Be able to query DB based on varying criteria
         3. Additional exception handling and data validation