**Iteration Plan**

High level objectives

* Update Vision Statement, System Sequence Diagram, and Design Document to be current and to fix issues based on feedback from previous iteration
* Add to Use Case Model and Design Documents for the additional use cases that are being implemented
* Implement 80% of the use cases in code and create a working demo
* Create an iteration plan and deployment document

List of work items with assignments

* Update the Vision Statement – Assigned to: **Hadi and Philip**
* Update the Use Case Model to include use cases that are being implemented in Iteration 2
  + Update profile - Assigned to: **Rachel**
  + Delete profile - Assigned to: **Rachel**
  + Update item (price, name or location) - Assigned to: **Hadi**
  + Delete item - Assigned to: **Hadi**
* Update the System Sequence Diagrams – Assigned to: **Hadi**
* Create an Iteration Plan – Assigned to: **Rachel**
* Update the Design Document to include sequence and class diagrams for iteration 2. Also include an explanation of the diagrams, including the GRASP patterns used –
  + Sequence Diagrams  - Assigned to: **Hadi**
    - Delete profile
    - Update item (price, name or location)
    - Delete item
  + Class Diagrams - Assigned to: **Rachel**
* Add all action items in the Iteration Plan to the GitHub repository's issue tracker - Assigned to: **King**
* Implement the four use cases for the system
  + Add an item (name, price, and location) - Assigned to: **Philip**
  + Update item (price, name or location) - Assigned to: **Philip**
  + Delete item - Assigned to: **King**
  + Delete profile - Assigned to: **King**
* Use Case implementation that will be deferred to the next iteration
  + Sort Items by distance or price
  + Search for an item
* Prepare a demo of the working system to present in class. - Assigned to: **Philip** **and King**
* Write a document explaining the deployment - Assigned to: **King**
* Bring a printed copy of the Updated Vision, Updated Use Case Model, System Sequence Diagrams, Iteration Plan, and Design Document to class with you. - Assigned to: **Rachel**

Evaluation criteria

* Maintain functionality of use cases implemented in previous iterations
* Successfully implement the Add an item, Update item, Delete item, and Delete profile use cases
* Testing Plan – Execute the following 8 scenarios. Successfully complete 8/8 = 100%
  + Create a user.
  + Login with the user.
  + Update the user's info.
  + Create an item.
  + Add an item.
  + Update the item info.
  + Delete the item.
  + Delete the user.
* Update all documentation necessary for this iteration
* Favorable response to the demo by the instructor and classmates