

## Project 3 – Documentation

April 8<sup>th</sup>, Tuesday Group Meeting (*Alex*):

- Discussed every part of the project, discussion, presentation, and code.
- Coded part of the constructor for the Resource Management class (*Jackson*).
- Discussed next steps: completing the Department and the Resource Management constructor.

April 9<sup>th</sup>, Wednesday (*Gabriel*):

- Worked on Department constructor; iterating through the given file, creating and recording items for the department.
- Small revision to Resource Management constructor.

April 10<sup>th</sup>, Thursday Group Meeting (*Alex*):

- Started documentation document (*Alex*).
- Went over each contribution and next steps for project completion; flowchart (*Obada*) and finishing Department constructor (*Gabriel*).

April 15<sup>th</sup>, Tuesday Group Meeting (*Alex*):

- Discussed Assignment 4.
- Went over next steps for final project.
  - o Department class constructor is overall completed.
  - o Focus is on the ResourceManagement constructor. Specifically, programming the 'buying' desired items according to the budget and moving items to the received and removed lists.

April 17<sup>th</sup>, Thursday Group Meeting (*Alex*):

- Worked on the rebalanceTree() method in AVLTree class for Assignment 4. (*Alex*)
- Tentatively finished the resourceManagement class constructor. (*Erick*)
- Discussed next steps such as the printSummary() method.

April 17<sup>th</sup>, Tuesday (*Alex*):

- Completed rebalanceTree() method in AVLTree class for Assignment 4. (*Alex*)
- Tested on UTSA FOX Server.

April 18<sup>th</sup>, Friday (*Alex*):

- Worked on resourceManagement() constructor for the project. (*Erick*)

April 22<sup>nd</sup>, Tuesday Group Meeting (*Alex*):

- Discussed resourceManagement() constructor, need to implement scholarships for each department to completely finish.
- Also, found an interesting discrepancy in our code and the example output, where the example reads from each department at the same time.
- Worked on printSummary() method for ResourceManagement class (*Obada*).
  - o Need to fix accessing departments in the empty department priority queue.
  - o Possible solutions, copy department PQ to be used for printSummary() method.
  - o Or modify the priority value of each department during initial traversal to be still accessed later, but not removed from the priority queue.
- Discussed next steps with finalizing code and project.