UML:

Lessons Learned:

What have you learned?

How to create a hash table, and through its implementation, create buckets for a linked list when experiencing collisions. The exception handling within the methods, as well as for the jUnits. How to maneuver the tables with a hash code.

What did you struggle with?

The showAll() method for the manager class. But a bunch of other students had trouble with that too, so it might just be the tests.

What will you do differently next time?

Email the professor when I notice the problem beforehand rather than wait for class?

Screenshots:

Github:

**Deliverables / Submissions:**

Design: UML class diagram with algorithm (pseudo-code) for methods

Implementation: Submit a compressed file containing the follow (see below): The Java application (it must compile and run correctly); Javadoc files in a directory; a write-up as specified below. Be sure to review the provided project rubric to understand project expectations. The write-up will include:

* UML diagram
* In three or more paragraphs, highlights of your learning experience

**Deliverable format:** The above deliverables will be packaged as follows. Two compressed files in the following formats:

* LastNameFirstName\_Assignment4\_Complete.zip, a compressed file in the zip format, with the following:
  + Write up (Word document) - reflection paragraphs
  + GitHub repository with java files from Assignment 4.
  + Final Design: UML Diagram - latest version (Word or image)
  + doc (directory) – Javadoc
    - * subdirectories (as is)
      * File1.html (example)
      * File2.html (example)
  + src (directory) 
    - * File1.java (example)
      * File2.java (example)
* LastNameFirstName\_Assignment4\_Moss.zip, a compressed file containing one or more Java files:
  + File1.java (example)
  + File2.java (example)

This folder should contain Java source files only

ONLY SUBMIT THE FILES THAT YOU IMPLEMENTED OR UPDATED FOR this ASSIGNMENT.  YOU DO NOT NEED TO SUBMIT THE FILES THAT ARE ALREADY PROVIDED FOR YOU.