Please replace this paragraph with your Assignments 1 and 2 unchanged but including grading and comments. 1/28/2021 7:03 AM

# Assignment 3

Implement the next release of your term project (preferably, or start a new one if you have to). You will incorporate generics. The same instructions as in Assignment 2 apply to this completed Word document, the gray text, the 5 page limit, appendices, JUnit tests, and a ReadMe file.

## 3.1 SUMMARY DESCRIPTION, UPDATED AS NECESSARY

*EVALUATION CRITERION (i) APPLIES*

One- or two-paragraph overall description of your proposed term project. Color in red the parts different from Assignment 2.

Your response replaces this.

## 3.2 ADDITIONAL REQUIREMENTS (FEATURES) IMPLEMENTED IN THIS RELEASE

*EVALUATION CRITERION (i) APPLIES*

Title and one or two sentences per requirement. Don’t repeat requirements implemented for prior assignments unless they are necessary to provide context—in which case, make it clear which are new vs. old.

### 3.2.1 Your title replaces this. (OLD / NEW REQUIREMENT)

Your response replaces this.

### 3.2.2 Your title replaces this. (OLD / NEW REQUIREMENT)

Your response replaces this.

### 3.2.3 Your title replaces this. (OLD / NEW REQUIREMENT)

Your response replaces this.

### 3.2.4 Your title replaces this. (OLD / NEW REQUIREMENT)

Your response replaces this.

### 3.2.5 ….

## 3.3 I/O EVIDENCE OF ACCOMPLISHING THE REQUIREMENTS LISTED ABOVE

*EVALUATION CRITERION (ii) APPLIES*

Provide an example of actual input / output corresponding to the requirements above

Your response replaces this.

### Input File(s)

File ….

### Input / Output

Console I/O:

### Output File(s)

File …

## 3.4 YOUR DIRECTORY

Show a screenshot of your directory. This should include a parallel directory of JUnit tests where applicable—package-by-package, class-by-class, and method-by-method, except for trivial and inapplicable ones.

Your response replaces this.

## 3.5 YOUR UPDATED CLASS MODEL AND CLARIFICATION OF HOW THE EXECUTION WORKS

*EVALUATION CRITERION (i) APPLIES*

Supply a main use case, the class model, and the sequence diagram corresponding to the use case. These should be consistent and clear. Indicate clearly in your class model where you applied generics. To do this use tools, PowerPoint, or a combine models as in [this example](https://docs.google.com/spreadsheets/d/1vBmDVtWWh3EX0oehFFLRU0P6eR-fn4d0qVg1-XOUooM/edit?usp=sharing) (which you are free to cut and paste from). Insert indications in red to show where generics apply.

Your response replaces this.

## 3.6 WHERE GENERICS ARE IMPLEMENTED

*EVALUATION CRITERION (iii) APPLIES*

### 3.6.1 Class model fragment showing generic class

Explain where and how you applied *generic classes* in your class model.

Your response replaces this.

### 3.6.2 Code (including test code), input (if applicable), and output showing generics

Explain why the use of *generics* is appropriate here.

Your response replaces this.

## 3.7 YOUR CODE

*EVALUATION CRITERION (iii) APPLIES*

Unless your facilitator arranges another method, copy your Eclipse project to your file system, zip it, and attach it. Please contact your facilitator in advance if you want to request another transmission process (e.g., github).

## 3.8 INSTRUCTOR’S EVALUATION

