HW8 Grading

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Date: **11-30-2023**

# **Check and make sure students understand the following (Non-checking means students don’t/won’t follow the rules, so 0 points):**

* (X) I did my work not as a university student, but as a professional software engineer.
* (X) I understand the homework submission and grading rules (0 points for violation).
  + (X) I checked that **the directory name is following the naming convention** (your last name, first name, and homework number combined with ‘-‘).
  + (X) I copied all the files in the correct directory.
  + (X) I zipped the directory; I didn’t use any other file format than zip.
* (X) I did my best to submit the homework in as high quality as possible.
  + (X) I checked that I didn’t include any unnecessary files (temporary files) or hidden files such as .DS\_Store or MS Word broken files.
* (X) I understand that the instructor can deduct or add more points depending on the quality of my results.
  + (X) I get 20% deduction when I missed the deadline but submitted it with the grace period.
* (X) I understand that I earn 0 points (and the instructor can report to the department) when
  + I keep violating submission and grading rules
  + I submit my homework assignment after the grace period
  + I did not mark all checking items (the ( ) symbols), or I did not grade my results (the [ ] symbols).
  + I used others’ work with proper modifications and understanding of the content, but I did not list their names
  + I copied others without proper modifications and understanding of the content
  + My results are too low in quality
  + The instructor finds any cheating, violations, or dishonesty in doing and submitting this homework (the students will be reported to the university and department).

# **Individual Project: [100]/100**

Link to the GitHub repository ([**https://github.com/HightMaster/ASE-420-HW8-Individual-.git**](https://github.com/HightMaster/ASE-420-HW8-Individual-.git))

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| Project Plan | [10] / 10 | * [10] I made my Individual project page before HW4 submission, and my team leader checked it. | *\*NOTE: Directory structure instructions were inconsistent across multiple documents. My Github has two main directories* ***results****, and* ***Project Files****. Project files will contain any other files you might want to see. Results should have everything for the direct submission described in this grading rubric.* |
| Requirements using User Stories | [10] / 10 | * [5] I made my original requirements using user stories and stored it in GitHub (<https://github.com/HightMaster/ASE-420-HW8-Individual-/tree/main/Project%20Files/documents/requirements>) * [5] I revised my requirements from the user’s request (Jack’s 2nd email) and stored the file in GitHub (<https://github.com/HightMaster/ASE-420-HW8-Individual-/tree/main/Project%20Files/documents/requirements>**)** | *If students’ requriements are not clear, or do not follow the correct user-stories format. Up to 8 points can be deducted.* |
| Design | [20] / 20  (10 points per each design) | * [10] I made my original design documents (UML diagrams and other files), and I stored them in GitHub (<https://github.com/HightMaster/ASE-420-HW8-Individual-/tree/main/Project%20Files/documents/design>) * [10] I made my revised design documents (UML diagrams and other files) from the user’s request (Jack’s 2nd email), and I stored them in GitHub (<https://github.com/HightMaster/ASE-420-HW8-Individual-/tree/main/Project%20Files/documents/design>) | *If students’ design document is in low quality, up to 8 points can be deducted per each design.* |
| Code | [30] / 30  (10 points per each implementation) | * [10] I made a prototype application, and I zipped the GitHub repository in the results/github/prototype directory (10 points). * [10] I made the first application, and I zipped the GitHub repository in the results/github/ver1 directory (10 points). * [10] I made the revised application (from Jack’s 2nd email), and I and I zipped the GitHub repository in the results/github/final directory (10 points). | *Students earn 0 points when they include any of the virtual env (venv) files.*  *Students earn full points as long as the program is working and implements the requirements.* |
| Tests | [10] / 10 | * [5] I made ( *14* ) unit tests for all of my classes (modules) and I stored them in GitHub (<https://github.com/HightMaster/ASE-420-HW8-Individual-/tree/main/Project%20Files/test>) (5 points). * [5] I made integration, regression, and acceptance tests and I stored them in GitHub (<https://github.com/HightMaster/ASE-420-HW8-Individual-/tree/main/Project%20Files/test>) (5 points). | *Students should make unit.* |
| Tools, Documents, and Schedule | [10] / 10 | * [5] I transformed the Canvas individual project page into PDF that has my original plan and the actual plan in the results/canvas directory. (5 points) * [5] I made a manual and presentation of my application and copied it in GitHub (<https://github.com/HightMaster/ASE-420-HW8-Individual-/tree/main/Project%20Files/documents> ) (5 points). | *1. The manual should have all the information to use the application to earn points.*  *2. Students earn 0 when they don’t specify GitHub repository link to each document* |
| Code smells, Redesign, Refactoring, and Design Patterns | [10] / 10 | * [10] I have made a list of code smells that I experienced, also I have made a list of software rules, refactoring patterns, and design patterns to remove the smell. and I stored them in GitHub (<https://github.com/HightMaster/ASE-420-HW8-Individual-/tree/main/Project%20Files/documents>). | *Students should make at least 10 code smells, 5 refactoring patterns, and 3 design patterns applications to earn full points.* |