HW8 Grading

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# **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/btmolloy/ASE456-Individual-Project>)

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| Project Plan | [ 10 ] / 10 | * [ 10 ] I made my Individual project page before HW4 submission, and my team leader checked it. |  |
| Requirements using User Stories | [ 10 ] / 10 | * [ 5 ] I made my original requirements using user stories and stored it in GitHub ([ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/requirements/User Requirements V1.txt at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/blob/main/HW8/Molloy-Benjamin-HW8/results/requirements/User%20Requirements%20V1.txt)) * [ 5 ] I revised my requirements from the user’s request (Jack’s 2nd email) and stored the file in GitHub ([ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/requirements/User Requirements V2.txt at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/blob/main/HW8/Molloy-Benjamin-HW8/results/requirements/User%20Requirements%20V2.txt)) | *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 ([ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/design/ver1 at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/design/ver1)). * [ 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 ([ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/design/ver2 at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/design/ver2)). | *If students’ design document is in low quality, up to 8 points can be deducted per each design.* Per your instructions in class, you said that we do not need to create UML Diagrams, so I created a UML like design document diagram. |
| 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). (github zip: [ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/github/prototype at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/github/prototype) ) (For lib & yaml: [ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/code/Prototype at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/code/Prototype) ) (For Project File: [ASE456-Individual-Project/Prototype/time\_managment\_app at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/Prototype/time_managment_app) ) * [ 10 ] I made the first application, and I zipped the GitHub repository in the results/github/ver1 directory (10 points). (github zip: [ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/github/ver1 at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/github/ver1) ) (For lib & yaml: [ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/code/Ver1 at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/code/Ver1) ) (For Project File: [ASE456-Individual-Project/Ver1/time\_managment\_app at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/Ver1/time_managment_app) ) * [ 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). (github zip: [ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/github/final at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/github/final) ) (For lib & yaml: [ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/code/final at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/code/final) ) (For Project File: [ASE456-Individual-Project/Ver2/time\_managment\_app at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/Ver2/time_managment_app) ) | *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.*  In the Github directories (Prototype, Ver1, Final) I have only included the lib and yaml to avoid including the venv files. I have also included links to the entire Project File if you would prefer to look at that however it is much larger. |
| Tests | [ 10 ] / 10 | * [ 5 ] I made ( 9 ) unit tests for all of my classes (modules) and I stored them in GitHub ([ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/tests/Unit Tests at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/tests/Unit%20Tests)) (5 points). * [ 5 ] I made integration, regression, and acceptance tests and I stored them in GitHub ([ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/tests at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/tests)) (5 points). | *Students should make unit tests.*  In class you said we do not need code tests so I used manual testing for my testing. I emailed you about this twice but didn’t get a response in time so I went with this method as it is the best solution for this use case.   With these tests, they function as integration, regression, and acceptance test is how I understood them. |
| 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 (User Manual: [ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/documents/User Manuals at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/documents/User%20Manuals) Presentation: [ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/documents/Presentation at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/documents/Presentation)). (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 ([ASE456-Individual-Project/HW8/Molloy-Benjamin-HW8/results/documents/Code Refactor Documents at main · btmolloy/ASE456-Individual-Project · GitHub](https://github.com/btmolloy/ASE456-Individual-Project/tree/main/HW8/Molloy-Benjamin-HW8/results/documents/Code%20Refactor%20Documents)). | *Students should make at least 10 code smells, 5 refactoring patterns, and 3 design patterns applications to earn full points.* |