CISC / CMPE 327, Fall 2024
Project Assignment #5: Integration Test
Due: Monday, Nov. 25 (plus 24-hour automatic extension if needed)

In this assignment, you will focus on performing integration tests for your project. Integration tests check how more than one component/ module works together. Since integration testing can be complex, you are required to perform at least three integration tests. You need to write test script(s) for this integration test. In the following, we provide a few examples of integration tests. You need to go through the provided links to familiarize yourself and write your own integration test for your project.
Examples:

1. Integration test using python unittest: https://github.com/anwardr/Cisc327-F24/blob/main/testing/integration-testing-demo.py
2. Integration test using pytest: https://openclassrooms.com/en/courses/7747411-test-your-python-project/7895358-write-integration-tests
3. Integration testing in React: https://www.frontendeng.dev/blog/10-integration-testing-in-react

What you should deliver/submit:

1. Write a brief summary of each of the integration test scripts to explain your intention in a pdf file under Assignemt-5 folder.
2. Run the test script(s) and record the output (screenshots), in the same pdf file as above.
3. Write clear instructions on how to run the integration test scripts, in the same pdf file.
4. Add a task distribution table in the document to list the contributions of each group member.
5. Please make sure you push the latest changes on GitHub repository.
6. Please do not forget to provide your project's GitHub repository link in OnQ under Assignment 5.

Marking Criteria Assignment #5:

Marking Criteria: Marks will be assigned between zero and the number of marks shown to a resolution of 0.5 mark.

Integration Test Summary and Test Scripts   (2+3) marks

Report of Test Script Execution ⌷OBJ⌷   2 marks

Overall Presentation & Quality   1 mark
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Total marks   **8 marks**