

**Feedback:**

“No details provided regarding the implementation. For final submission please do submit the design sketch and readme file mentioning how to run your code also, no testing (Unit testing, tests for edge cases, integration tests etc.) seems to be done at this stage so please implement that as well.”

**Changes:**

Since the draft submission, I have made significant improvements, primarily focusing on testing implementation. Although I intended to add testing, it was not completed by the draft deadline. Now, I have successfully implemented both integration and unit tests for each of the three files. Additionally, I have included the design sketch PDF in my repository, as requested. Finally, I have enhanced the README file with comprehensive descriptions of the files and clear instructions on how to run the code, including how to interact with the various interfaces and execute the test files.