**Maiza Falcon Rojas**

**February 23, 2024**

**Assignment: Milestone 4: File I/O Integration**

**Class: CST-239**

GitHub link: https://github.com/maiza02/Milestone-4.git

Loom Link: <https://www.loom.com/share/7a71b4fe47db46bd921c726f5f25e663?sid=b48656ea-aa76-4a5a-98c3-d0a029c8fb5f>

<https://www.loom.com/share/aab9aff2985346279ff7c90b5f26ddad?sid=d7fe4408-0a13-4b37-8f01-e6d0b286a30d>

Figure 1: Flowchart for Milestone 4

A diagram of a product

Description automatically generated

Figure 2: UML Diagram part 1

A screenshot of a computer program

Description automatically generated

Figure 3: UML Diagram part 2

A diagram of a product

Description automatically generated

Follow Up Questions:

**What was challenging?**

Adding the Jackson files to the already existing code was difficult. It took me a while in order for it to actually to work.

**What did you learn?**

I learned how to add Jackson files to read from an external file to already existing code.

**How would you improve on the project?**

I honestly felt this project did not need any improvements, the directions were clear and straightforward.

**How can you use what you learned on the job?**

On the job, I can use the knowledge gained from initializing the store inventory to efficiently manage product data. This would be particularly useful when integrating with external systems or databases that provide updated information about available products. It enables the application to start with an accurate and up-to-date inventory without manual input.