|  |  |
| --- | --- |
| **C:\Users\Far\Pictures\New Picture.jpg** | **Code Review Template** |

**This template is to be completed and submitted by the *Reviewer*.**

Names of the Reviewer: Hao Nguyen

Name of the developer being reviewed: Hy Huynh – Tool Shop

|  |  |  |
| --- | --- | --- |
| **Category** | **Comments /questions about of the reviewing group about the design documents** | **Responses by the developer (if any)** |
| Spelling Mistakes | This program doesn’t have any spelling mistakes. |  |
| Naming issues | In the FileManager class, the developer put: String outputFilename = “supplier.txt” even though supplier.txt is an input file and treated as so |  |
| SOLID Principle Violations | Single Responsibility: After reviewing the code, I believe the Inventory class is used to organizing Array List of Item. However, this class has more than one functionality such as managing Array List of suppliers, calling order line and saving order list in output file. My suggestion is to create a new class organizing array list of suppliers, move orderAction() function to Orderline class and move outputOrders() to Order class.  Dependency Inversion Principle: I believe the program violates this principle as the high-level modules depend on low-level modules, for example, Inventory class depends Item class, instead of depending on an abstract class. My suggestion is to create an abstract class so that Item class and Inventory class to depend on. |  |
| Lack of documentation | There is no lack of documentation as every class has a very detailed documentation for each function |  |