**UNIVERSIDAD DE LAS FUERZAS ARMADAS ESPE**

**Team Inspector:** CodeCrafting Engineers

**Team Inspected:** A-Byte Wizards

**INSPECTION**

***Requirements***

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The project requirements document is complete, but it does not adequately present the requirements, according to IEEE 380 standards, instead of grouping the general explanation of the requirements into paragraphs.

***Use Case Diagram***

Only the actor who buys products from the store would be missing.

***Class Diagram***

The classes within the class diagram are relevant to the classes that are in the project, but relationships between these same classes are missing. An example is between InventorySystem with ManagementSystem and UserInterface

***Class Diagram vs Requirements***

-The userInterface is not connected to some classes that are in the requirements and we do not know what it does

-It is missing several methods and several attributes.

-Products are not submerged by categories and attributes only by ID

- There is no verification if there is a low level of products

- The invoice class lacks methods

***Use Case Diagram vs Class Diagram***

-The third author “Consumer” is missing

- Do not use synonyms but use specific words

-Bad names that don’t provide good information about how the app works

Manage Stock

Report Low Inventory

Register Returned Change

Sell Products with Zero Price

-Lack of actors, actors without names that provide information to the reader

-Ambiguity and functionalities that are already made by others

-Illogical, zero purpose functionalities that only fill the case diagram making no sense

-Need more information and the current class diagram not match with the current case diagram

-Need for processes that better encompass others, eliminating unnecessary or redundant ones

***Code vs Class Diagram***

-There’s no relation with another classes, and some of them are wrong giving incorrect information

-Exist a bad use of the multiplicity between classes

-Problems with attributes and methods that are important for the correct work of the program or app

-Libraries without classes, without purpose

