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Grand Canyon University
CST-150 Programing in C# 1
Week 6 / Milestone 3
08/14/2022

Assessment Description:

This milestone has three parts:

Part 1: Use a UML class diagram to model your inventory manager class. This class must use an array to manage a collection of inventory items.

Part 2: Implement the inventory manager class. This class must have methods that do the following:

1. Add a new item to the inventory manager.
2. Remove an item from the inventory manager.
3. Re-stock an item in the inventory manager.
4. Display the items in the inventory manager.
5. Search for an item in the inventory manager by at least two criteria (name, price, quantity, etc.).

Part 3: Test the inventory manager class with a driver program or unit tests. This may be a console application.

Part 4: Demonstrate your project in class and be prepared to answer questions about your code. Refer to “Presenting Online Guide,” for presentation options. Though this resource is intended for online courses, your instructor may support these options.

Deliverables:

1. A cover sheet with name, date, and assignment title.
2. A UML class diagram of the inventory manager class.
3. Code that implements the inventory manager class.
4. A driver method or unit tests for the inventory item class.
5. The link to the screencast URL.

Link Submissions:

GitHub: https://github.com/GCUSTudent-DanielRumfelt/Week_6_Milestone_3