Lab 02: Problem Modeling and Encapsulation

1. Assignment Submission
2. UML & Astah
3. 2. Problem Statement of AIMS Project
4. Use case diagram

Diagram

Description automatically generated

1. UML Class Diagram for use cases related to cart managementDiagram

   Description automatically generated
2. Create Aims class

Text

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1. Create the DigitalVideoDisc class and its attributes

Text

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1. Create accessors and mutators for the class DigitalVideoDisc

Text

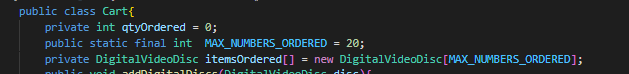
Description automatically generated

1. Create Constructor method

Text

Description automatically generated

1. Create the Cart class to work with DigitalVideoDisc



1. Create Carts of DigitalVideoDiscs

A screenshot of a computer

Description automatically generated with medium confidence

Result

Graphical user interface, text

Description automatically generated

11.Removing items from the cart

A screenshot of a computer

Description automatically generated with medium confidence

Result

Text

Description automatically generated

12. References