Lab Report

OOP Lab

Lab 02

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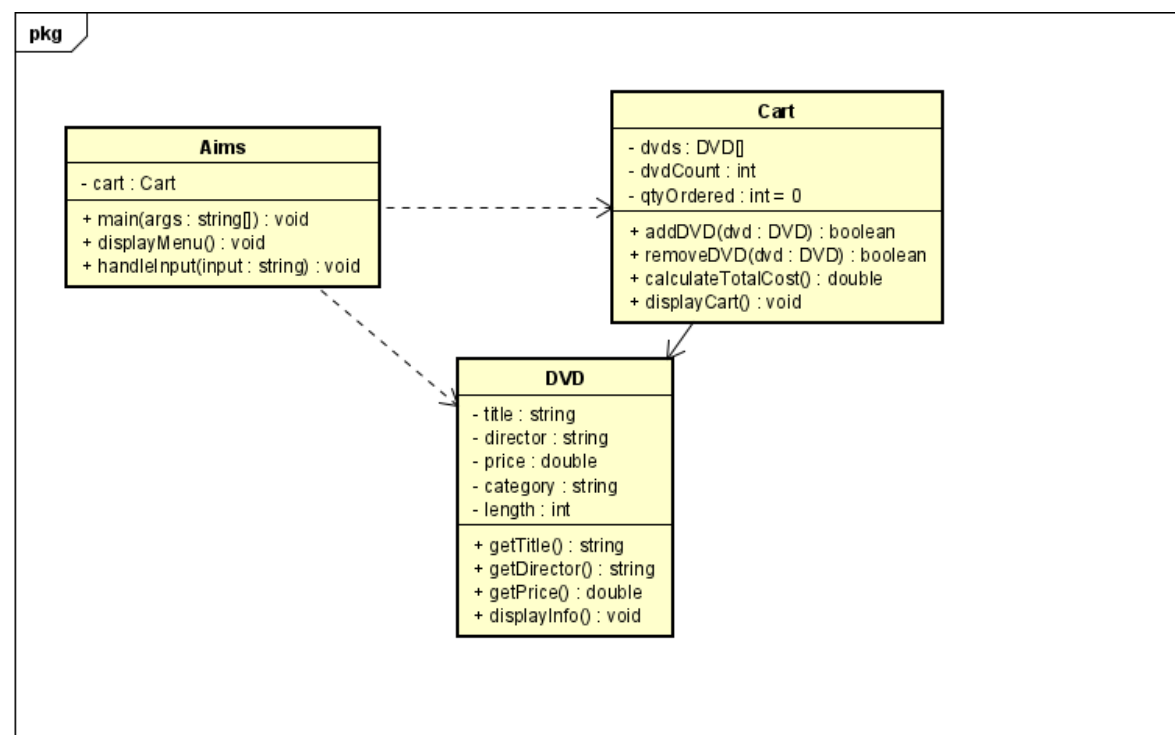
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I.   Use case diagram
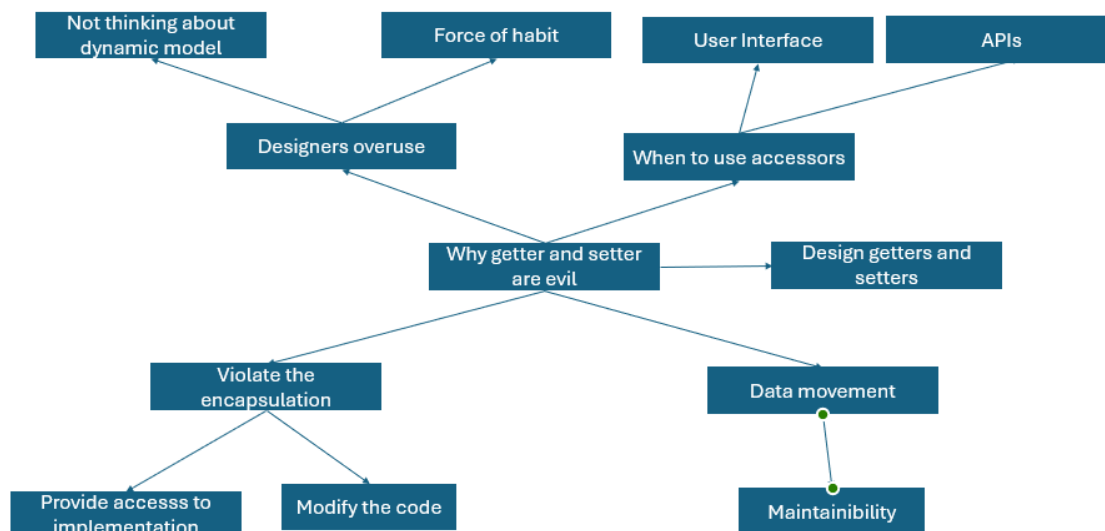
Aims

- cart : Cart

+ main(args : string[]) : void
+ displayMenu() : void
+ handleInput(input : string) : void

Cart

- dvds : DVD[]
- dvdCount : int
- qtyOrdered : int = 0

+ addDVD(dvd : DVD) : boolean
+ removeDVD(dvd : DVD) : boolean
+ calculateTotalCost() : double
+ displayCart() : void

DVD

- title : string
- director : string
- price : double
- category : string
- length : int

+ getTitle() : string
+ getDirector() : string
+ getPrice() : double
+ displayInfo() : void
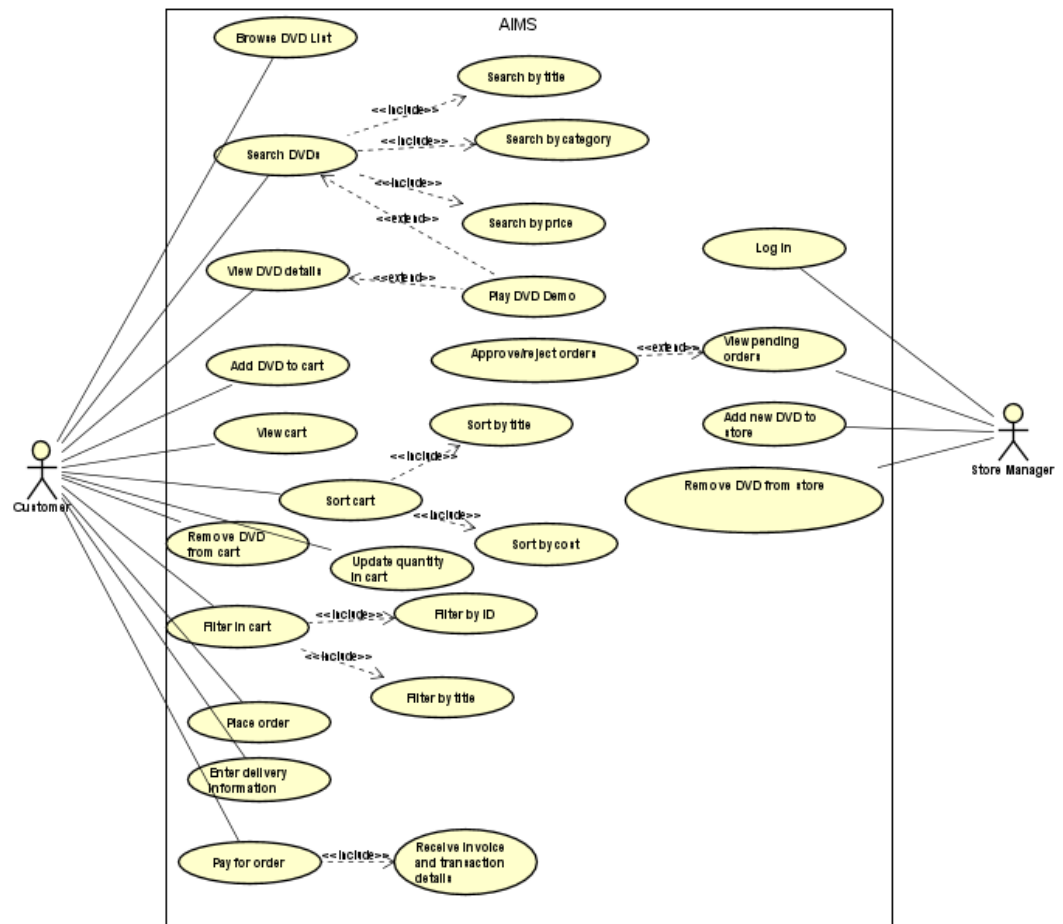
III.   Reading assignment

IV.   Answering questions

-When you want a method to provide an object without worrying about potential changes to the object's implementation.

-No, it will cause an error because both methods have identical parameter lists: a single string argument.