

**Object Oriented Programming**

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**NRC:**

**PROJECT 01**

**TEAM MEMBERS**

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1. Possible classes

|  | Ambiguity |
| --- | --- |
| - | System |
| OK | Product |
| - | Service |
| - | ComputerSystem |
| OK | Cashier |
| - | Software |
| OK | Customer |
| OK | Inventory |
| OK | Provider |

* **Inventory**

product: String

code: int

type: String

amount: int

price: float

discount: bool

date: String

status: String

addProduct(): void

searchProduct(): productList

editProduct(): void

deleteProduct(): void

* **Customer**

id: int

name:String

address:String

cellPhone: int

email:String

buyProduct():product

changeProduct():product

searchProduct():list

* **Cashier**

id: int

name:String

address:String

cellPhone: int

email:String

user:String

password:String

sigIn(): void

sigOut(): void

sellProduct():money

checkInProduct(): void

updatePromotions(): void

* **Providers**

providerName: String

cellPhone: int

business: String

id:int

productCatalog: String

provideProduct():void

sellProduct():money

reportProduct():void

help():void

* **Product**

code: int

name:String

description:String

price: int

lot: int