**OOP PHP Lab Task 2: Inventory Management System**

* A Company wants to develop an application for inventory management system. You have to Design a class called "**Product**" with the following functionalities:

Member Variables:

* ***ProductID***
* ***ProductName***
* ***quantity***
* ***AvaliableAmount***
* ***SaleAmount***

Member Functions:

* Constructor with parameter to initialize member variables.
* ***Stock(ProductID, quantity)*** method for entry new product : **INSERT**
* ***StockUpdate(ProductID, quantity)*** method for update existing product : **Update operation**
* ***Sale(ProductID, quantity)*** method for sale a Product specific quantity: **Update Operation**
* ***ShowProductInformation(ProductID)*** outputs detailed with ProductId, ProductName, and ProductStock information for **specific** product: **Single *View Operation***
* ***showAllProductInfo()***  outputs detailed with **All** ProductName, ProductId and ProductStock information :***View All Operation***

**Database**

**Table1: *InventoryManagement***

**Attributes: *ProductID, ProductStock, quantity, AvaliableAmount, SaleAmount***

**You have to develop a system for database operation you can create database classes by yourself.**

**\*\* Any type of change is allowed if necessary \*\***