

**Subject:** Object-Oriented Software Engineering

**Submitted to:** Sir Jawad Khan

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**Feasibility Report**

**Project:**

**“Inventory Management System”**

**General Information:**

A client wants an inventory management system. The main objective of this project is to manage the detail of customer, supplier, payment, inventory, purchasing. It manages all the information about the customer, receiving, stock, purchasing. The client wants the following functionalities.

Stock Storage, Sale Management, Stock Purchase payment, Sales Report, Available Stock Report, Inventory Report, Serial Number Tracking, and history of all customers and purchases.

**Classes:**

* Customers
  + PurchaseHistory
  + Information
* StockManagement
  + AvailableStock
  + StockPurchasePayment
* SalesManagement
  + Receipt
* Orders
  + DeliveryTracking
* ReportGenerator
  + SalesReport
  + InventoryReport
* SerialNumberTracking
* System Administrator