

Inventory Management System

A Project Proposal

Presented to the **Department of College of Computer Studies**

Cebu Institute of Technology University

Cebu City, Philippines

In Partial Fulfillment

of the Requirements for the Subject

Information Management 2

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Inventory Management System

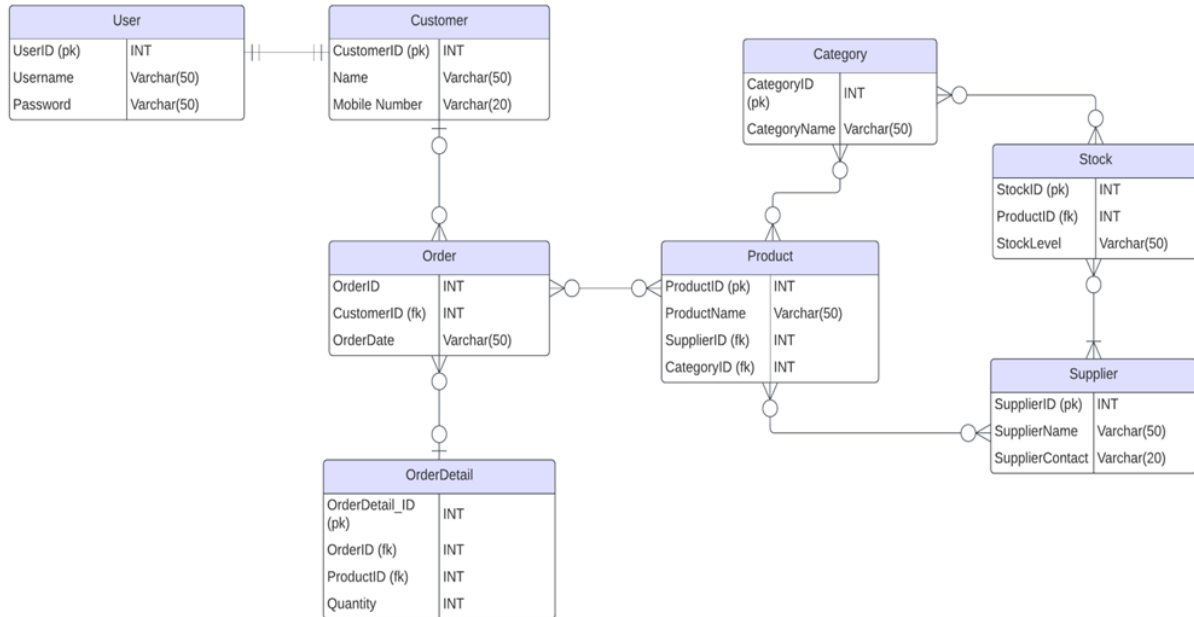
This document features the functional Requirements for the Inventory Management System (**IMS**). This outlines the important features and capabilities the System itself must have to meet the needs/requirements of the inventory managers, warehouse staff, and business administrators effectively.

Functional Requirements Table Illustration:

Task	Function	Description	Priority	Inputs	Outputs
T1	User Authentication and Access Control	This System must have a secure login process to ensure that only the authorized users can access	High	- Username - Password	"Access Granted/Denied!"
T2	Product Catalog Management	This function allow the creation, management, and categorization of products within a comprehensive catalog.	High	- Product Name - SKU - Category	"Updated Product Catalog!"
T3	Stock Level Tracking	Monitoring and updating of stock levels to ensure accurate inventory counts.	High	- Returns - Incoming stock	- Current Stock Levels - Alerts (low stock)
T4	Export Data	Users can export data locally in excel/csv format.	Low	- Inventory Data	- Excel/CSV file
T5	Manual Order management	This function allows to manually create and track purchase orders, including details like order date, supplier, and status	High	- Order date - Supplier - Items	"Orders Created/Updated"
T6	Search	This function allows the user to search for a specific item inside the inventory	Medium	- Item name	- Item

These functional requirements outline the important and essential features needed for the *Inventory Management System* (IMS). The System focuses on delivering a Minimum Viable Product that serves as a foundation for further development. As the project progresses, these requirements may be refined, changed or expanded based on the system's needs and any new requirements that may need to be added.

System ERD Draft:



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