**CP363-A: Databases I – Project Proposal**

**Group**:

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**Proposal**: An **Inventory Management System** where it portrays an organization’s day to day inventory handling, procurement, and transactions (customer purchases).

**Operations**: This database design will model an organization like *Best Buy*’s inventory system for all their stores. This includes **purchases from vendors**, **transactional sales to customers**, **add sales promotions,** and other intermediary operations.

**Applications**: A GUI based interface or web application can use this database internally within the organization to manage their inventory. Set up vendor orders, add stock, reduce stock, do customer transactions, etc.

**Entities**:

* Item
* Supplier
* Manufacturer
* Item Category
* Address
* Supplier Address
* Store
* Item Stock Level
* Promotions