**Grocery Management System**

**Team**

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**Documentation**

In this project we made a simple command line application using c programming for grocery management. Here you can find a proper guideline for how to use this system.

After running here are total six menus available. Each menu have individual functionality.

1. Add Product
2. Display Products
3. Sort Product
4. Update Product
5. Delete Product
6. Exit

**1. Add Product:** By inserting “1” user can input product information like Product ID, Product Name, Product Price, Product Stock.

**2. Display Products:** By inserting “2” user can find 2 submenus

1. Show All Product
2. Search For Products

If user enter “a” then all products will appear. On the other hand, by pressing “b” an user can search for any specific products or matched products.

**3. Sort Products:** By inserting “3” user can find 2 submenus

1. Sort By Ascending
2. Sort By Descending

Each of this submenus have another 4 submenus

1. Sort By ID.
2. Sort By Name
3. Sort By Price
4. Sort By Stock

User can sort products by ascending or descending order with multiple fields

**4. Update Product:** By inserting “4” user can update his product. First it ask for product id then if this product available then user can update it's details.

**5. Delete Product:** By inserting “5” user can delete his product. First it ask for product id then if this product available then this product will delete.

**6. Exit:** By inserting “6” user exit form the system.