Soban’s Machine

The document contains information about the functioning and the methodology used to make the program functional as per requirements.

**PROJECT REPORT**

DSA

***Name: Soban Ahmed***

***Section: V7***

***Subject: DSA***

***Submitted To: Dr. Umer Suleman***

**INTRODUCTION:**

**The project is about an Online Store . Taking orders while maintaining the priorities of the items. There are five priorities set for different item categories as per requirement. There is a customer portal and a seller portal can be accessed only by a specific username and ID . Customer can order things from the whole store added to his cart and he will be informed by the delivery time according to the position he holds in order list, these cart items will be send to the seller pending orders portal.**

**There are other functionalities like customer can immediately UNDO the ordered item by stack.And also be able to delete any other item from his cart and that item will be deleted from the seller portal as well.**

**In the Seller portal there are options like to update item categories by adding or removing, updating prices of items items and maintaining pending orders and he can also cancel some orders if he’s out of stock. The specific order will also be removed from the customer’s portal.**

**DATA STRUCTURE USED:**

**Majorly BST is being used and a stack for undo purposes.**