LAPTOP STORE MANAGEMENT SYSTEM

GROUP NUMBER: 68



Features

- Low Stock Management
- Inventory Display
- Custom Sorting
- Sales History
- Stock Updates
- Sales Updates

SORTING BY

Brand
Ram
Processor
&
Combinations

TWO DIFFERENT HISTORY VIEW

- 1. Last 20 Sold-Out History
- 2. All History Updates

UPDATE STOCKS INSTANTLY

It's easy to update new arrivals using this feature



LOGIN

```
∨class Laptop {
 public:
     string Brand;
     string Processor;
     string RAM;
     int Quantity;
     int Price;
     Laptop() {
         Brand = "";
         Processor = "";
         RAM = "";
         Quantity = -1;
         Price = -1;
     Laptop(string brand,
         string processor,
         string ram, int quantity,
         int price)
         Brand = brand;
         Processor = processor;
         RAM = ram;
         Quantity = quantity;
         Price = price;
```

Laptop Class

Attributes

- 1. Brand
- 2. Processor
- 3. **RAM**
- 4. Quantity
- 5. Price

Single Linked List

```
∨class Single_liked_list
 private:
     Node* head;
     Node* tail;
     int size;
 public:
     Single_liked_list() {
         head = NULL;
         tail = NULL;
         size = 0;
     void showCase() {
     void lowStockUpdates() { ... }
     void insertLaptop(Laptop* Data) { ... }
     Laptop* updateQuantity(Laptop* Data) { ... }
```

Methods

- 1. insertLaptop()
- 2. updateQuantity()
- 3. lowStockUpdate()
- 4. showCase()
- 5. sorting_by_preferences()

Uses

- 1. To store all the Laptop info...
- 2. To store all the sold-out history

Queue

```
vclass Queue_History
 private:
     int size;
     int capacity;
     int front; // position of beginning of queue
     int rear; //position of ending of queue
     Laptop* data;
 public:
     Queue_History()
         capacity = 10;
         size = 0;
         data = new Laptop[capacity];
         front = 0;
         rear = 0;
     void deQueue() { ...
     void enQueue(Laptop* val) { ... }
     void printQueue() { ... }
```

Methods

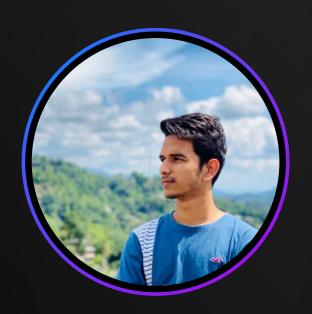
- 1. deQueue()
- 2. enQueue()
- 3. printQueue()

Use

To Maintain last 20 history updates

THANK YOU

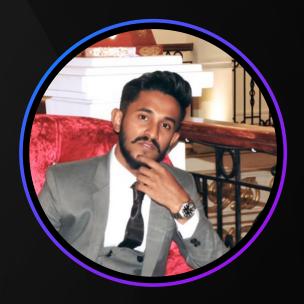
Our team



Ashfaq MRM EG/2021/4417



Munsif MFA EG/2021/4684



Shamil MKM EG/2021/4810