

Mini Project Report: Inventory Management System

1. AIM

To develop an Inventory Management System using the C programming language that allows users to add, search, view, and delete product records using file handling.

2. TOOLS USED

- Language: C
- Compiler: GCC
- Platform: Windows/Linux
- File Used: list.txt

3. CODE

4. OUTPUT

```
===== INVENTORY MANAGEMENT =====
```

- [1] Add item
- [2] Buy (delete) by name
- [3] Buy (delete) by code
- [4] Search by name
- [5] Search by code
- [6] Search by rate
- [7] View by name

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[8] View by code

[9] View by rate

[0] Exit

=====

Enter your choice: 1

Enter item code: 101

Enter item name: Pen

Enter item rate: 10.50

Item added successfully!

Enter your choice: 2

Enter name to delete: Pen

Item deleted.

Enter your choice: 7

Code Name Rate

102 Notebook 45.00

5. CONCLUSION

This mini project successfully demonstrates the implementation of a simple Inventory Management System using C. It utilizes file handling for storing records and provides basic functionalities like add, search, view (sorted), and delete operations. It is suitable for small businesses to manage stock efficiently.