A

Project Report

On

"Inventory Management System"

To

Department of Information Technology

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Abstract :

For managing the products of the inventory people required lot of paper work, so to reduce this paper usage and for efficient management of inventory product we have designed a system which helps users to efficiently manage the products in the inventory and also If required people can get the printout of the list of inventory product if they want and also they can get the softcopy of it.

Introduction:

This is the Project of Inventory management system named "Invento". The meaning of word inventory is supply or stock of something, whereas inventory management system is an approach for keeping track of the flow of inventory.

In our system, where user can manage the stocks efficiently without much manual or paper work Functions performed by this system will include adding items to stock, displaying list of stock and searching specific items in stock.

For making this project, I have used Java programming language in that I have used it's concepts like package, files, exception, string buffer and others were used. For the GUI part Swing is used. Swing is a Graphical User Interface (GUI) toolkit that includes the GUI components. Also it provides a rich set of widgets and packages to make sophisticated GUI components for Java applications.

Feature of Proposed System:

- Add item in the system
- Can see the items which is stored in the system
- Can search an item from the list of items
- Provide printout of the inventory product list
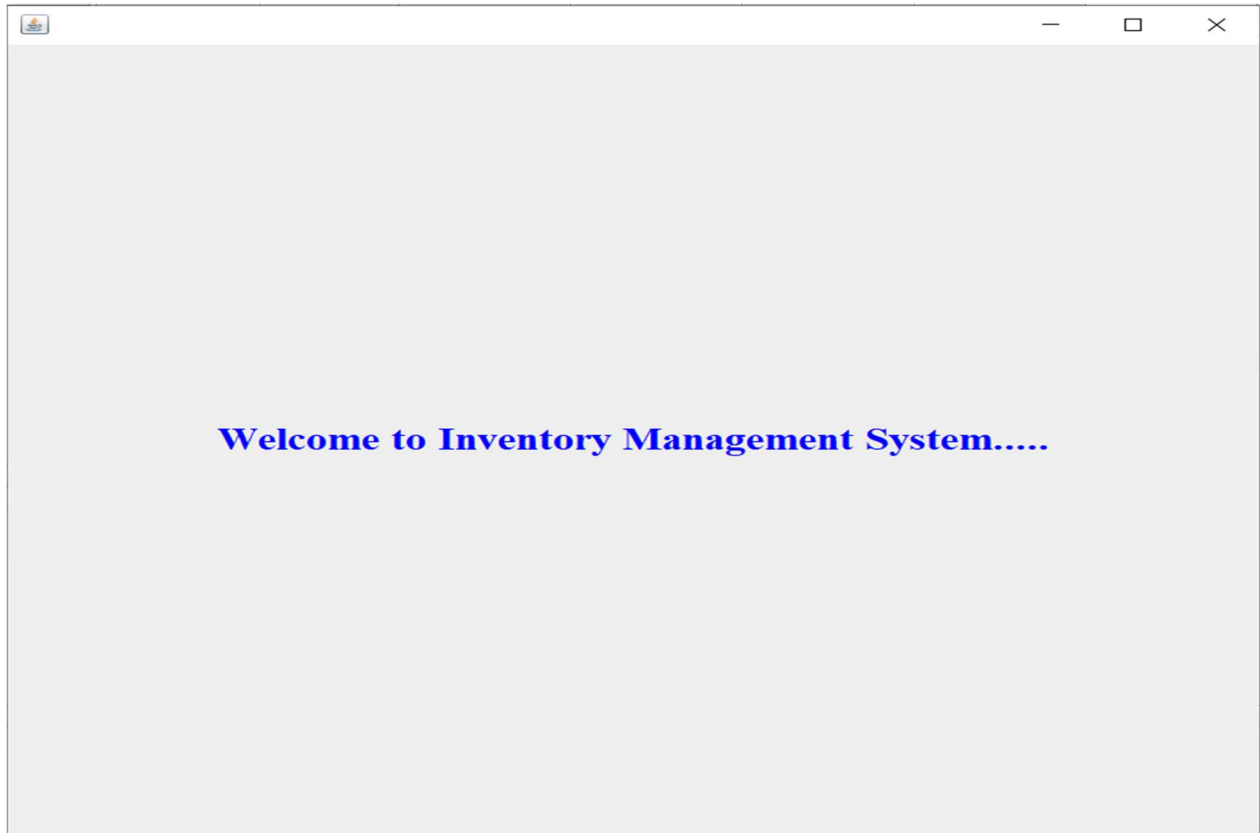- Provide the softcopy of the Inventory Product list which can be send to any devices

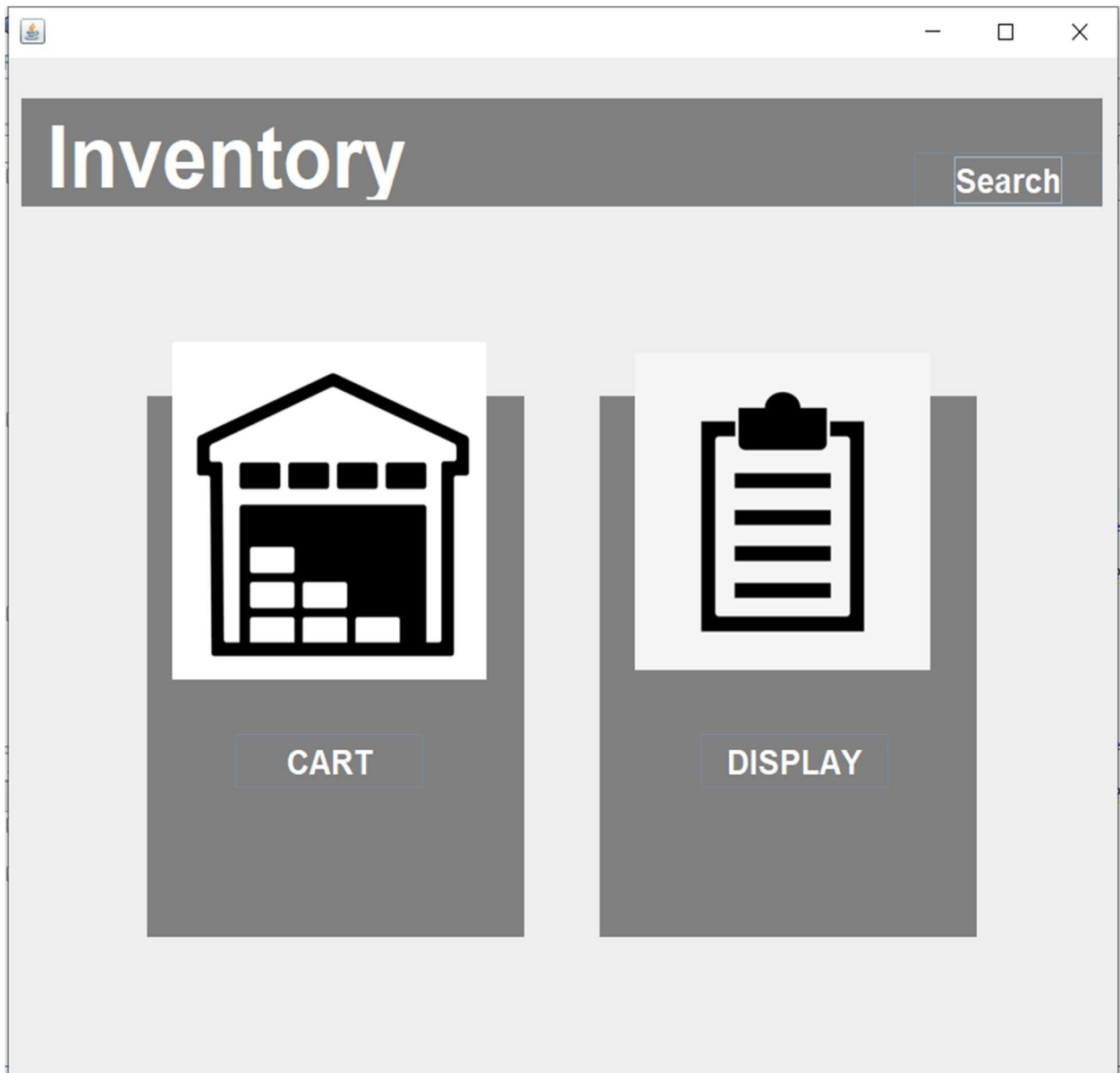## Design and Implementation Constraints:

- **Programming Language:** Java
- **GUI :** Swing (Swing in java is part of Java foundation class)
- **For storing data:** Files

System Features

- Save Time
- Efficient management
- User Friendly interface
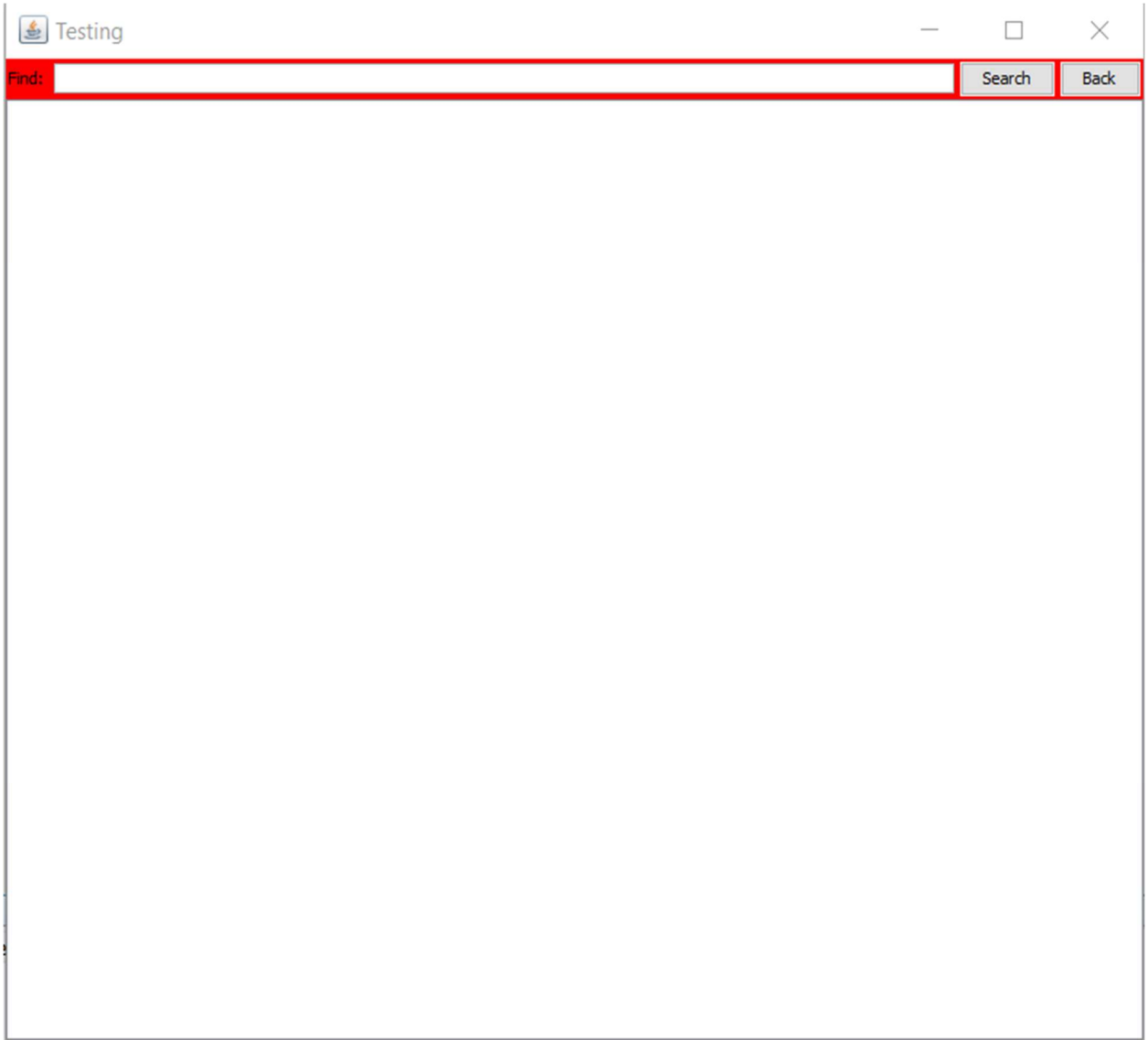
Snapshot of Inventory management System:

Welcome to Inventory Management System.....
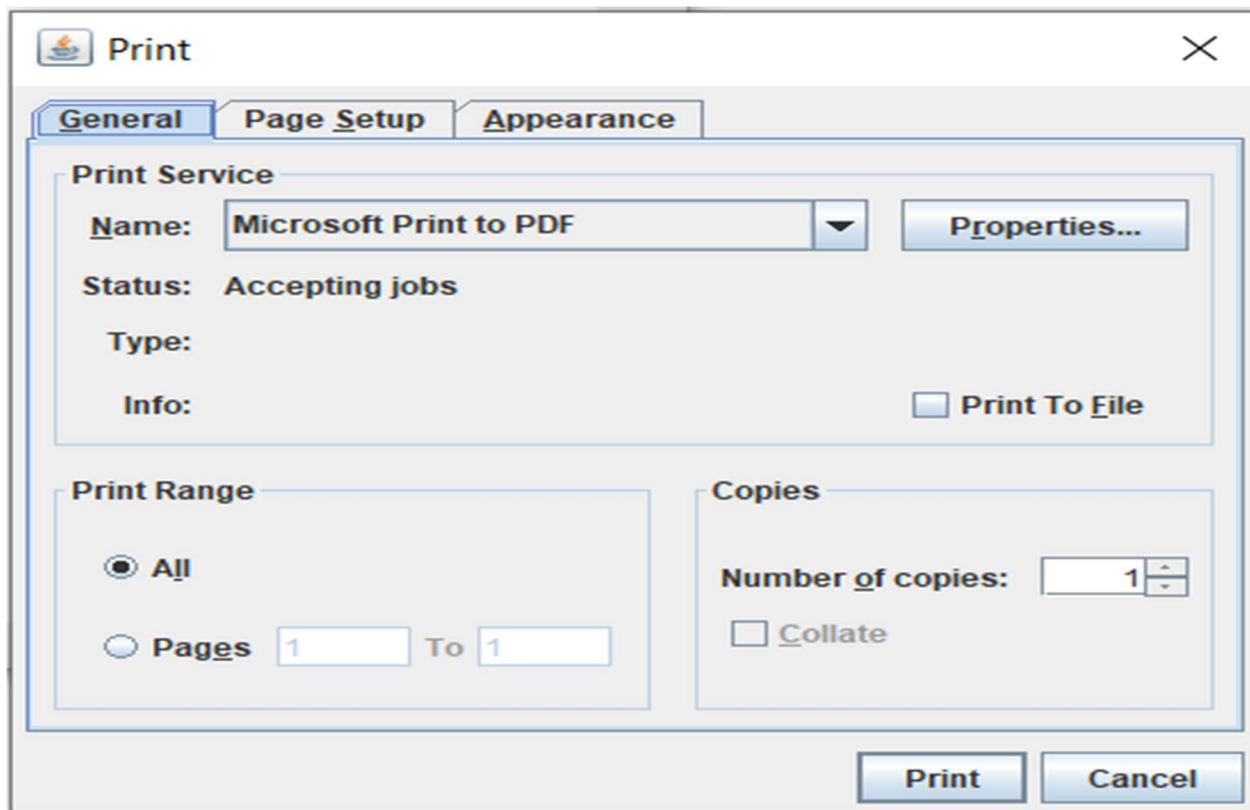
Inventory

Search

CART

DISPLAY

back

Name of Item: _____

Quantity: _____

Add

Find: | Search | Back

ham burger	4
palak penner	4
wax	1
umber	12
cake	5
ham	9
lolypop	3
pop	4
jam	1
gun	65
rin soap	22
cake	8
wax	32

DISPLAY ITEMS LIST

Back   **Print**

Conclusion:

Hence we have performed this project successfully on Inventory management system by using java concepts like package, files, exception, stringbuffer, event handling , swing and others.