

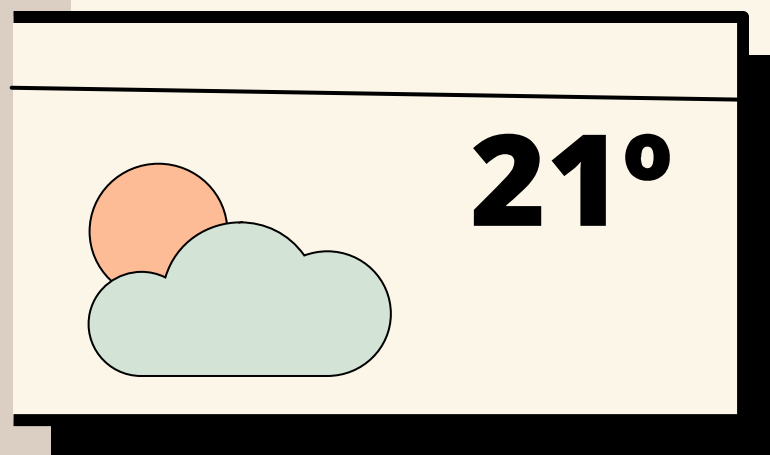
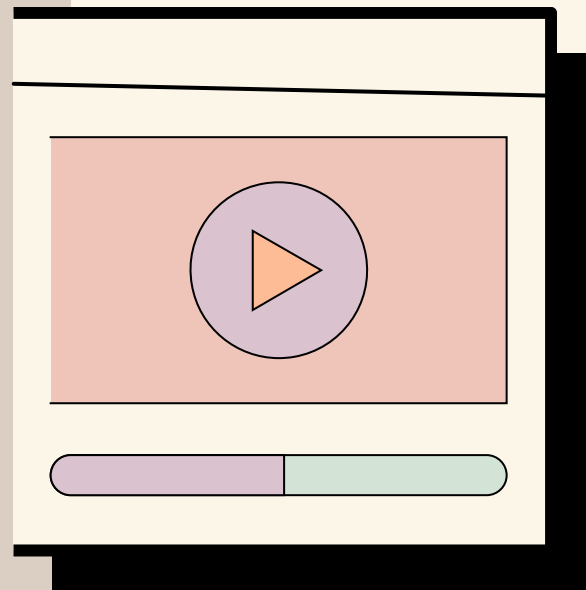
# STATIONARY SHOP INVENTORY MANAGEMENT SYSTEM

RAGHUL KRISHNA K.N  
09 07 2024

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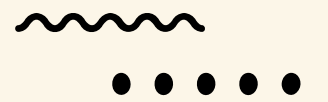


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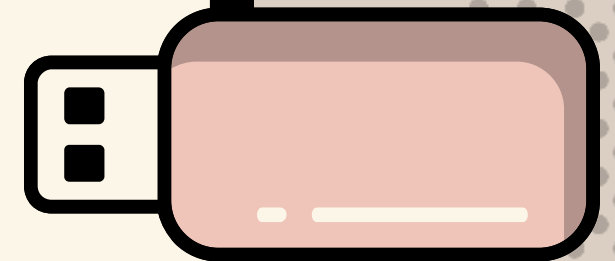
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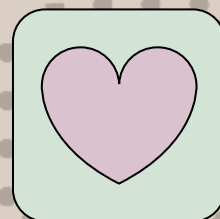
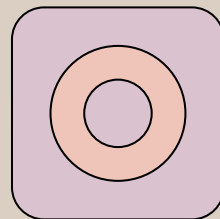
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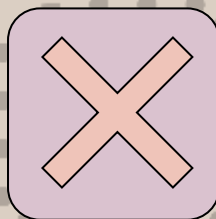
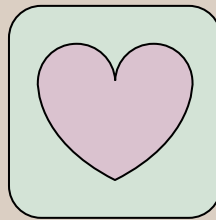
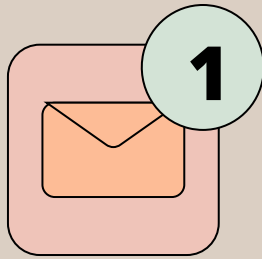
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# AIM OF THE PROJECT

Implement an efficient inventory management system.



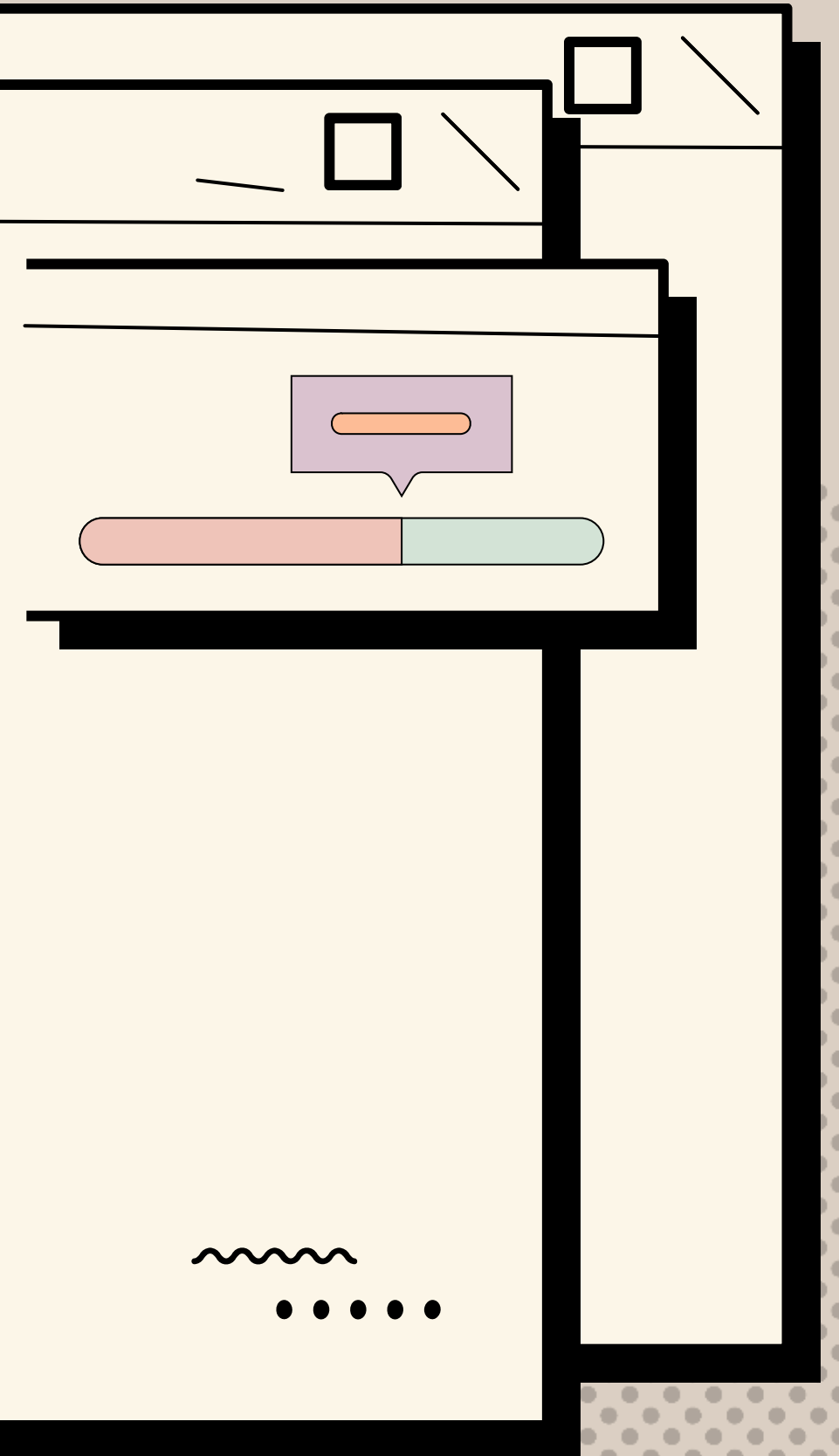


Improve stock management accuracy.

Streamline sales tracking

Enhance user interface for ease of use.

NEXT

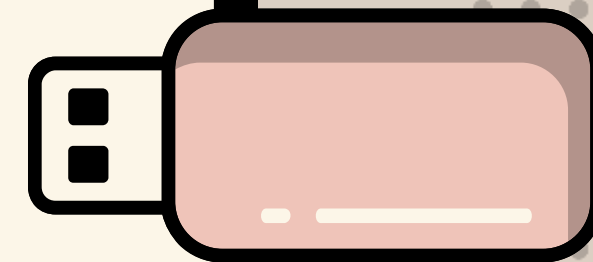


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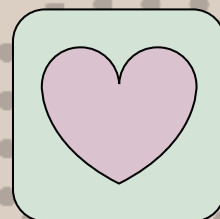
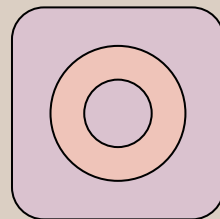
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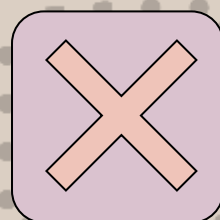
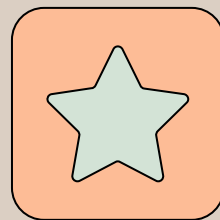
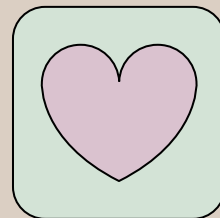
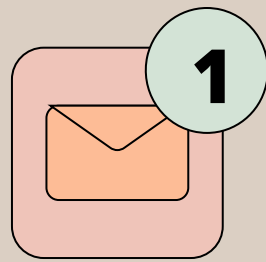
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# PROBLEM STATEMENT

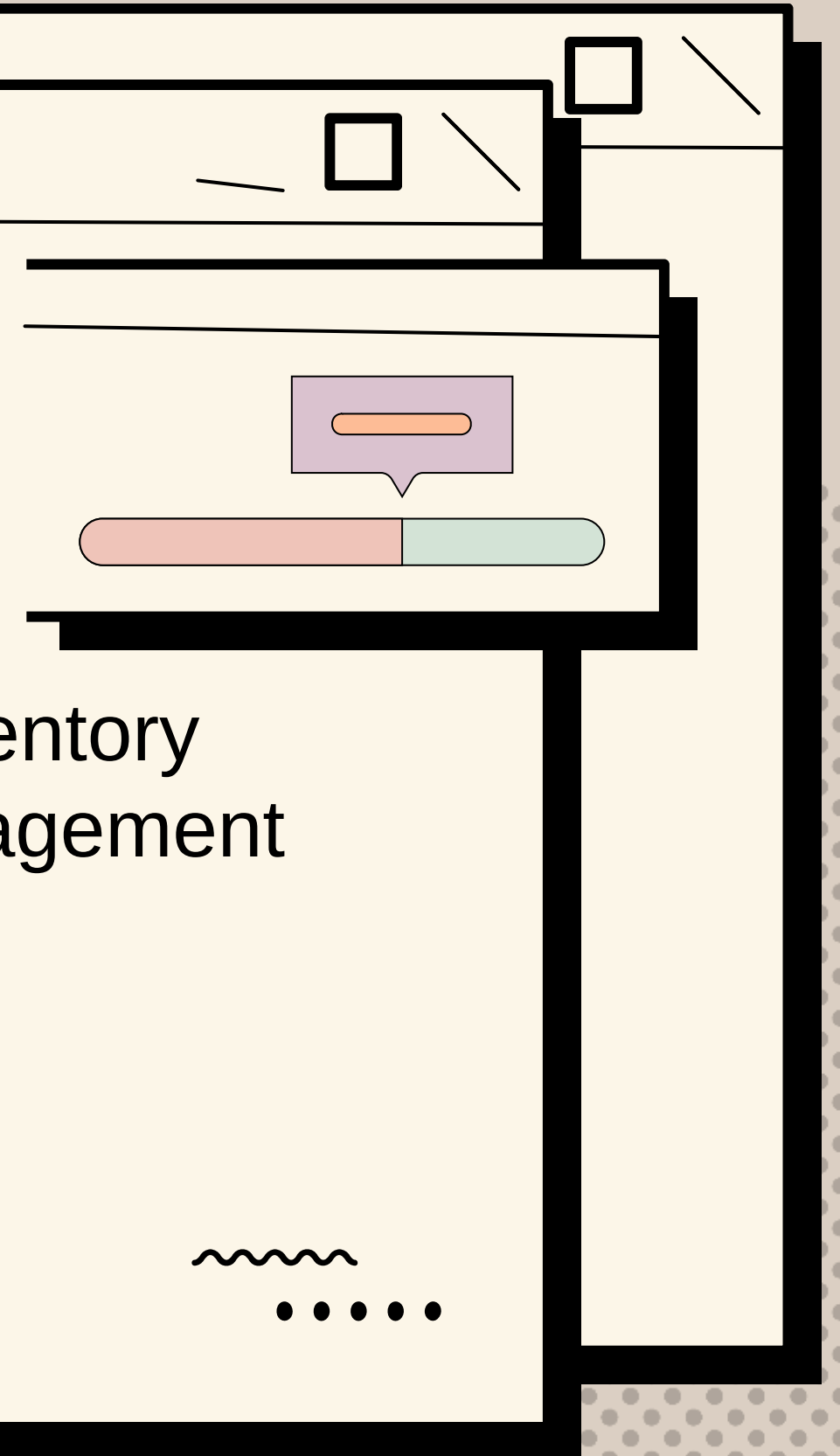
The current inventory and sales management practices in many stationery shops are inefficient and prone to errors.





The stationary shop lacks an organized inventory system, leading to inefficiencies in stock management and sales tracking.

NEXT

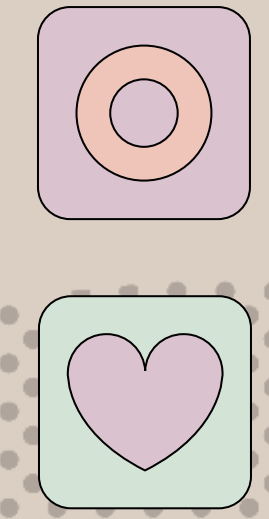




03



# INVENTORY MANAGEMENT



Inventory Management System aims to provide a user-friendly and robust solution for managing inventory and sales operations within a stationery shop.



# Inventory Management:



## **display\_stock():**

This function provides a clear view of the current stock levels for each item in the inventory. This information is crucial for managing inventory effectively and making informed decisions about restocking or adding new items.

## **add\_item(item, quantity):**

This function allows for the addition of new items to the inventory. This is essential for expanding the product selection and catering to customer demands.

## **restock\_item(item, quantity):**

This function enables the replenishment of existing items in the inventory after sales or to maintain a healthy stock level. It helps prevent stockouts and ensures product availability for customers.





# FUNCTIONALITIES



# Main Functionalities



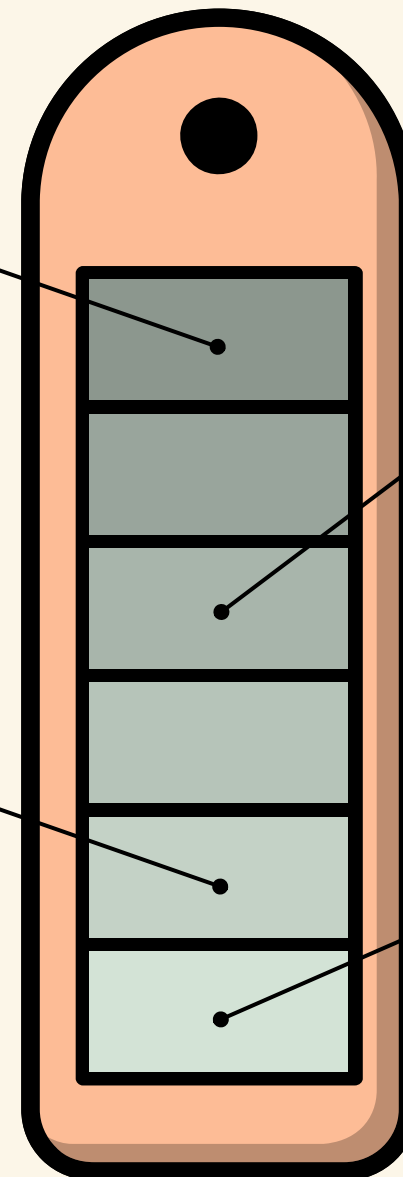
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Display current  
stock levels

Sell items and  
update stock  
sales records.

Add new items  
to inventory.

Restock existing  
items.



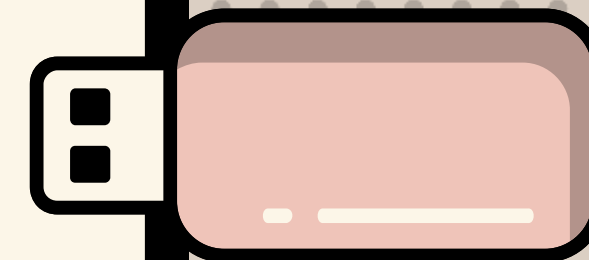
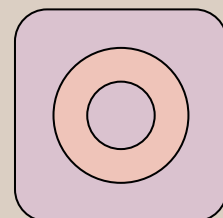
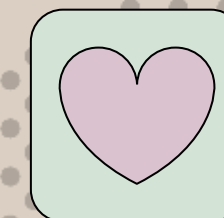
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# SALES MANAGEMENT



# Sales Management



- **sell\_item(item, quantity):** This function handles the core functionality of selling items. It checks for item availability, validates the quantity, updates the stock level, and records the sale. This function directly impacts sales figures.

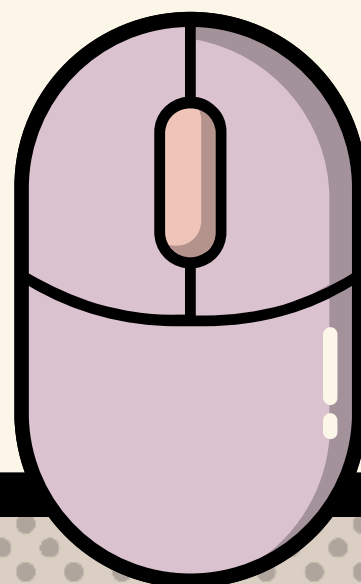
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**display\_sales():**  
This function provides a view of the total sales for each item. It allows for analyzing sales performance, identifying popular items, and potentially making adjustments to inventory or pricing strategies.





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# CONCLUSION



THE PROJECT'S GOAL WAS TO SIMPLIFY INVENTORY MANAGEMENT PROCESSES, BOOST STOCK TRACKING ACCURACY, AND ENHANCE OPERATIONAL EFFICIENCY IN THE SIMULATED SETTING.



THANK YOU!

