Ideation Phase
Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID20096
Project Name	Retail Stock Store Inventory Analytics
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

⏱ 5 minutes

PROBLEM

To provide analysis and simplify the process of Stock Inventory Management in Retail Stores

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Brainstorm

Write down any ideas that come to mind that address your problem statement.

⏱ 10 minutes

Vasanth R

Analyze the price history of items	Prevent Understock/ Overstock	Easy to Use
Correctness of actual stock	Proper Alerts to the retailer on restocking	
Analytical Tools to predict Items in demand		

Madhan C

Automate the process of restocking	Clean interface and easy to use	Check the equality of the physical stocks.
	Identify the items which are in demand	Predict whether there is a need to increase the stock storage
		Improve Sales prediction algorithm to restock goods

Sanjeev Kumar M

Ensure User experience metrics are followed		
Restocking of goods before a threshold	To assign unique ID to each store item for security	
Applying typography measures to the UI	Proper visualization of available Stocks	Integrity of the Data being provided.

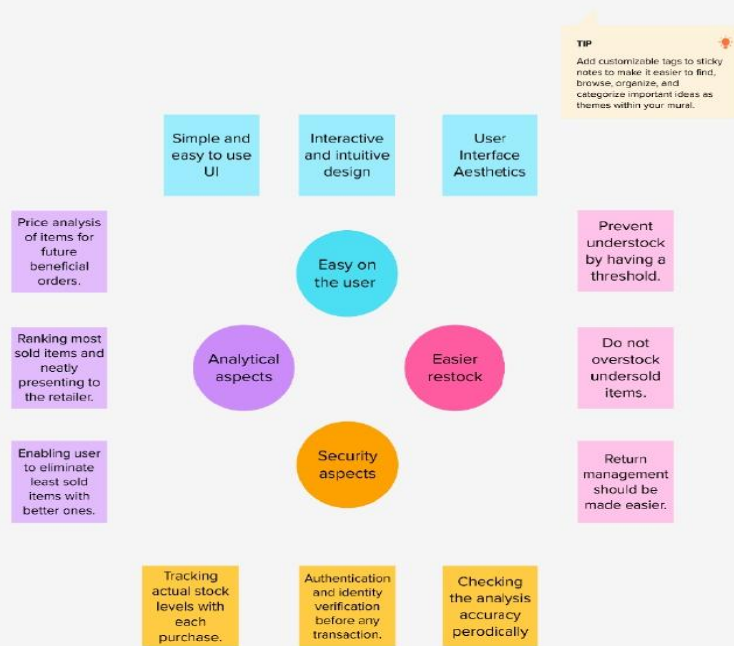### Matheshwara Kumar K

		Simplified and easy to understand UI
	Analyze stock value and item prices	Examine gross margin trend to satisfy user expectation
Tracking Stock levels over time with each transaction	Tracking location inorder to minimize/ prevent theft	Having a clear return management system to

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Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

🕐 **20 minutes**

Simple and easy to use UI

Interactive and intuitive design

User Interface Aesthetics

Price analysis of items for future beneficial orders.

Easy on the user

Prevent understock by having a threshold.

Ranking most sold items and neatly presenting to the retailer.

Analytical aspects

Easier restock

Do not overstock undersold items.

Enabling user to eliminate least sold items with better ones.

Security aspects

Return management should be made easier.

Tracking actual stock levels with each purchase.

Authentication and identity verification before any transaction.

Checking the analysis accuracy perodically

Step-3: Idea Prioritization