

# Retail Store Stock Inventory Analytics

## Brainstorming

Team ID: PNT2022TMID21488

Team Members:

Roll Number	Name
917719IT025	Dixon J Antony A
917719IT073	Ragul M GA
917719IT093	Siddharth S
917719IT101	Sreesh N

### Brainstorm & idea prioritization

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.

10 minutes to prepare  
 1 hour to collaborate  
 2-8 people recommended

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**Before you collaborate**

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

10 minutes

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**A Team gathering**  
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

**B Set the goal**  
Think about the problem you'll be focusing on solving in the brainstorming session.

**C Learn how to use the facilitation tools**  
Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) →

**1 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

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**PROBLEM**

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

**Key rules of brainstorming**

To run an smooth and productive session

- Stay in topic.
- Encourage wild ideas.
- Defer judgment.
- Listen to others.
- Go for volume.
- If possible, be visual.

**Need some inspiration?**

See a finished version of this template to kickstart your work.

[Open example](#) →

2

**Brainstorm**

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

🕒 10 minutes

**TIP**

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

**Dixon J Antony A**

Analyze the price history of items	Prevent Understock / Overstock	Well structured visualization of available/ sold stocks
Easy to use	Proper alerts to the retailer on restocking	Analytical tools to predict items in demand
Correctness of actual stock and displayed stock		

**Ragul M GA**

Analyzing items that are frequently bought together.	Restocking of goods before a threshold.	To assign unique ID to each store item for security
Proper visualization of available stocks.	Applying Typography measures to the UI	Integrity of the data being provided.
		Ensure User Experience metrics are followed

**Siddharth S**

Improving sales forecast helps to reduce storage cost & decide which product to order in		
Examine gross margin trend to satisfy user expectation	Simplified and easy to understand UI	Analyze stock value and item prices
Tracking stock levels over time with each transaction	Tracking location in order to minimize / prevent theft & fraud	Having a clear return management system to know exactly how many items you have in stock

**Sreesh N**

		Improve sales prediction algorithm to restock goods
Automate the process of restocking.	Check the equality of the physical stocks available.	Clean interface and easy to use.
improve analysis algorithm to replace the least sold item with a new item to improve sales	Predict whether there is a need to increase the stock storage to cope up with the sales	Identify the items which are in demand to ensure their availability

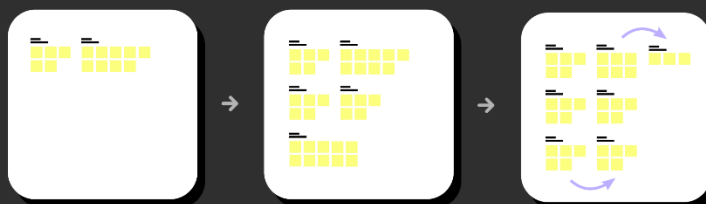
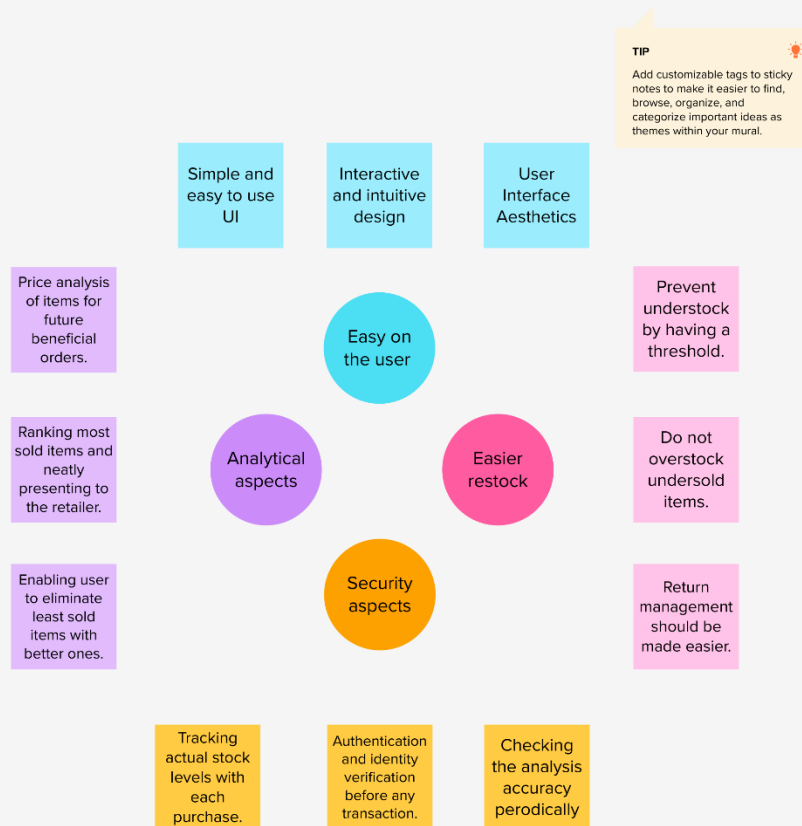


3

### 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



4

**Prioritize**

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

🕒 20 minutes



→

**After you collaborate**

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

**Quick add-ons**

- A Share the mural**  
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- B Export the mural**  
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

**Keep moving forward**

- Strategy blueprint**  
Define the components of a new idea or strategy.  
[Open the template →](#)
- Customer experience journey map**  
Understand customer needs, motivations, and obstacles for an experience.  
[Open the template →](#)
- Strengths, weaknesses, opportunities & threats**  
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.  
[Open the template →](#)

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