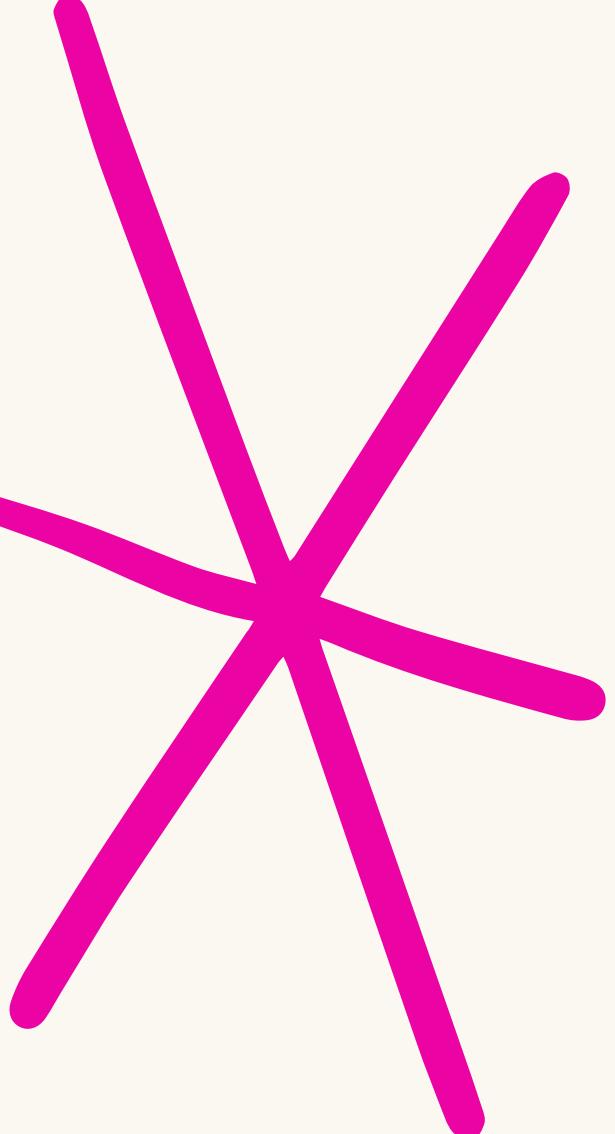
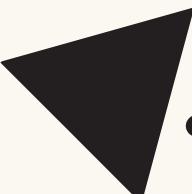


INVENSTORY



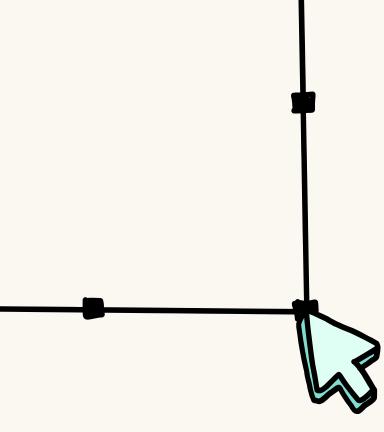
Presented By A_G1_P3
Kaavay Gupta
Kavya
Ishaan Raj
Kush Tokas
Harsh Kumar Sahni



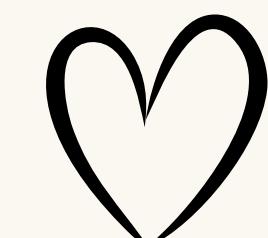
WELCOME TO INVENSTORY

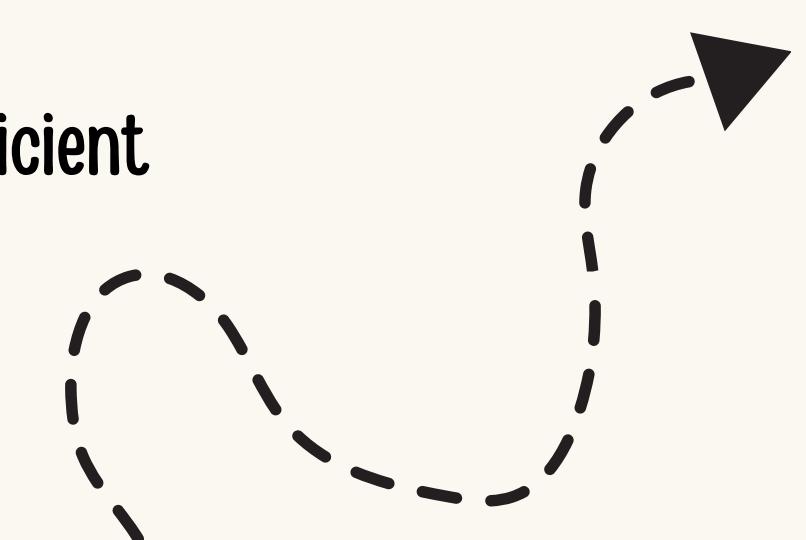


Invenstory is intended to give companies of all sizes effective control over their inventories. It makes use of demand forecasting, real-time tracking, and strong integration features to streamline inventory management, cut expenses, and improve overall operational effectiveness.



Background

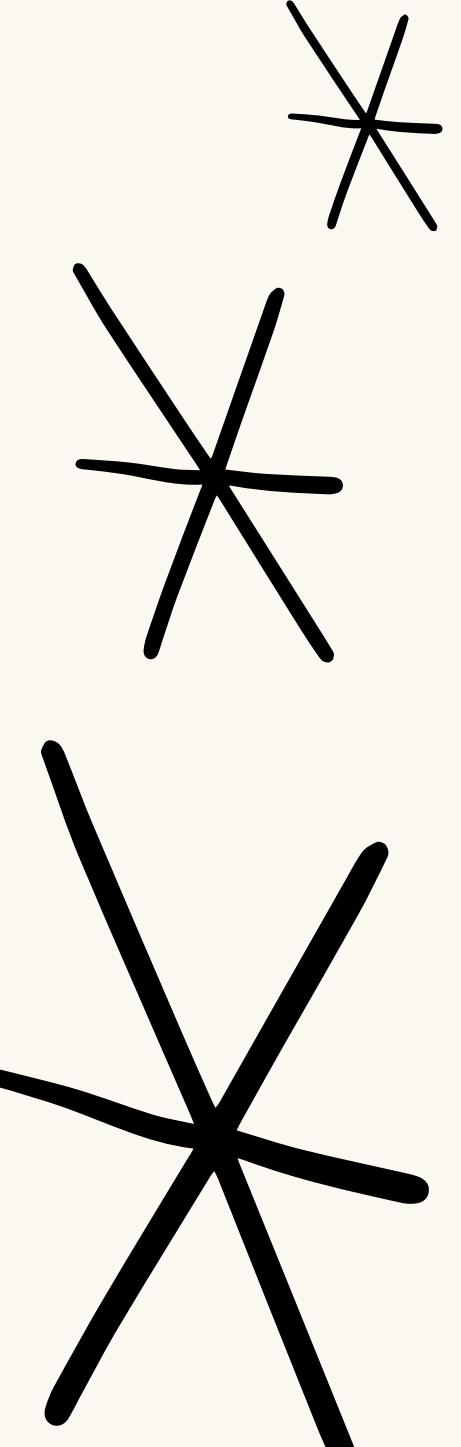


- Businesses grapple with inefficient inventory management leading to stockouts and overstocking, affecting sales and profits.
 - Traditional methods relying on human input and irregular counts introduce inaccuracies.
 - The COVID-19 crisis emphasized the need for adaptable inventory systems due to supply chain vulnerabilities.
 - Precise, real-time inventory tracking is pivotal for informed decisions and optimized supply chains.
 - Inflexibility in adapting to market changes leads to financial losses for many companies.
 - Streamlining inventory processes can enhance cash flow and competitiveness for businesses of all sizes.
 - Manual nature hinders traditional inventory control, necessitating more efficient, automated solutions.
 - Access to modern technology for small businesses and shopkeepers is crucial for efficient operations and improved standards of living.
- 

PROBLEM STATEMENT

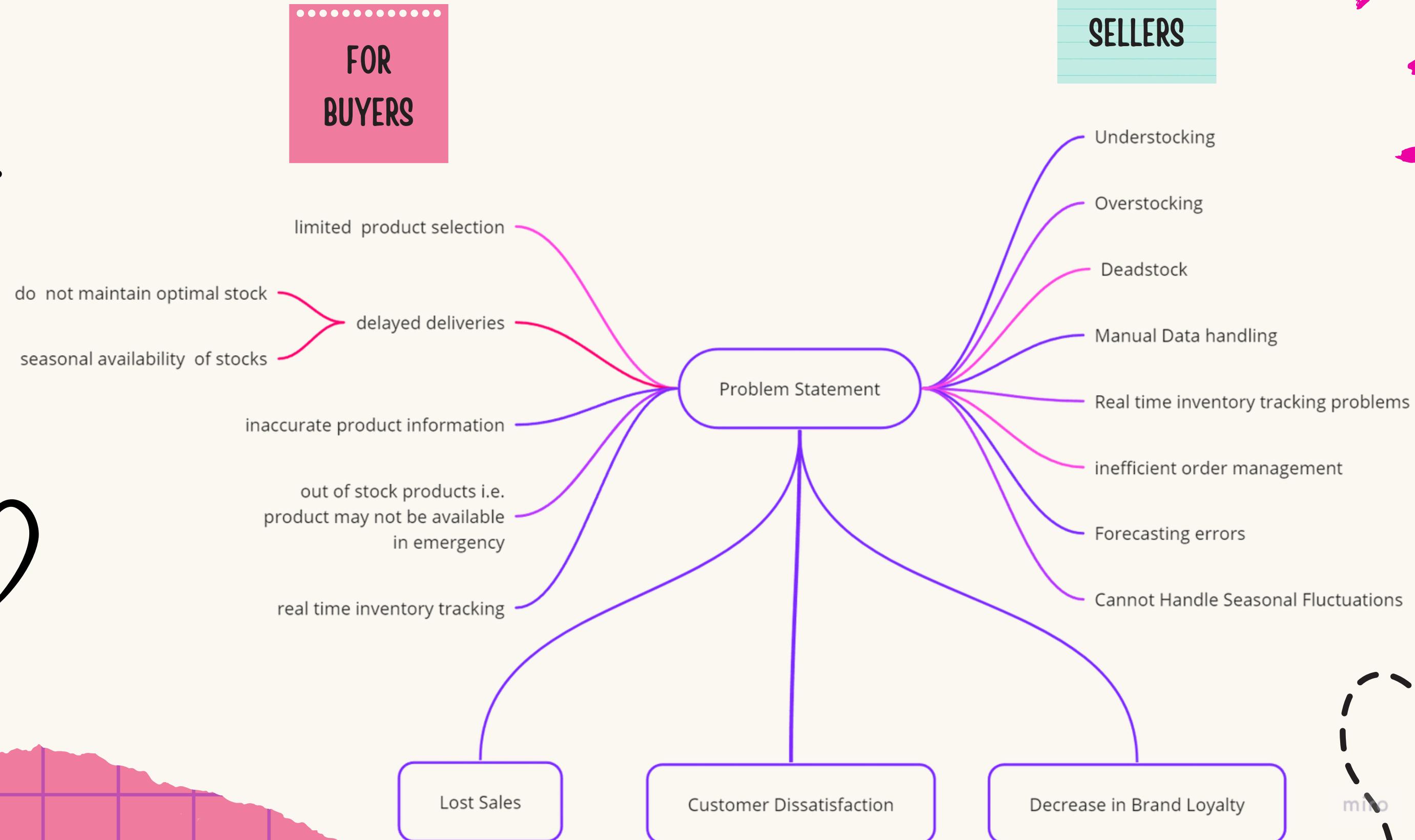
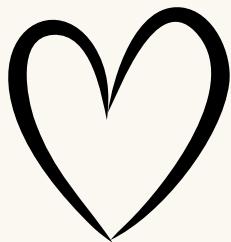
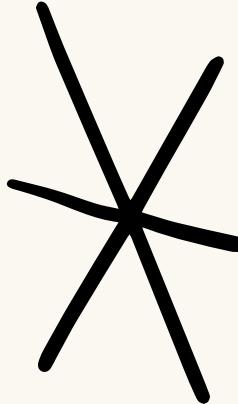
- Manual inventory control limits business scalability, causing overstocking and understocking.
- Leveraging AI can empower local businesses for streamlined operations.
- INVENSTORY caters to various industries, optimizing inventory, cutting costs, and enhancing efficiency for enterprises of all sizes.

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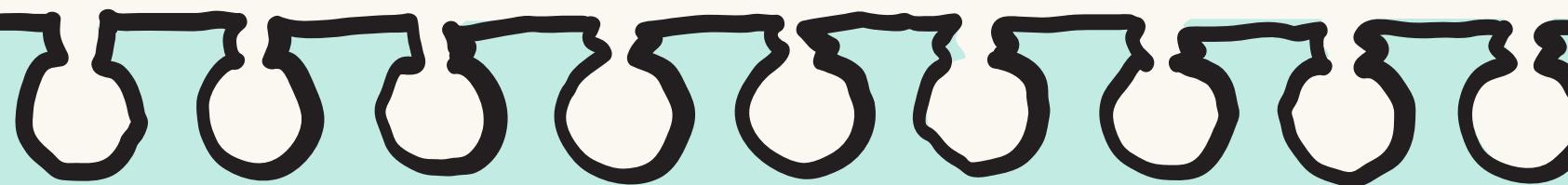


PROBLEM STATEMENT

MIND MAP



mito



BRAINSTORMING

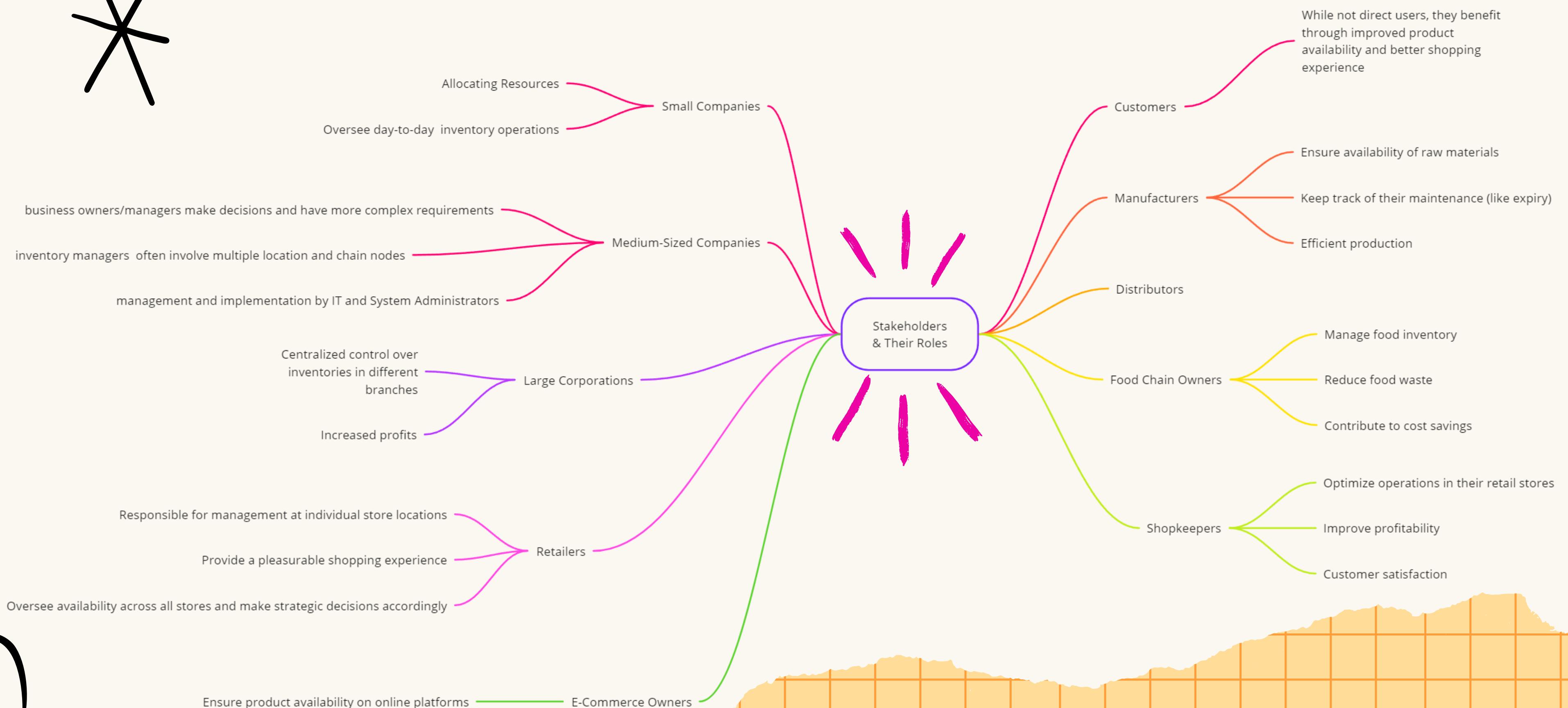
HOW WE PLAN TO FULFILL

- **Inventory tracks inventory in real-time using RFID, barcoding, or IoT.**
- **Machine learning predicts demand from sales data.**
- **Integrates POS, e-commerce, and procurement systems.**
- **User-friendly interface via rigorous testing.**
- **Robust security features safeguard sensitive data.**
- **Optimized order generation with machine learning.**
- **Alerts for stock and customizable notifications.**
- **Assistance through chatbots and tech support.**
- **Hierarchical inventory for multiple locations and currency conversions.**



STAKEHOLDERS & THEIR ROLES

MINDMAP



DEFINING THE ACTUAL PROBLEM

Discovering...

It is an initial phase where we all started to think upon several ideas and many of them were dumped but we kept on thinking hand full of new problems everyday

Failures On Board

while our discovery was on the go we have dumped and improved upon several ideas such as : RECYCLE IT!, TRAFFIC MANAGEMENT SYSTEM ,DAILY SERVICES APP etc

Collaboration

This project gave an opportunity to know each other well and work on several application to share our thoughts and collaborate together such as MIRO ,FIGMA,WHATSAPP,GOOGLE MEET,ZOOM etc

STAGES OF EXECUTION

LO-FI

when we proceeded to create a low info type paged sheet prototype which aims to depict initial whereabouts and an feedback themed prototype base model

R-EFINED LO-FI

when we proceeded to create a low info type paged sheet prototype which aims to depict initial whereabouts and an feedback themed prototype base model

HIGH-FI

It is at the final stages of development where we tend to work on finishing minor defects to present a full all functional prototype such that it works as per user requirements which would now go for evaluation and feedback for final changes if there as per the users .

Feedback Analysis

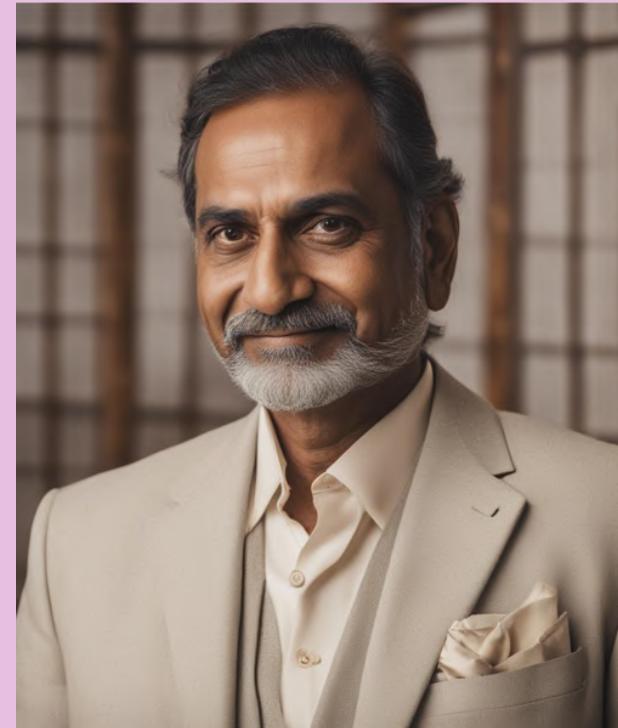
As this is an crucial process that is common to refine after each major step of designing is to learn from feedback results and then to improve upon is essentially a loop

PERSONAS



GRACE
**A LOCAL DAIRY FARMER IN
AUSTRALIA**

**"HOPES IS WHAT PUSH ME UP
TO GO ON."**



MR. SUBRAMANUM
**A RICH LAD SERVING TO TREAT
HUNGER AT A GOOD PRICE WITH
QUALITY**

**"I DON'T KNOW IF I'M SERVING
GOOD BUT I 'LL DO BEST TO GIVE THE
BEST "**



ARVIND KUMAR
**A LOCAL DAILY OWNER IN SOME
LESS FUTILE AREA**

**"I WILL CONTINUE TO FIGHT TO
CONQUER."**



RONIT ROY
**AN ALL IN ONE MART OWNER
SELLING ALL TYPES OF GOODS**

**"NO MATTER HOW LONG I FAIL
BUT I WILL STAND TALL COZ I
BELIEVE IN MYSELF"**



About the User

Grace works hard as a dairy farmer in a peaceful small town. She is really proud of her small-scale dairy farm and the fresh, premium dairy products it produces for her neighborhood.

Goals and Needs

- **Inventory Management:** to maintain track of her dairy goods, avoid under- or overstocking.,
- **Expiration Tracking:** She requires a system to keep an eye on expiration dates
- **Order Management:** Order confusion and disgruntled customers can be prevented .
- **Time for Farming**

Name	Grace
Age	46 years old
Occupation	farmer
Location	Melborne
Income Range:	\$30,000 - \$40,000

Personality

1. Scrupulous
2. Flexible:
3. Resilient
4. Client-focused
5. Connected to the Land

Problems

- 1. **Manual Human Errors:** She has made innumerable mistakes in her manual management of her dairy farm.
- 2. **Concerns about rotting:** Inadequate monitoring of expiration dates has resulted in product spoilage, wasting resources and costing money.
- 3. **Delivery Issues:** A significant local restaurant order went wrong because of a miscommunication in the paperwork, which damaged her reputation and left a well-known client dissatisfied.
- 4. **Lack of Time:** She has less time to devote to her farming and client relations because manual processes have taken up a large portion of her time.



About the User

In the Harkesh Nagar area, **Arvind Kumar** is a local business owner who supplies the neighborhood's daily needs. His store, "Arvind Daily," has long been a fixture in the neighborhood, meeting everyone's everyday requirements.

Goals and Needs

- Effective Inventory Management:** to avoid understocking and overstocking problems .
- Consistent Pricing Strategy:** to offer competitive and stable prices in the face of variable supplier rates.
- Better Supplier partnerships:** Strong partnerships to guarantee prompt deliveries, constant quality, and efficient communication.
- Optimized Inventory Space:** to manage space effectively to remove slow-moving items and make room for seasonal products.

Name	Grace
Age	35 years old
Occupation	Arvind Daily store
Location	Harkesh nagar
Income Range:	\$35,000 - \$45000

Personality

1. Devoted: to meet the requirement
2. Adaptable
3. Determined
4. Customer-Centric
5. Efficiency-Seeker

Problems

- Inventory Challenges:** Daily track of seasonal product is challenging.
- Pricing Complexities:** Maintaining competitive pricing while dealing with frequent fluctuations in supplier rates is a constant struggle.
- Supplier Setbacks:** Managing several suppliers' communication breakdowns and late deliveries makes day-to-day operations more difficult.
- Paperwork Burden:** Order forms, receipts, and invoices are just a few examples of the heavy paperwork that takes up time and space.



About the User

Ronit Roy, the proprietor of a multipurpose store in the busy Connaught Place neighborhood of Delhi, has devoted his professional life to offering a broad variety of goods, ranging from everyday necessities and apparel to paint and hardware. His business serves the community's many requirements as a one-stop shop.

Goals and Needs

- Effective Inventory Management:** To guarantee that products are neatly arranged and easily accessible for clients.
- Pricing Strategy:** Struggle to keep profit margins across a range of product categories .
- Supply Chain Optimization:** To guarantee on-time delivery and reduce interruptions.
- Staffing Solutions:** Hiring enough people and making sure they are knowledgeable enough to help clients with a variety of products is a top concern.

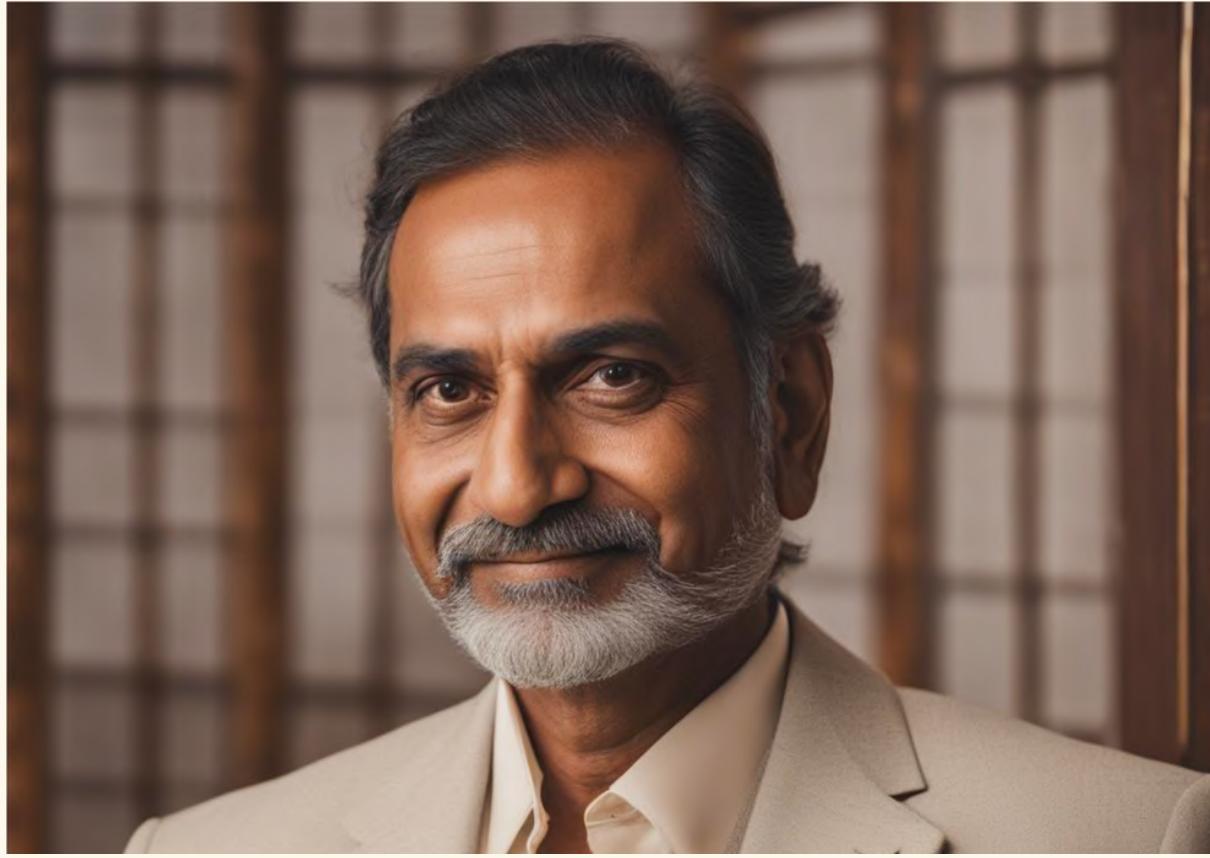
Name	Ronit Roy
Age	38 years old
Occupation	Big store owner
Location	C.P Delhi
Income Range:	\$60,000 - \$85,000

Personality

1. Creative
2. Flexible
3. Determined
4. Client-focused
5. Seek Efficiency

Problems

- Inventory Organization:** Keeping a variety of products organized and in the proper balance of inventory is a big task.
- Pricing Complexities:** Varying supplier prices and the requirement for competitive pricing create pricing conundrums that have an impact on profit margins for businesses.
- Supply Chain Hiccups:** Inconsistent quality, missing deliveries, and poor supplier communication lead to supply chain management problems.
- Time Administration:** Ronit finds it difficult to juggle a busy schedule and a varied business, which leaves little time for hobbies.



About the User

Mr. Subramanium, who is often called "Mr. Subra" is the proprietor of a well-known multi-cuisine restaurant situated in the busy center of Delhi. He has devoted his professional life to the culinary arts and has a strong love for producing a wide variety of foods that satisfy his clients' shifting tastes.

Goals and Needs

- 1. Seasonal Fluctuations:** Planning and inventory are hampered by changing customer preferences on a seasonal basis.
- 2. Component Expenses:** to consistently price dishes and maintain profit due to the shifting costs .
- 3. Supplier Coordination:** Last-minute changes and shortages of supplies may result to satisfy the menu's fluctuating demands.
- 4. Inventory Imbalances:** Food waste and lost opportunities are result of inadequate inventory management of materials and supplies.

Name	M.Subramanium
Age	59 years old
Occupation	Food chain owner
Location	Cyberhub Delhi
Income Range:	\$150,000 - \$200,000

Personality

1. Newsworthy
2. Flexible
3. Sturdy:
4. Client-focused
5. Seek Efficiency
- 6.punctual

Problems

- 1. Inventory Organization:** Keeping a variety of products organized and in the proper balance of inventory is a big task.
- 2. Pricing Complexities:** Varying supplier prices and the requirement for competitive pricing create pricing conundrums that have an impact on profit margins for businesses.
- 3. Supply Chain Hiccups:** Inconsistent quality, missing deliveries, and poor supplier communication lead to supply chain management problems.
- 4. Time Administration:** Ronit finds it difficult to juggle a busy schedule and a varied business, which leaves little time for hobbies.

GRACE

A local dairy farmer



Grace struggled with outdated dairy product management methods, relying on tattered notebooks and spreadsheets. This manual process led to stock imbalances, frustrating her loyal customers and eating into her profits. Dairy products often went to waste due to expiration, causing heartaches.

"Delivery Dilemmas" narrates a major setback when Grace missed a restaurant order due to a paperwork mix-up, tarnishing her reputation.

"The Turning Point," Grace, feeling stuck, discovered an automated inventory management system for small-scale farmers like her. Despite initial doubts about adapting to new technology, her struggles pushed her to try it.

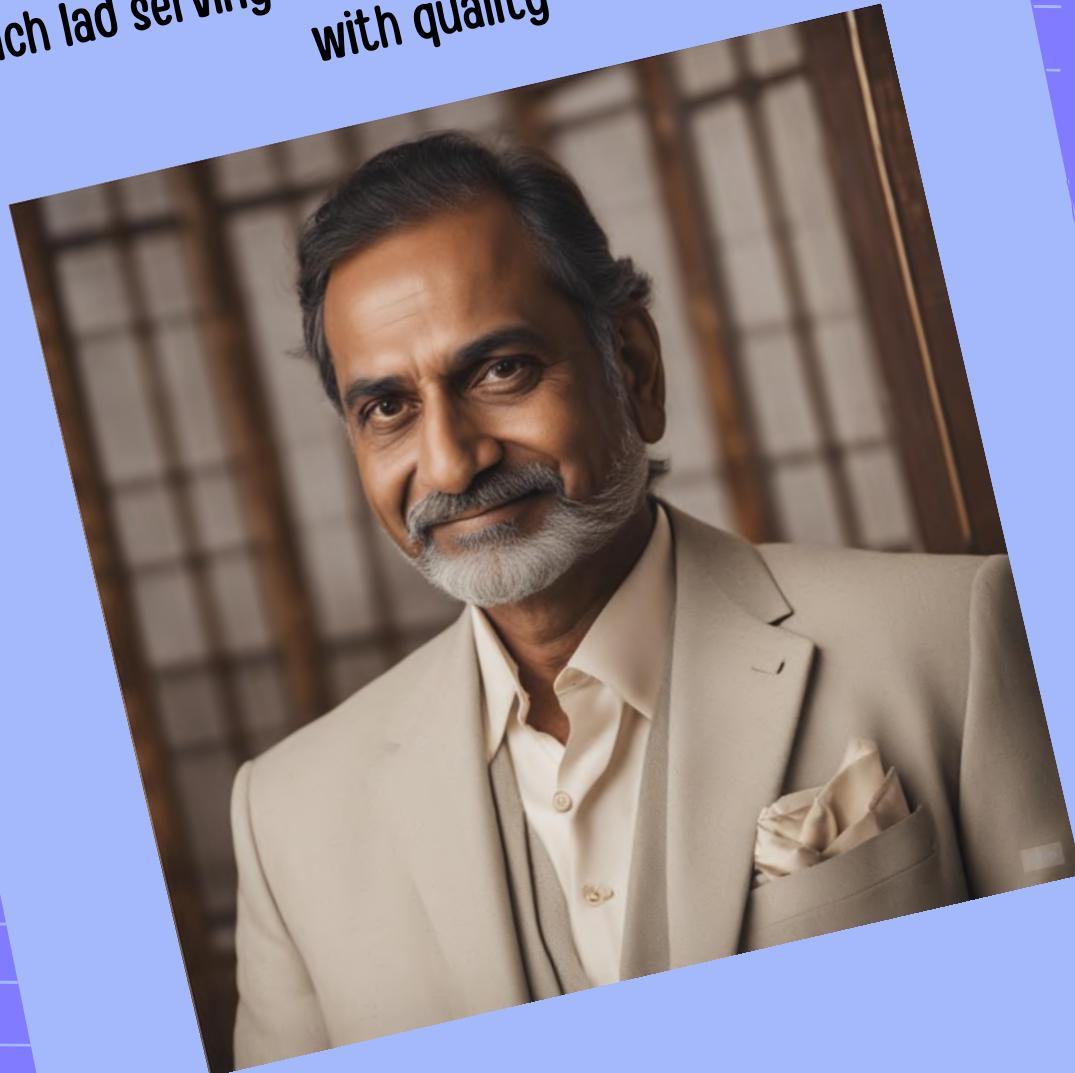
"A Beacon of Hope" describes how implementing the system had an immediate impact. Her inventory became accurate, and she received timely alerts about products nearing expiration. This newfound efficiency allowed her to track orders seamlessly, giving her more time for her farm and customers.

"Rising Success" shows the transformation in Grace's dairy business. Freed from manual errors, her products rarely went to waste, orders were processed efficiently, and her reputation as a reliable dairy farmer grew. Her dreams of expansion finally began to take shape, marking a remarkable journey from frustration to success.



MR SUBRAMANIAM

A rich lad serving to treat hunger at a good price
with quality



Nestled in the heart of bustling Delhi, a renowned multi-cuisine restaurant faced a recurrent dilemma intricately woven into the tapestry of seasonal shifts in customer tastes. "Seasonal Surge" showcased the ebb and flow of culinary desires. Vegetarian and non-vegetarian dishes vied for the spotlight, each reigning supreme during different seasons, leaving the restaurant to dance to the tune of changing appetites. "Supplier Shortfalls" revealed the challenge of managing suppliers when seasons dictated the menu. Coordinating the influx of specific ingredients during peak seasons often led to supply shortages, leaving the restaurant to make last-minute adjustments and compromises. "Inventory Imbalances" portrayed the struggle of maintaining the delicate balance of ingredients and supplies to cater to unpredictable demands, leading to food wastage and missed opportunities with each season's shifting palette. "Pricing Predicaments" was an exploration of pricing complexities. The fluctuating costs of seasonal ingredients and the need to manage competitive pricing for diverse dishes necessitated constant adjustments, threatening profit margins. The "Turning Point," the restaurant owner realized the need for a solution. They took the leap into the world of technology, seeking an integrated inventory management system to tackle these seasonal challenges and meet year-round customer preferences. A "Game-Changer" detailed the transformative power of the integrated inventory management system. Real-time tracking adapted seamlessly to seasonal fluctuations, while supplier integration streamlined orders and empowered control over deliveries, pricing, and ingredient variations. A "Flourishing Restaurant" celebrated the restaurant's revival. Efficient kitchens, fewer supplier hiccups, and agile inventory management allowed for culinary delights throughout the year. Pricing complexities were tamed, ensuring consistent profit margins and culinary delights to satisfy every palate.

ARVIND RUMAR

A local daily owner in some less futile area



In the heart of Harkesh Nagar, Arvind Kumar owned "Arvind Daily," a local shop specializing in daily commodities. His journey was marked by a series of challenges that extended beyond inventory management.

"The Daily Dilemma" unveiled Arvind's struggle with inventory management, compounded by the seasonal nature of some products. Surpluses and shortages seemed impossible to predict, creating a constant headache. "Price Tag Panic" delved into Arvind's pricing challenges. Frequent changes in supplier rates and a demand for competitive pricing made maintaining consistent pricing a difficult task. He often had to make on-the-fly pricing decisions, risking margins and customer satisfaction. "Supplier Setbacks" highlighted Arvind's less-than-smooth supplier relationships, plagued by late deliveries, inconsistent quality, and communication gaps. Managing multiple suppliers and their products became a juggling act. "Inventory Inefficiencies" revealed that Arvind grappled with storage space constraints and slow-moving items that tied up capital beyond overstocking and understocking. "Paperwork Purgatory" showcased Arvind's mountain of paperwork, from order forms to customer records, which devoured space and time, impeding innovation and growth. The "Turning Point," Arvind, overwhelmed by these challenges, heard about an automated inventory management system tailored for local shop owners like him. His struggles convinced him that embracing technology was the way forward. "A Game-Changer" illustrated how the automated system transformed Arvind's life. It delivered accurate inventory control, helped predict seasonal demand, streamlined pricing, improved supplier relationships, optimized storage, and digitized his paperwork. A "Flourishing Business," "Arvind Daily" evolved into a thriving neighborhood hub, exceeding its role as a mere commodities store.

RONIT ROY

An all in one mart owner selling all types of goods



Nestled in the heart of bustling Connaught Place, Delhi, Ronit Roy operated an all-in-one store, offering hardware, paint, common commodities, and clothing. While the diversity of his inventory was a unique selling point, it presented him with a distinctive set of challenges.

The "Multifaceted Mess," Ronit grappled with organizing and managing the varied stock efficiently. This sometimes led to customer frustration as they navigated through the store in search of what they needed. "Supply Chain Surprises" delved into the unpredictability of the retail landscape. Delayed shipments, fluctuating supplier prices, and unreliable delivery schedules left Ronit with unpredictable inventory levels and cost fluctuations.

"Price Point Predicaments" explored the daily pricing puzzle. Ronit had to juggle diverse cost structures, with hardware, paint, clothing, and everyday commodities all requiring different pricing strategies.

"Seasonal Storage Struggles" revealed Ronit's challenge in efficiently managing storage for seasonal items, ensuring that valuable shelf space wasn't occupied year-round.

"Staffing and Scheduling" highlighted the difficulty of scheduling employees and ensuring they were knowledgeable across all departments.

"The Turning Point," Ronit, determined to streamline operations and cater to his diverse clientele, explored an automated retail management system, despite initial hesitations.

"A Game-Changer" showed how the automated system transformed Ronit's store. It introduced real-time inventory tracking, dynamic pricing, and streamlined supply chain management, resolving many of his inventory and pricing challenges.

"A Flourishing Business," Ronit Roy's all-in-one store became a well-organized and efficient retail machine. The automated system improved the shopping experience for customers and allowed Ronit to maximize profits, manage his diverse inventory effectively, and offer excellent service across all departments.

LO-FI DESIGN

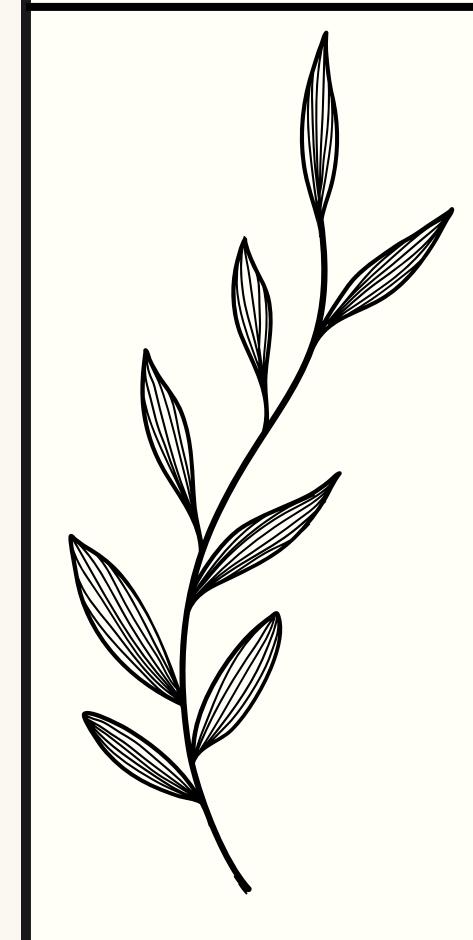
A

The image displays four hand-drawn wireframe sketches arranged in a 2x2 grid, representing a low-fidelity design for a software application named AIMS.

- Top Left:** A sign-in screen titled "AIMS". It features a logo icon, a "Sign In" button, a text input field for email or phone number, a "NEXT" button, a "Forgot Password?" link, and a "OR" separator followed by a "Sign in using" section with five social media icons.
- Top Right:** A dashboard titled "SALES ACTIVITY" showing three status boxes: "TO BE PACKED", "TO BE SHIPPED", and "TO BE INVOICED". It also includes an "Inventory Summary" table with columns for "QUANTITY IN HAND" and "QUANTITY TO BE RECEIVED", and a "PRODUCT DETAILS" section with filters for "ACTIVE ITEMS", "LOW STOCK ITEMS", "ALL ITEM GROUP", "ALL ITEMS", and "UNCONFIRMED ITEMS". A "TOP SELLING ITEMS" chart is shown as a grid of X's.
- Bottom Left:** A dashboard titled "AIMS" with a sidebar menu containing links: Dashboard, Create new Orders, Live Orders, Complete Orders, Hold Orders, Purchase Orders, Shipping, Invoicing, Archive, and Customer. To the right are buttons for "ADD PRODUCTS", "IMPORT INVENTORY", "BULK INVENTORY UPLOAD", "UPLOAD ALL INVENTORY", "DUPLICATE PRODUCTS", "GENERATE SKUs", "PRINT PRODUCTS LABEL", and "APPLY VAT(%)".
- Bottom Right:** A "ORDERING ROLES / [SAVE] DISCARD" screen with dropdown menus for Name, Product, Warehouse, Location, and Procurement Group, each with a list of X's. Below this is a "RULES" section with fields for Minimum Quantity, Maximum Quantity, and Quantity Multiple, all filled with X's. At the bottom is a "MISC" section with a "Lead Time" field containing "1 DAY(S) TO PURCHASE".

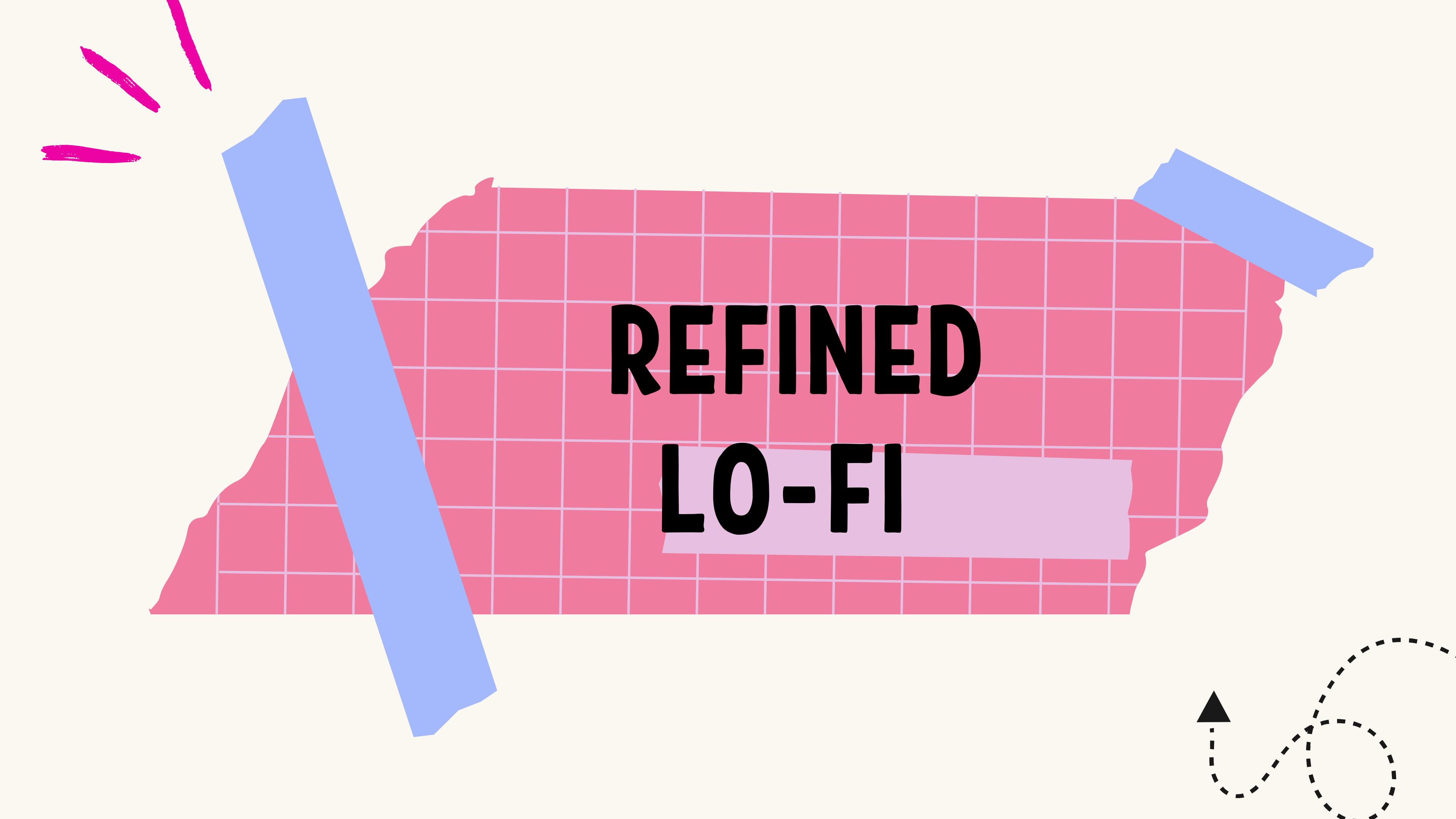
LO-FI DESIGN

B



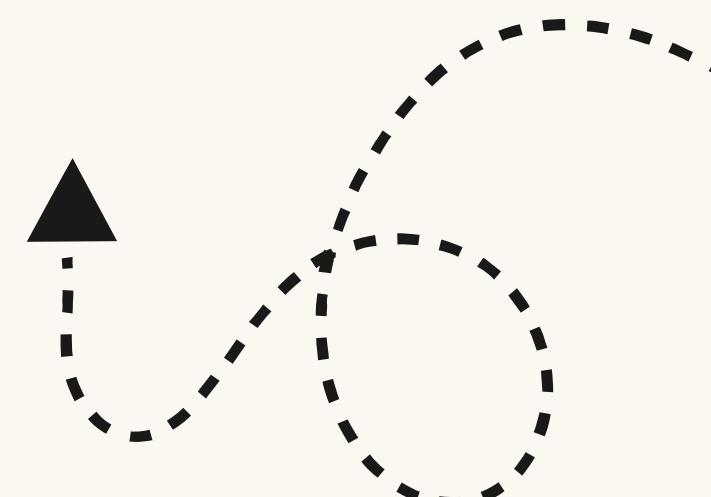
The image contains four separate wireframe sketches:

- Top Left:** A profile page titled "https://AIMS-Profile". It features a user icon, fields for Name, Business name, Past Scale Level, Plan Purchased (with value "XXXXXX"), Email, Password, Address, and Phone number. Buttons for Security Setting and Transaction History are at the bottom.
- Top Right:** A payment page titled "https://AIMS-payment.portal". It shows "YOUR PLAN" with fields for Plan Name, Monthly Charges, GST, No. of Months, and Total Amount. Below it is a "PAYMENT DETAILS" section with fields for Card Number, Postal Code, Expiration Date, CVV, and a "Pay Now" button.
- Bottom Left:** A "High-Scale Business Plan" page titled "https://AIMS-High-Scale-Business". It includes a sidebar with links like Inventory Overview, Demand Forecasting, Order Management, Supply Chain Optimization, Advanced Analytics, Reports, and Alerts. The main area displays "TRY THIS", "Comprehensive Inventory Analytics", "Supply Chain Optimization Tools", and "Advanced Data Visualization", each associated with a large X-shaped placeholder.
- Bottom Right:** A homepage titled "https://Advanced-Inventory-management-system". It has a sidebar with links for Inventory, Manage orders, Alerts & Notifications, Recent Activities, Help & Support, and a large central area for "Explore AIMS". This area contains sections for FORECAST SALES, REAL-TIME INVENTORY MANAGEMENT, MULTIPLE LOAN SUPPORT, TOP CHARTS, and PROGRESS. At the bottom, there are links for About Us, Get Started, Contact Us, and Follow Us.



REFINED

LO-FI



HOME



FORGOT PASSWORD

Don't have an account? [Sign Up](#)

[Forgot Password](#)

LOGIN

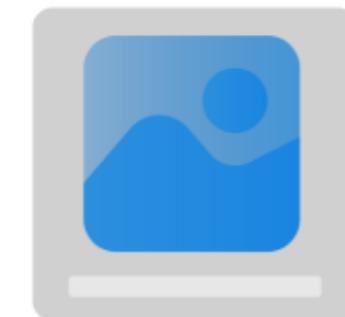


SIGNUP



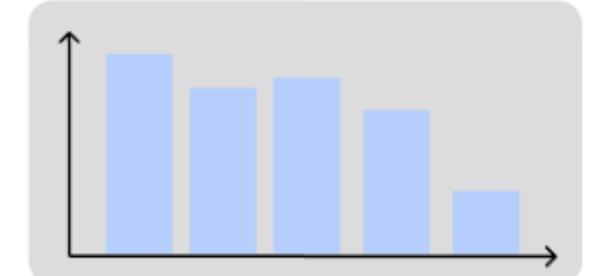
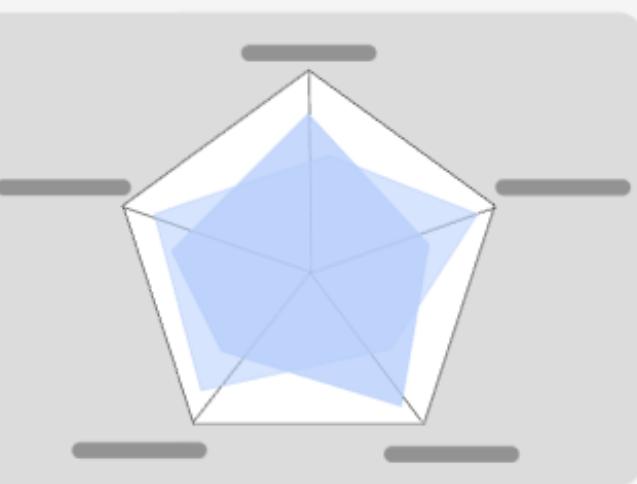
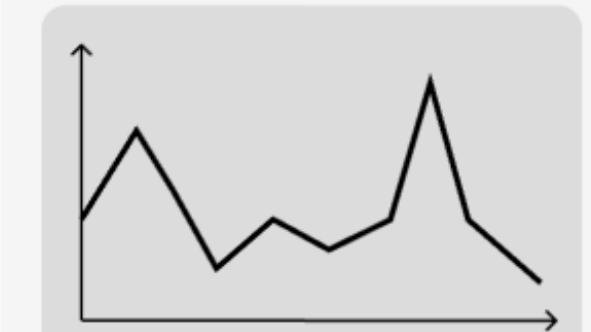
[Login Instead](#)

MY INVENTORIES



Category 1	Category 2	Category 3	Category 4	Category 5
Item A	Item B	Item C	Item D	Item E
Item F	Item G	Item H	Item I	Item J
Item K	Item L	Item M	Item N	Item O
Item P	Item Q	Item R	Item S	Item T

SALES THIS MONTH



MANAGE PERMISSIONS

ROLES

SET PERMISSIONS

ALERTS & NOTIFICATIONS

SETUP CUSTOM ALERTS

GET HELP

FREQUENTLY ASKED QUESTIONS

AI SUGGESTIONS

FORECASTS

WAS THIS HELPFUL

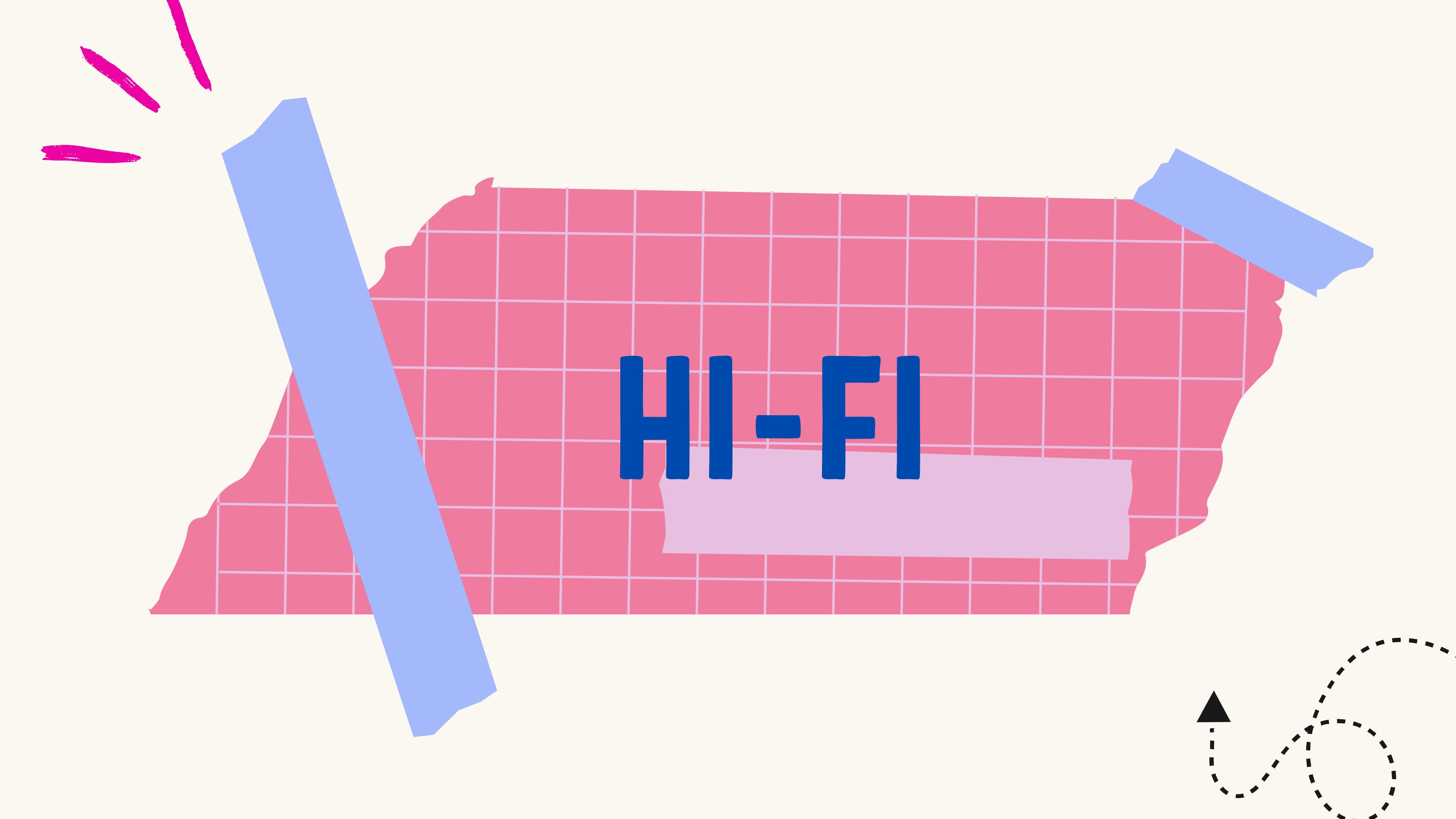
RECOMMENDED ORDERS TO PLACE

ORDERS

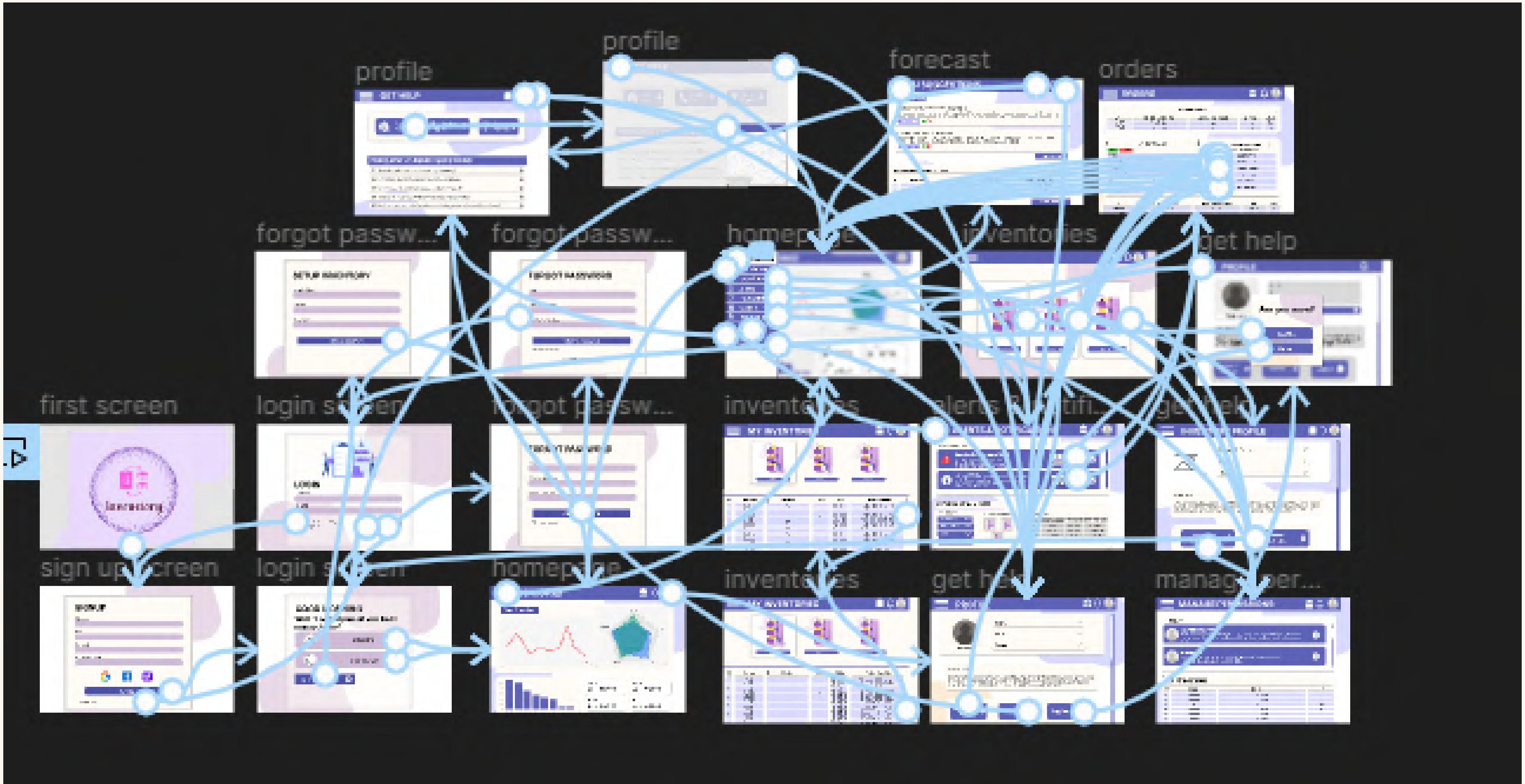
ORDERING RULES

CONTACT DISTRIBUTORS

PENDING ORDERS



HI-FI



SIGNUP

LOGIN

Username

Password

Email

Password

Re-enter Password

[Login](#)

Don't have an account? [Sign Up](#) [Forgot Password](#)

[Sign Up](#)

[Login Instead](#)

GET HELP

[Ask Bot](#) [Contact Us](#) [Get a Tutorial](#)

FREQUENTLY ASKED QUESTIONS

- #1 How do I add new products to my inventory?
- #2 Can I track inventory across multiple locations?
- #3 What should I do if I encounter a stockout alert?
- #4 How can I integrate AIIMS with my existing systems?
- #5 Can I set up automated reorder points for products to avoid stockouts?

LOGIN

Username

Password

[Login](#)

Don't have an account? [Sign Up](#) [Forgot Password](#)



FORGOT PASSWORD

Email

Enter New Password

Re-enter New password

[Change Password](#)

[Use another method](#)

Password has been changed.

GOOD MORNING

Which inventory would you like to manage today?

Inventory 1

Inventory 2

[Add Inventory](#)

SETUP INVENTORY

Inventory Name

Description

Description

[Create Inventory](#)

INVENTORY PROFILE

Navigate

- Dashboard
- Inventory Profile
- Alerts
- Forecasting

Inventory Name:

Location:

Type:

DESCRIPTION
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Manage Permissions [Switch Inventory](#)

MY INVENTORIES

Inventory 1 **Inventory 2**

#	Item Name	Stock Left	Expiry	Status
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Teflon tapes	23	--	Order to be placed
1	Sandpaper	66	--	Order to be placed
1	Sandpaper	66	--	Order to be placed
1	Sandpaper	66	--	Order to be placed
1	Sandpaper	66	--	Order to be placed

Inventories linked [Get Help](#) [Log Out](#)

ORDERS

PENDING ORDERS

DATE	DISTRIBUTOR NAME	SALES ORDER CODE	STATUS	AMT
01/04/23	Tata Steels pvt ltd	43278	OTW	700
28/04/23	Vijay Sales	43278	OTW	328

ORDERING RULES

NAME: **PRODUCT:** **LOCATION:** **DISTRIBUTOR:**

RULES: MIN QUANTITY **NOTE TO DISTRIBUTOR:**

MAX QUANTITY:

DATE	DISTRIBUTOR NAME	SALES ORDER CODE
01/04/23	Tata Steels pvt ltd	43278
28/04/23	Vijay Sales	8656

ALERTS & NOTIFICATIONS

TODAY'S UPDATES

Low On Stock: Item #AB23
Item #AB23 will be out of stock soon.
The expiry is on dd/mm/yyyy
Please order from Distributor by dd/mm/yyyy

SEE ORDERS [REMIND ME LATER](#)

Order #12 Received from Distributor
Order #12 was received from distributor on dd/mm/yyyy
The items were in perfect condition.
Please stock in inventory.

SEE ORDERS [REMIND ME LATER](#)

SETUP CUSTOM ALERTS

CONFIGURE: CONDITION FREQUENCY TYPE RECIPIENT

CHOOSE INVENTORY:

CURRENT ALERTS:

ALERT TYPE	RECIPIENT	FREQUENCY	CONDITION
Warning	Admin	Real-Time	Low on stock
Information	Manager	Real-Time	ABC quantity is zero
Warning	Everyone	Hourly	Order not completed
Warning	Admin	Daily	Expiry date for item #A

AI SUGGESTIONS

PREDICTIONS

1. Increase in demand for item #ABC123
Our predictive analytics model anticipate a remarkable 20% surge in demand for featured items especially item #ABC123 based on recent market trends and historical data analysis. Prepare for heightened interest by optimizing inventory and marketing strategies.

WAS THIS HELPFUL?

2. Possible Delay in Order #12
AI analysis indicates a potential delay in the fulfillment of Order #12 due to transportation issues. Prepare proactively by notifying the customer and implementing contingency measures to mitigate any impact on customer satisfaction.

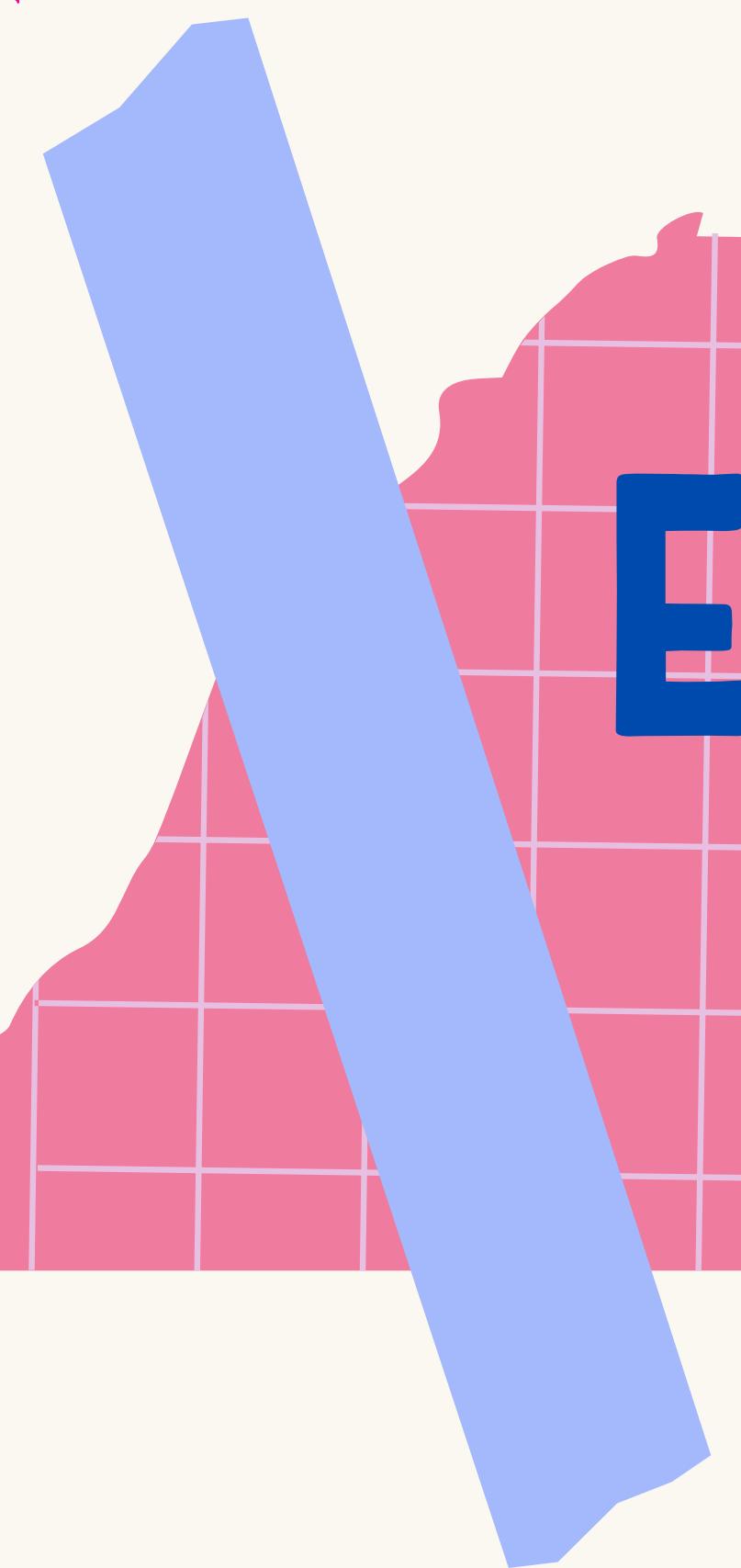
WAS THIS HELPFUL?

VIEW MORE

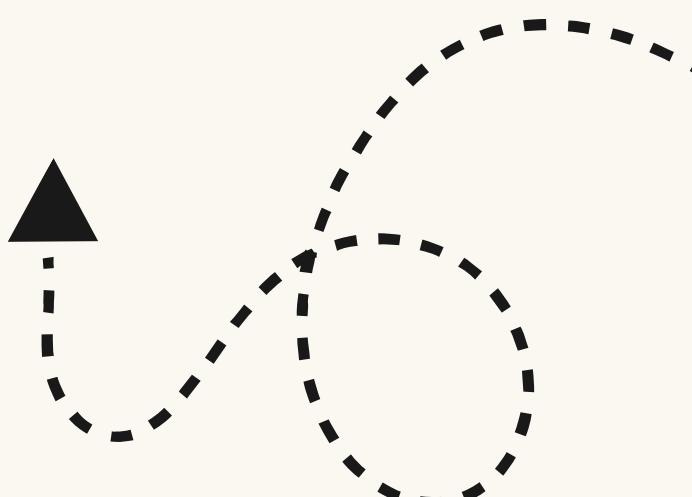
COMMENDED ORDERS TO PLACE

Item Name	Quantity	Recommend Due Date	Distributor To Order From
A	500	23/12/23	Tata Steels pvt ltd
B	454	07/12/23	Vijay Sales
C	777	16/11/23	Unibys pvt ltd

REGENERATE



EVALUATION PLAN



INTERVIEWS

- Gain in-depth insights from key stakeholders.
- Conduct at brainstorming phase to figure out “what exactly the problem is?”

SURVEYS

- Simple short surveys to measure satisfaction and usability post-implementation.
- Conduct at regular intervals to ensure maximum user involvement

GOOGLE FORMS

- Collect feedback on usability, features, and satisfaction of all prototypes.
- Periodically send out forms to understand about users

COMPILATION

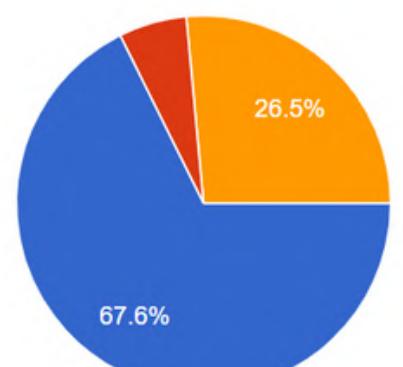
- *Compile and analyze collected data for insights.*
- *Generate reports after each data collection phase.*

ITERATIVE IMPROVEMENT

- Implement enhancements based on evaluation findings.
- Regular review meetings for strategy adjustments.

Did you manage to determine which lo-fi design was better?

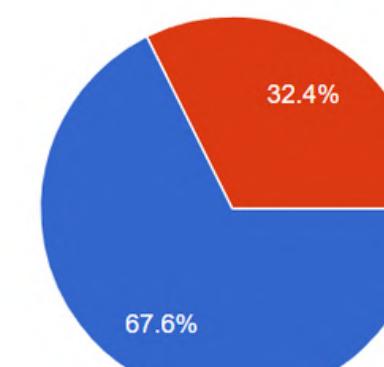
34 responses



Yes
No
Maybe

Which one has better payment portal ?

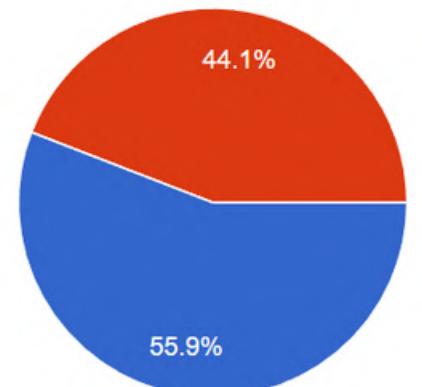
34 responses



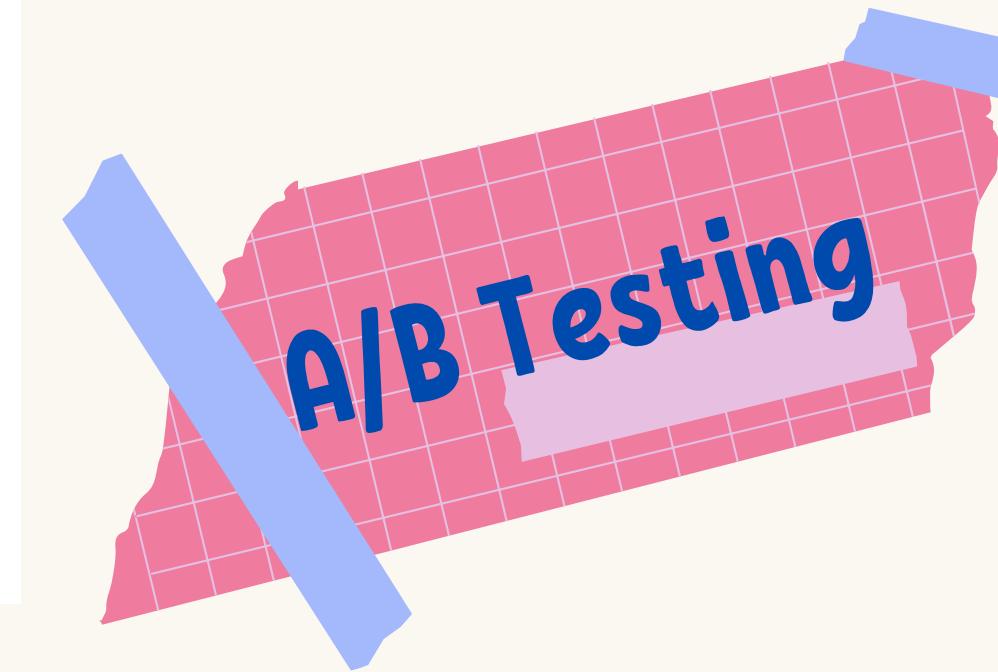
A
B

Which one do you think has better functioning?

34 responses

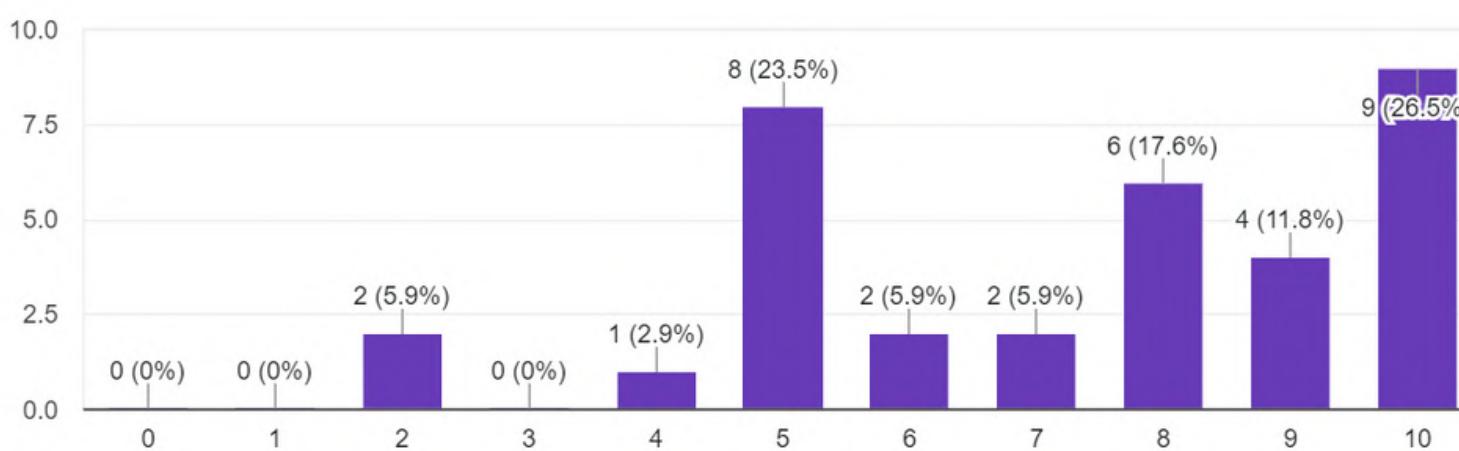


A
B



To what extent do you understand the idea of low-fidelity app design prototypes?

34 responses



Copy

Add chatbot and sales graph

You can add sales graph to see your sales and a chatbot for help.

NA

its good for lo-fi

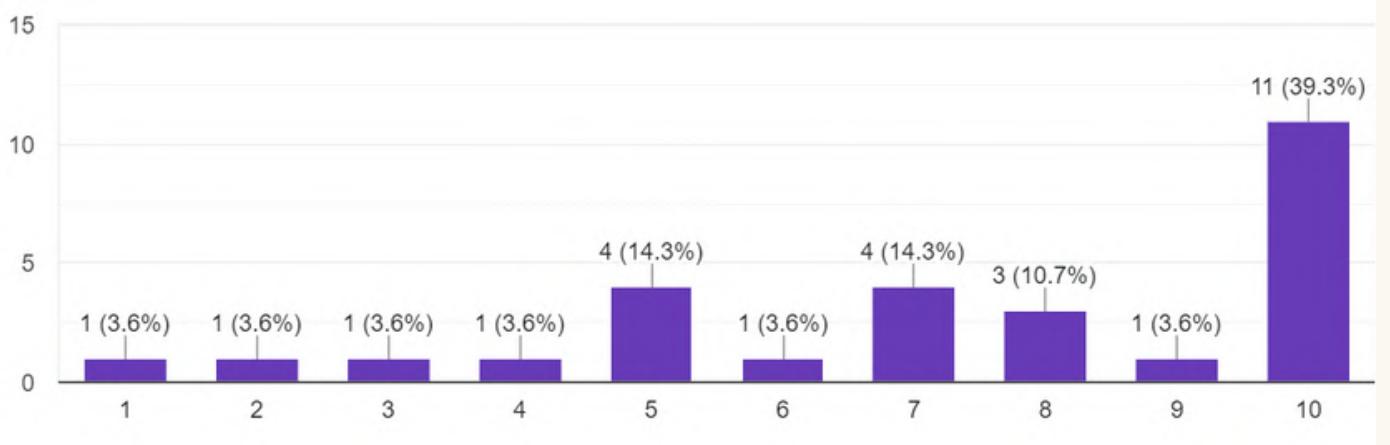
The problem faced was everything was fit into one page. It was a constraint considering I am trying to focus at multiple things at the same time(wrt the 1st design). Otherwise, it looks okay

Feedback and complaint section

Make it a bit easier

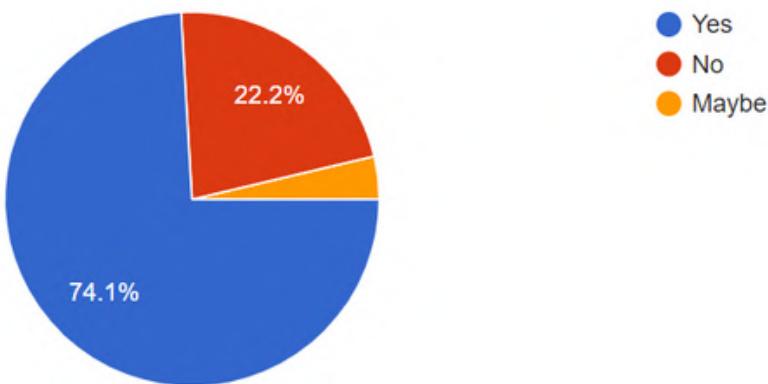
On the scale 1-10 how much you know about hi-fi prototyping

28 responses



Did our logo succeed in drawing your attention?

27 responses



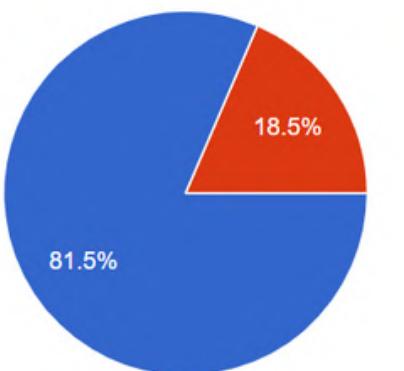
Do you have any other remarks or requests that we should take into account before adding to app?

7 responses

- Find it your way
- It's perfect
- Introduce chat bot character
- Use more colour ... That will help you to attract Targeted audience
- Na
- Its great
- looks great. maybe something could be done about high cognitive load

Were you able to find the overall design and interface both visually pleasing and user-friendly?

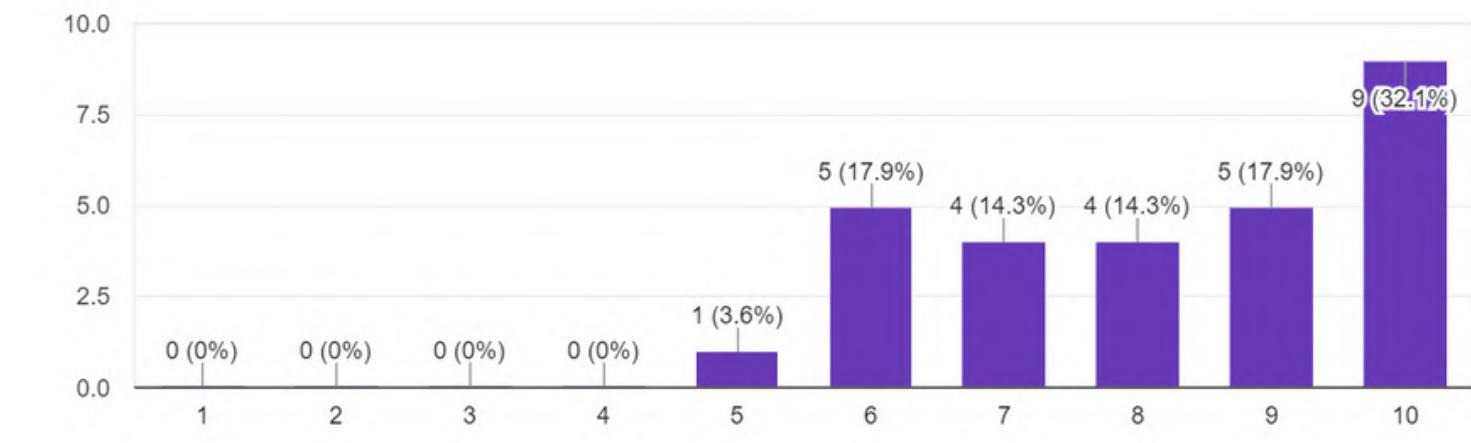
27 responses



2nd Submission Survey

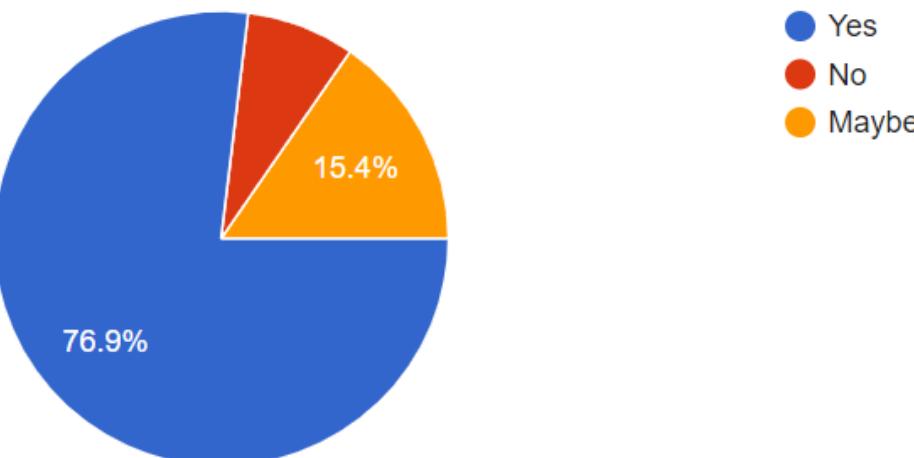
On a scale of 1 to 10, how would you rank this prototype?
(With 1 representing the lowest score and 10 the best)

28 responses



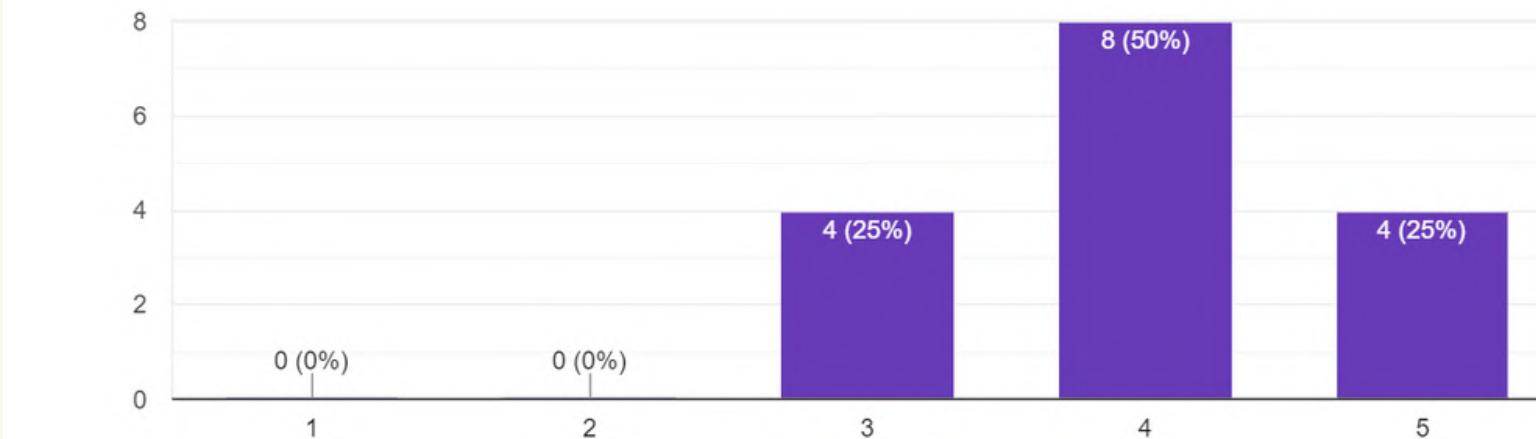
Did you find it easily navigable?

26 responses



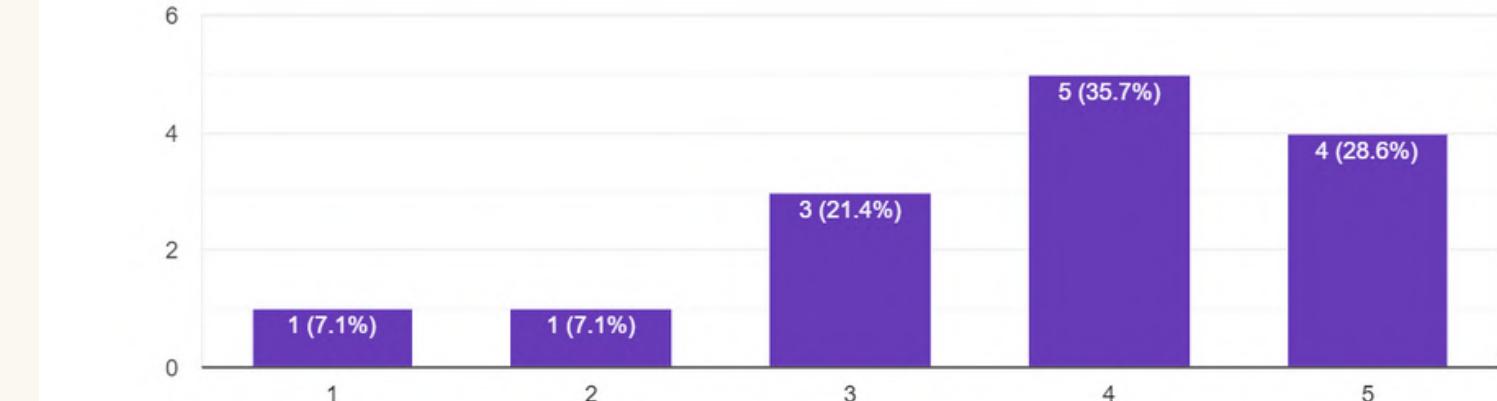
How would you rate the app's Get help interface?
(1 being the lowest and 5 being the best)

16 responses



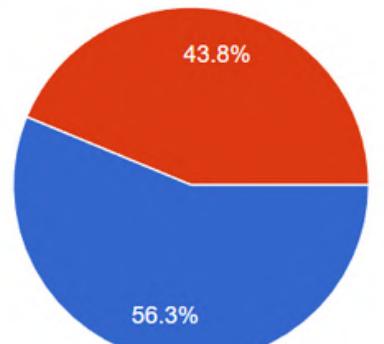
How would you rate the colour scheme of the app?
(1 being the lowest and 5 being the best)

14 responses



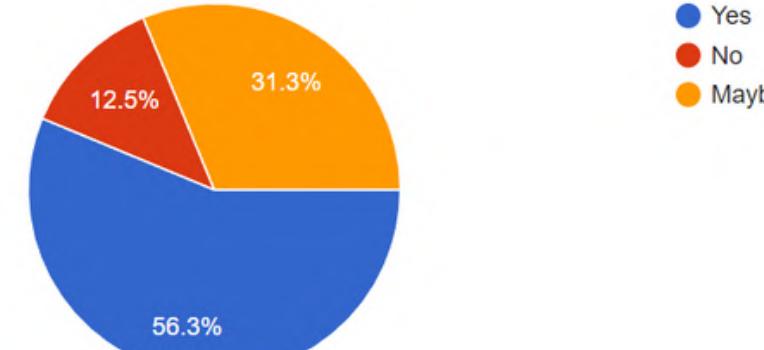
Have you gone through the hi-fi prototyping of INVENSTORY ?

16 responses



Is it compelling enough to get you started with inventory management?

16 responses



HI-FI EVALUATION

If so, could you please elaborate on what you liked and didn't like about it?

6 responses

Aesthetically pleasing with good functionality

No

interface

The app is excellent, keep up the good work!

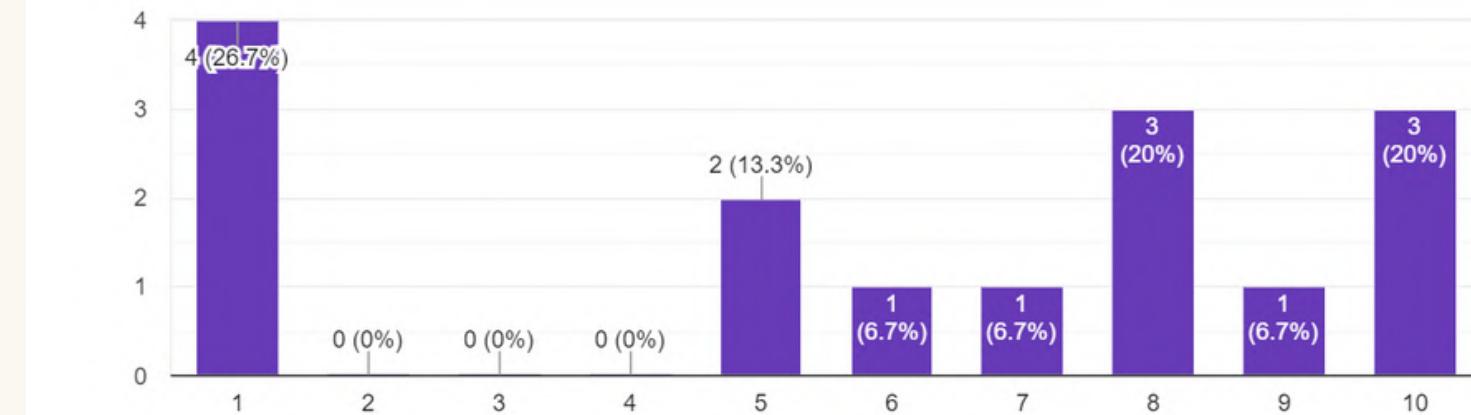
Clean interface, All features present, Simple to navigate

Nothing

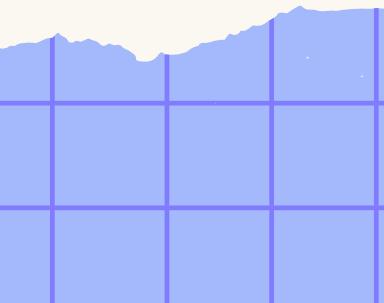
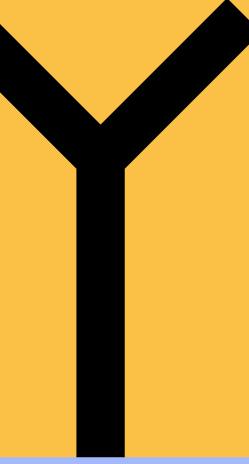
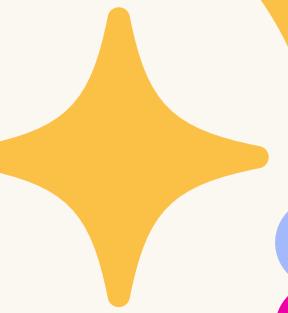
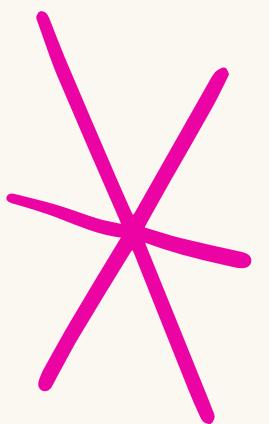
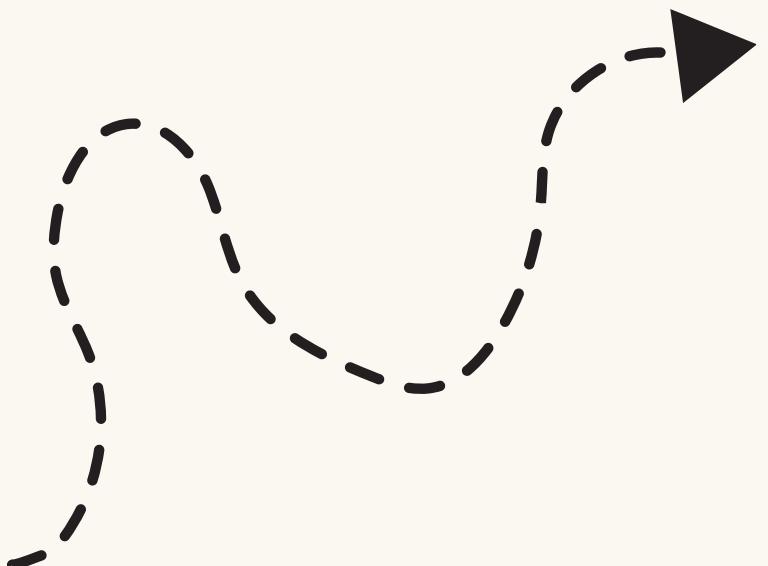
On the scale 1-10 , how much do you know about hi-fi ?

(1 being the lowest and 10 being the best)

15 responses



HARSH ("SINCERELY")
TAKING INTERVIEW



INVENSTORY

Specialization: Focuses solely on inventory management, offering specialized solutions for optimized control and efficient stock management.

Simplicity and Focus: Provides a straightforward, focused approach specifically designed for inventory management, ensuring an intuitive interface for inventory-related tasks.

Customization for Inventory: Prioritizes customizable features specifically geared towards inventory management requirements, allowing tailored solutions for unique inventory needs.

Scalability for Inventory Needs: Offers scalable solutions catering precisely to varying inventory needs of businesses, ensuring adaptability and efficient management as businesses grow.

Cost and Resource Optimization: Ensures efficient resource utilization for inventory needs, optimizing costs and resources specifically related to inventory control.

ODDO

Diverse Functionality: Offers a comprehensive suite covering various business applications like CRM, ERP, e-commerce, and accounting alongside inventory management.

Comprehensive Suite: Provides a comprehensive suite with diverse functionalities, which might require more navigation for inventory-specific tasks.

General Customizability: Allows customization across various business functions, which might dilute specific customization options for inventory.

Scalability with Diverse Functions: Scales across various business functions, potentially requiring additional configuration for inventory-focused scaling.

Cost Management Across Functions: Manages costs and resources across various business functions, potentially requiring additional configuration for inventory-centric cost optimization.





WE LEARNT ALOT...

LEARNING 1 (DEMO1)

- grammatical error update
- persona and scenario refining
- lofi-refining(reduced cognitive load)
- decluttering
- changed layout of lofi

LEARNING 2 (DEMO2)

- Modified prototype in hierarchical order
- Color scheming update
- More visual features
- Removed cluttering
- More interactable
- Added more interfaces for separate inventories

FINAL LEARNING

- collective team efforts
- finish work on time(punctuality)
- communication skills improved (slightly)
- new experiences on new collaborative platforms
- debates+denials+proposals

Future Aspects|Scopes

1. AI and ML Advancements: Further refining inventory forecasting and decision-making.
2. IoT Expansion: Real-time insights for better inventory visibility.
3. Blockchain Integration: Enhancing transparency and security in inventory management.
4. Mobile-Centric Solutions: Emphasizing accessibility and scalability for users.
5. Omnichannel Optimization: Seamless inventory management across diverse sales channels.
6. Sustainability Integration: Supporting eco-friendly inventory practices.
7. Predictive Analytics & Automation: Proactive inventory actions and supply chain streamlining.
8. Customer-Centric Approaches: Personalized inventory and improved order fulfillment.

THANK YOU!

