<div align="center">**PROBLEM STATEMENT**</div>

Domain: Cloud Application Development

Title: Inventory Management For Retailer

1.WHO DOES THE PROBLEM AFFECT?

- ✓ Lack of Centralised Inventory Hub
- ✓ Stocktaking becomes very challenging when you have inventories in multiple locations.

2.WHAT IS THE ISSUE?

- ✓ Poor or mismanagement of resources
- ✓ Lack of cash flow
- ✓ Lack of tracking
- ✓ Time delay

3.WHAT IS THE IMPACT OF THE ISSUE?

- ✓ Managing warehouse spaces
- ✓ Inventory loss and overstocking
- ✓ Delay in delivering of orders

4.WHAT WOULD HAPPEN IF WE DIDN'T SOLVE THE PROBLEM?

Discrete stock data from various locations makes shipping complex , resulting in delays. It's one of the biggest and continual challenges faced by most businesses today.
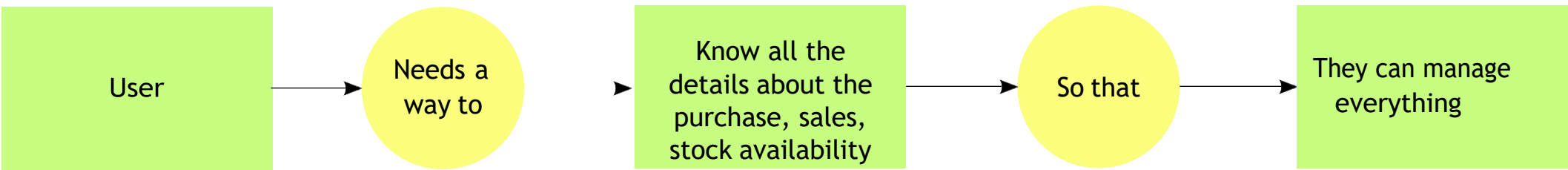
5.WHAT WOULD HAPPEN WHEN IT IS FIXED?

You can significantly reduce expenses and save a great deal of time by simply creating centralised inventory hub for your inventory-related data, including stock-taking.

6.WHY IS IT IMPORTANT THAT WE FIX THE PROBLEM?

This gives you comprehensive visibility and control of inventory and data in one single location making stock management simple.It also becomes much easier to track the inventory that enters and leaves your business premises.

The problem statement aims to make desktop application for retailers and to track all areas of IMS like purchase details, sales details, stock management. The application helps the retailer to have complete insights about the products stored in the inventory and can manage them flexibly.

User	Needs a way to	Know all the details about the purchase, sales, stock availability	So that	They can manage everything

Who does the problem affect?	Retailers and Customers
Why is it important to use?	Greater Insights about stocks and Increased productivity
What are the Benefits?	Better Inventory Accuracy and avoiding Stockouts and Excess Stock
How is it better than the others?	Accessible by retailer and at any time and more Organized Warehouse
When to use?	To get rid of obsolete and out of date inventory items. To evaluate movement of specific items. When a company wants a dynamic and systematic system to record and keep their inventory data.