

# Project Design Phase-I

## Proposed Solution

### For

## Inventory Management System for Retailers

#### Problem Statement 1:



#### Proposed Solution 1:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	I am the customer, I am trying to buy a product, but I can't buy the product, because the data is inaccurate which makes me to feel disappoint.
2.	Idea / Solution description	Schedule frequent stock auditing like daily cycle counting of different stock categories in small, manageable batches.
3.	Novelty / Uniqueness	This is a common problem which was faced by the customers. And it will be fixed.
4.	Social Impact / Customer Satisfaction	By this solution customers were ease to buy their expected products with many discounts.
5.	Business Model (Revenue Model)	I will properly handle the frequent stocks in daily cycle and manage the batches to upload the accurate data.
6.	Scalability of the Solution	If customers are facing any problems they are flexible to post their requirements in complaints section or in the straight to the shop.

## Problem Statement 2:



## Proposed Solution 2:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	I am the customer, I am trying to buy the product but the stocks are not maintained because the stocks are inconsistent which makes me anger.
2.	Idea / Solution description	Centralize your data with a cloud-based inventory management solution with real time data backup and automated inventory updates.
3.	Novelty / Uniqueness	These are the problems which was faced by the customers while the software is not handled properly.
4.	Social Impact / Customer Satisfaction	By this solution the customer can get the consistent data and can buy the valuable products.
5.	Business Model (Revenue Model)	I would maintain the data in cloud-Based inventory management solution with real time and get automated inventory updates.
6.	Scalability of the Solution	This solution will satisfy the customer. And the customers are flexible to say about their problems in customer complaints section.

### Problem Statement 3:



### Proposed Solution 3:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	I am the shop owner I am trying to know what inventory I have on hand but I couldn't know because the inventory visibility is not much good in software which makes me feel frustrated.
2.	Idea / Solution description	Add images with product descriptions in your inventory database to enhance accuracy and prevent misplaced inventory
3.	Novelty / Uniqueness	This is not the common problem and occurs somewhere.
4.	Social Impact / Customer Satisfaction	By adding the product images the shop owner can avoid this problem.
5.	Business Model (Revenue Model)	I would add the images of the product to enhance accuracy and prevent misplaced inventory.
6.	Scalability of the Solution	The shop owner are flexible contact the software designer to tell his problems at anytime.

#### Problem Statement 4:



#### Proposed Solution 4:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	I am the worker I am trying to work with the inventory software but it is more complicated because there are lack of expertise which makes me feel frustrated.
2.	Idea / Solution description	Outsource to an inventory management expert. Use in person training and online support contracts to help employees learn best practices for working with specialized inventory management software features.
3.	Novelty / Uniqueness	This is the common problem. In which starting must be little difficult to work with the new software then it will be fine.
4.	Social Impact / Customer Satisfaction	By giving training to employees the worker can arrest the problem.
5.	Business Model (Revenue Model)	I would give training to the employees who works in the software to solve this problem.
6.	Scalability of the Solution	The customer are flexible to say about his/her problems anytime to the designer If customer face he/she can say it in complaints section.

**Team Leader:** Yatheeswar Karthick R

**Team Member:** Vaishnav M A

**Team Member:** Vignesh M

**Team Member:** Yash P A