

Ideation Phase

Problem Statement and Proposed solution

Date	19 September 2022
Team ID	PNT2022TMID06737
Project Name	Inventory Management System for Retailers
Maximum Marks	2 Marks

Customer Problem Statement :

Most of the Retailers do not have a proper management system to maintain the inventory records and it is difficult for them to store the data in a paper file, logbook or as a hard copy and also difficult to analyse the inventory data quickly and hard to maintain the data safely as they do not maintain the inventory data properly.

Customer Problem Solution :

Our objective is to design an inventory management system which is used to manage the inventory details and to save it for the future reference User can track the stocks and goods that are sold, yet to be sold and the availability of resources can be monitored by the retailers. The user will be notified through SMS services or notifications by our cloud application.

Retailers get notified when the stock is about to get over and intimates the user to buy more stock. Encourages user to track stock availability and increase profit. It helps to make a better budget that he will have a financial control.

The low cost requirements for designing this proposed model makes it more reliable and user friendly. With efficient usage of IBM cloud, this proposed model will be able to handle a large number of user data. thus makes it easier to access the data efficiently.

Problem Statement (PS)	I am a Retailer who owns a stationery shop	I'm trying to store and monitor stocks and goods	But it is difficult to store and monitor the stocks	Because we are using the logbooks and notes to record the inventory data	Which makes me feel Tired to go through the data which are in hard copies and it makes me really slow and takes more time to analyse the stocks.
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