

Ideation Phase
Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID26994
Project Name	Project – Inventory Management System for Retailers
Maximum Marks	2 marks

Problem Statement

Inventory is one of the important departments that must be well managed in order to ensure daily business activities run smoothly. However, inventory Store still does not realize the important of inventory management as they are not equipped with computerized system in running their business. As a result, the security level of all data, documents and anything that related to daily transaction and inventory is very low. A lot of documents have been keep for each goods and for each supplier which consume a lot time and not effective for future references. In addition, due to poor sales and inventory management, inventory Store also face problem in identifying the quantity sold for each items per day and available inventory level of the items.

Existing inventory management also does not provide any means in detecting expired date for food based products such as milk, bread, flour and etc. Failure to identify the expired date of certain products causes the store to incur losses on those items. As current system used just acts as calculated to calculate the total amount of each customer purchases and does not any database link with it, the system does not have the capability of generating report on point of sales at the end of the day. Thus, there is no proper guideline in making reports in the store's log book which result in different kind of reports being prepared each time.

The simple report which is about the total sales of the day is determined based on amount of money in the cashier deck does not provide any input for the owner to make the right decision regarding the business operation. In case of there is short of cash in the cashier desk or any stolen cases, the owner cannot detect it as the current system does not have database to store the total sales of the day. Another identified problem is that the customers who made their purchases at the store usually do not receive proper receipt as references. Instead only receipt contains prices being generated by the system. Thus, customer face problem when they wanted to change the items bought due to damage, expired or wrongly purchase as the receipt does not indicate the name of items which makes it hard for the customers to prove that they bought it within 3 days in inventory Store.

Customer Problem Statement Template:

