Project Design Phase-I
Solution Architecture Template

Date	19 September 2022
Team ID	PNT2022TMID49238
Project Name	Retail Store Stock Inventory
Maximum Marks	2 Marks

Solution Architecture Template

- This data-set contains a lot of historical sales data of a Brazilian top retailer

- Basic Questions of every retailer: How much inventory should I carry? Too much inventory means working capital costs, operational costs and a complex operation, lack of inventory leads to lost sales, unhappy customers and a damaged brand.

- This is why short-term forecasting is so important in the retail and consumer goods industry.

- Automatically order the Stock when the Stock gets over.

ARCHITECTURE

USER

LAPTOP

PC

PHONES

Login

Data verifications

YES

NO

Database

Stock Dashboard

REGISTER

Automatic Stock Order

Buy Product → Order/Wait → Stock Verification

NO

Data Base

Sale Product

YES

Payment

Algorithm

Sale Percentage

Display Predicate