

## Project Design Phase-I Solution Architecture

Team ID	PNT2022TMID13508
Project Name	Inventory Management System for Retailers.
Maximum Marks	4 Marks

### Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behavior, and other aspects of the software to projects take holders.

### DESIGN:

- Sending message automatically when an item in an inventory runs out.
- Detection of out-of-stock items.
- Overflowing items in inventory

### SOFTWARE AND SYSTEM REQUIRED:

1. Python
2. Flask
3. Docker
4. 8GB RAM, Intel Core i3
5. OS-Windows/Linux/Max
6. Laptop or Desktop

### Example - Solution Architecture Diagram:

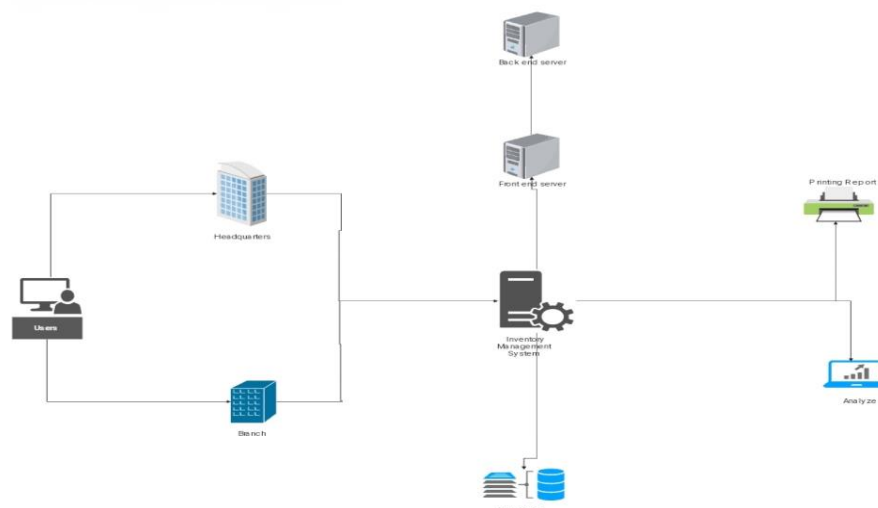


Figure 1: Architecture and data flow of the Inventory Management System for Retailers