Project Design
Phase-I Solution
Architecture

Team ID	PNT2022TMID07759
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

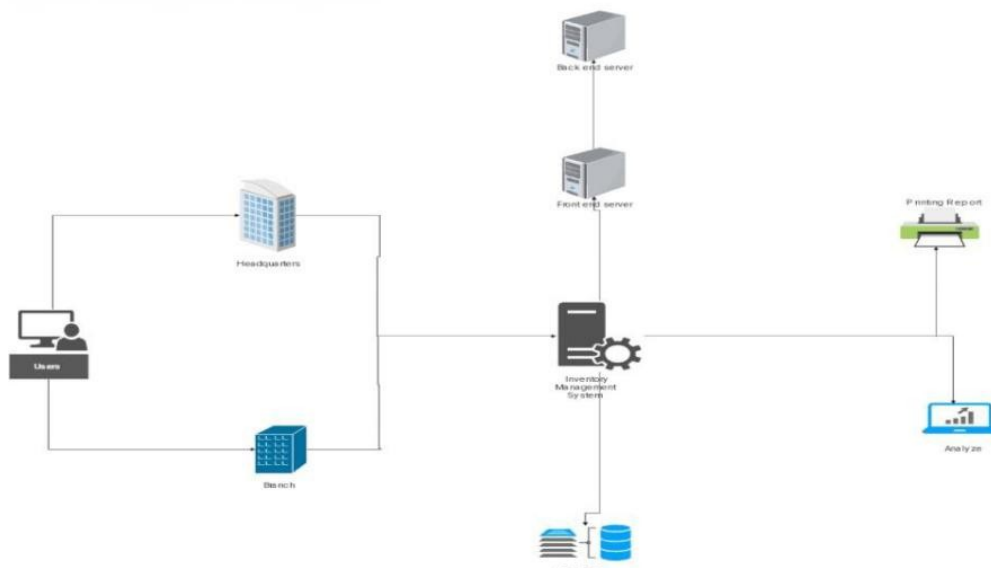**Example - Solution Architecture Diagram:**

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