

Project Design Phase-I

Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID08600
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:

- Retailers can login and access the web application to display and sell their products to customers.
- Users[Customers] can login into their account by providing the right credentials. The web application fetches the user information and allows them to view the products and add to their cart or order them.
- The application is containerized by using IBM db2 database and deployed in IBM cloud.
- The application has a notification medium where the users get a notification when new products are added and when no products are left to purchase.

Solution Architecture Diagram:

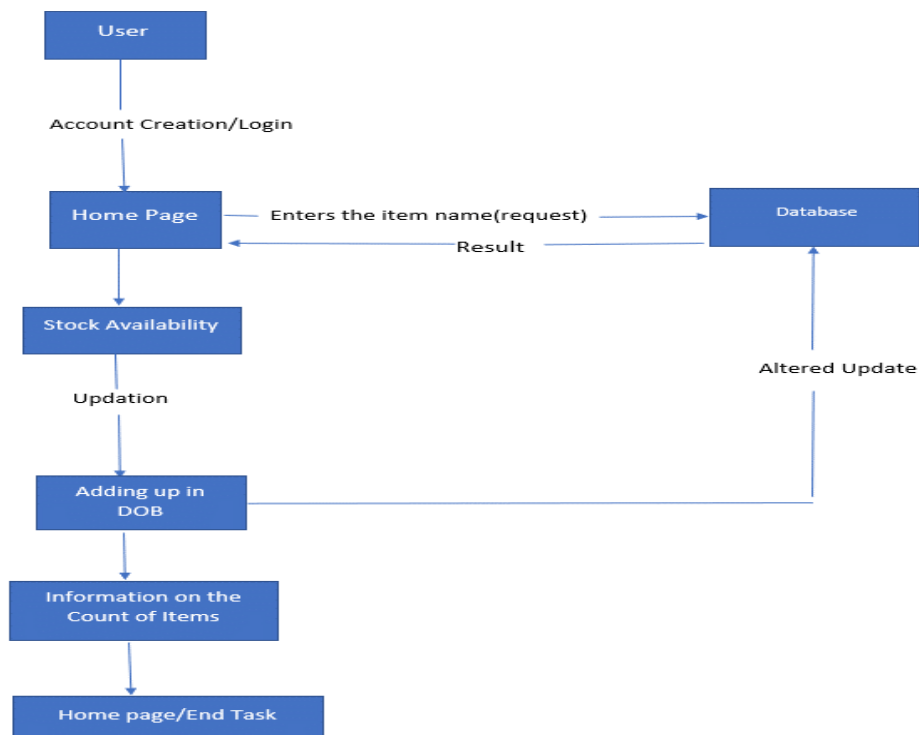


Figure 1: Architecture and data flow for inventory management system for retailers.