

Project Design Phase-II Data Flow Diagram & User Stories

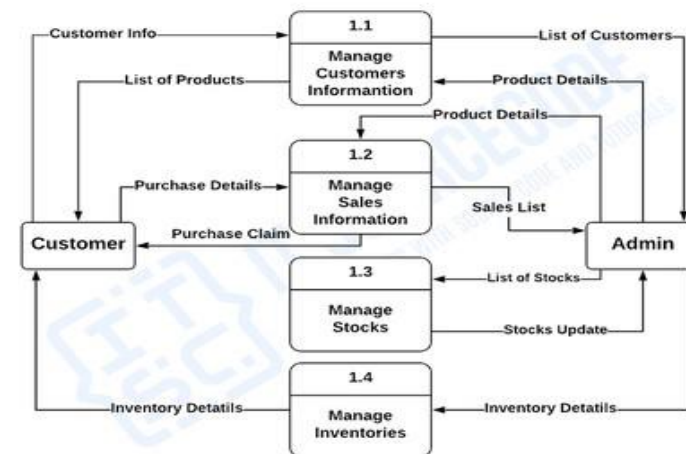
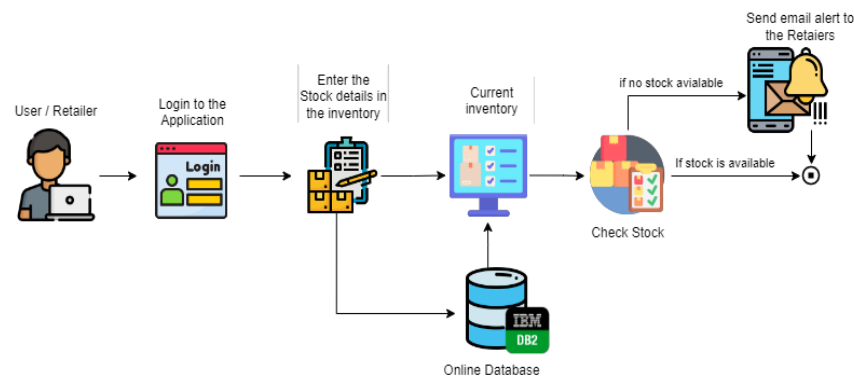
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|---------------|---|
| Date | 08 November 2022 |
| Team ID | PNT2022TMID13508 |
| Project Name | Inventory Management System for Retailers |
| Maximum Marks | 4 Marks |

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Inventory Management System for Retailers

Example: [\(Simplified\)](#)



User Stories

Use the below template to list all the user stories for the product.

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|------------------------|-------------------------------|-------------------|---|--|----------|----------|
| Customer (Mobile user) | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | I can access my account / dashboard | High | Sprint-1 |
| | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | I can receive confirmation email & click confirm | High | Sprint-1 |
| | | USN-3 | As a user, I can register for the application through Facebook | I can register & access the dashboard with Facebook Login | Low | Sprint-2 |
| | | USN-4 | As a user, I can register for the application through Gmail | | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can log into the application by entering email & password | | High | Sprint-1 |
| | Dashboard | USN-6 | As a user, I can Creating a database credentials and enter my stocks | I can manage the stocks and update them in a random manner | High | Sprint-1 |
| | | USN-7 | As a user, I can create Alerts to required Stocks | I can manage the alerts on the stocks | High | Sprint-1 |
| | Alerts | USN-8 | As a user, I can receive alerts on Stock updates | I can receive updates if any stock reduces to less than 10 | High | Sprint-1 |