**Project Design Phase-II**

**Data Flow Diagram &User Stories**

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| --- | --- |
| Date | 03October 2022 |
| Team ID | PNT2022TMID52529 |
| Project Name | Project - 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.

Diagram

Description automatically generated

**[Diagram, timeline

Description automatically generated](https://developer.ibm.com/patterns/visualize-unstructured-text/)**

**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 create my account & access my 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 through email & click to confirm | High | Sprint-1 |
|  |  | USN-3 | As a user, I can register for the application through Facebook | I can register with Facebook Login | Low | Sprint-3 |
|  |  | USN-4 | As a user, I can register for the application  through Gmail | I can register for the  application through Gmail | Medium | Sprint-2 |
|  | Login | USN-5 | As a user, I can log into the application by  entering email & password | I can log in by entering  Gmail & password | High | Sprint-1 |
|  | Dashboard | USN-6 | As a user, I can track data of sales of products and inventory levels | I can track data of inventory levels & sales. | High | Sprint-1 |
| Customer (Web user) | Registration | USN-7 | 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-8 | 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-9 | As a user, I can register for the application through Facebook | I can register & access the dashboard with Facebook  Login | Low | Sprint-3 |
|  |  | USN-10 | As a user, I can register for the application through Gmail | I can register for the application through Gmail | Medium | Sprint-2 |
|  | Login | USN-11 | As a user, I can log into the application by entering email & password | I can log in by entering Gmail & password | High | Sprint-1 |
|  | Dashboard | USN-12 | As a user, I can track data of sales of products and inventory levels | I can track data of sales of products and inventory levels. | High | Sprint-1 |
| Customer Care Executive | Support | USN-13 | As a Executive, I Provide answers for the queries asked by users. | I provide the answers for  the queries asked by the users. | High | Sprint-1 |