**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| --- | --- |
| Date | 29 JUNE 2025 |
| Team ID | LTVIP2025TEMID49946 |
| Project Name | Shop EZ : 0ne – stop shop for online purchases |
| 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.



**Example:** [**(Simplified)**](https://developer.ibm.com/patterns/visualize-unstructured-text/)

Diagram

Description automatically generated

**Diagram, timeline

Description automatically generated**

**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 | I can register using Gmail credentials | Medium | Sprint-1 |
|  | Login | USN-5 | As a user, I can log into the application by entering email & password | User dashboard is accessible upon correct login | High | Sprint-1 |
|  | Dashboard | USN-6 | As a user, I can view latest offers, product recommendations, and recent orders | Offers and recent orders are visible on dashboard | High | Sprint-2 |
| Customer (Web user) | Browse Products | USN-7 | As a user, I can browse products by categories and filter them | Filtered products appear based on user input | High | Sprint-2 |
| Customer Care Executive | Add to Cart | USN-8 | As a user, I can add selected items to my cart | Cart updates with quantity and product summary | High | Sprint-2 |
| Administrator | Checkout & Payment | USN-9 | As a user, I can make payments via card/UPI/wallet | I receive payment confirmation and order ID | High | Sprint-3 |
| Customer (Web user) | Order History | USN-10 | As a web user, I can view my past orders and status | Complete order list with status is visible | Medium | Sprint-3 |
| Customer Care Executive | View & Respond to Queries | USN-11 | As a care executive, I can see user complaints and respond | I can reply from support dashboard | Medium | Sprint-3 |
| Administrator | Manage Products | USN-12 | |  | | --- | |  |  |  | | --- | | As an admin, I can add, edit, or delete product listings | | Product changes reflect immediately in the store | High | Sprint-2 |