

Project Design Phase-II

Data Flow Diagram & User Stories

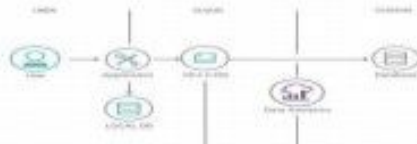
| | |
|---------------|--|
| Date | 28 June 2025 |
| Team ID | LTVIP2025TMID51084 |
| Project Name | cosmetic insights : navigating cosmetics trends and consumer insights with tableau |
| Maximum Marks | 4 Marks |

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:

Database Migration



1. User configures credentials for the cloud service and starts the app.
2. User selects a local database to process and load.
3. ETL (Extract Transform Load) script extracts data from
4. Extracted data is passed to data analytics platform for enrichment.
5. Enriched data is stored in cloud databases.

Example: DFD Level 0 (Industry Standard)



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 log in with Gmail | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can log into the application by entering email & password | I can access dashboard after correct login | High | Sprint-1 |
| | Dashboard | USN-6 | As a user, I can view trending products, ingredient safety scores, and personalized suggestions. | I can see curated products based on skin profile | High | Sprint-2 |
| Customer (Web user) | Order History | USN-7 | As a user, I can view previous orders and reorder products. | I see past orders and reorder easily | Medium | Sprint-3 |
| Customer Care Executive | Query Handling | USN-8 | As a customer care exec, I can view and reply to user queries submitted through the contact form. | I can reply to user inquiries and see resolution status | Medium | Sprint-3 |
| Administrator | Product Management | USN-9 | As an admin, I can add/edit/delete product listings in the catalog. | Products reflect on user side after changes | High | Sprint-2 |

| | | | | | | |
|---------------|-----------------|--------|--|---|--------|----------|
| Administrator | User Management | USN-10 | As an admin, I can manage user accounts (approve/block users). | I can search, filter, and manage registered users | Medium | Sprint-2 |
| | | | | | | |
| | | | | | | |