# Project Design Phase-II
# Data Flow Diagram & User Stories
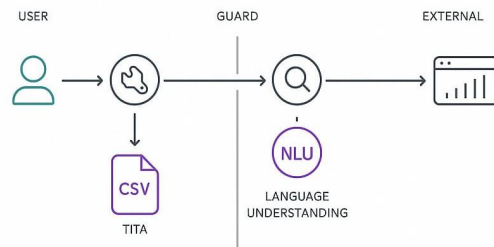
| Date | 31 January 2025 |
|---|---|
| Team ID | LTVIP2025TMID51628 |
| Project Name | iRevolution: A Data-driven Exploration of Apple's iPhone Impact in India using Tableau |
| Maximum Marks | 4 Marks |

**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.
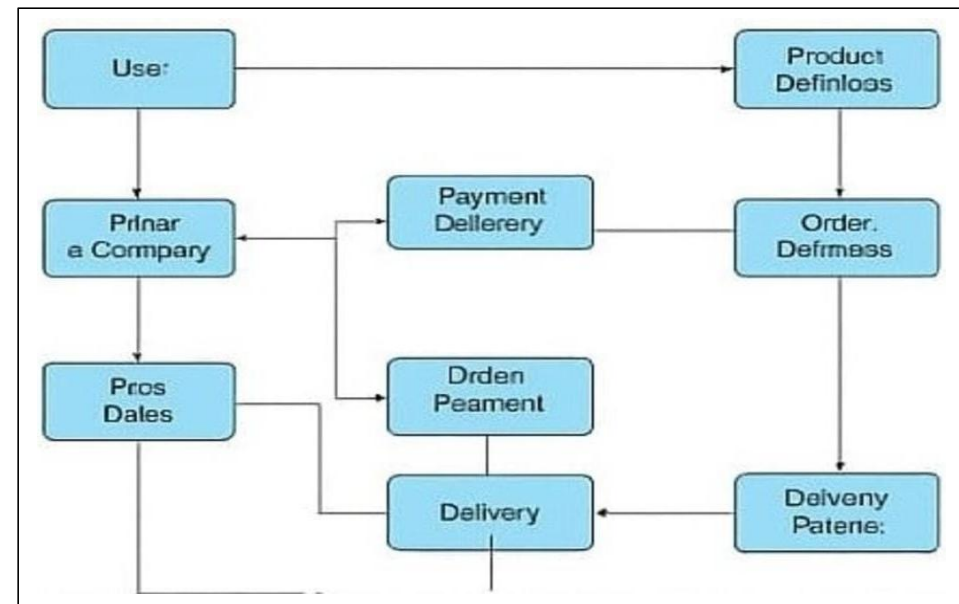
**Example:** (Simplified)



1. User configures credentials for Watson Natural Language Under-standing service and starts app.
2. User selects data file to process anl load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library

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 | User Story Number | User Story / Task | Acceptance Criteria | Priority | Release |
|---|---|---|---|---|---|---|
| Customer (user) | Registration | USN-1 | As a user. I want to register using emainpasetsent to access my accoount | I Acen create an account and view my aschbosed | High | Sprint-1 |
| Customer (user) | Product Browsing | USN-2 | As a user. I want to fifter phonse by price, RAM rating. | I can view an account and proceed pyniiant aschosod. | High | Sprint-1 |
| | Filtering | USN-3 | As a user. I want to filter phonse by price, ratinging advoc. | I can confirm my account nurric) | Medium | Sprint-2 |
| Customer (user) | Placesing | USN-5 | As a user. I want to place iPhone models side orside bs actain (pcecount. | Products can be addpo', satted, or ueadeoi) | High | Sprint-2 |
| | Order Placement | USN-6 | As a user. I want to place iPhone order side oif | I can confirm my order toceed | Medium | Sprint-1 |
| | Delivery | USN-7 | As a user. I want to stack as order after selecting on fibboo. | Products can for addod, or seuved | High | Sprint-2 |
| Admin | Product Managerment | USN-10 | As a user. Product manage ment klbery mandling | Prooducts can be query sice | High | Sprint-1 |
| Customer Support | Query Handiling | USN-11 | Query Handling | Query staff are artery nandling | High | Sprint-1 |