Project Design Phase-II
Data Flow Diagram & User Stories
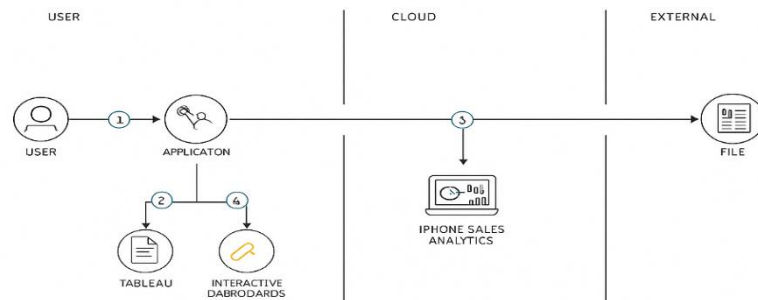
Date	27 June 2025
Team ID	LTVIP2025TMID49167
Project Name	iRevolution_ A Data-driven Exploration of Apple's iPhone Impact in India
Maximum Marks	4 Marks

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.
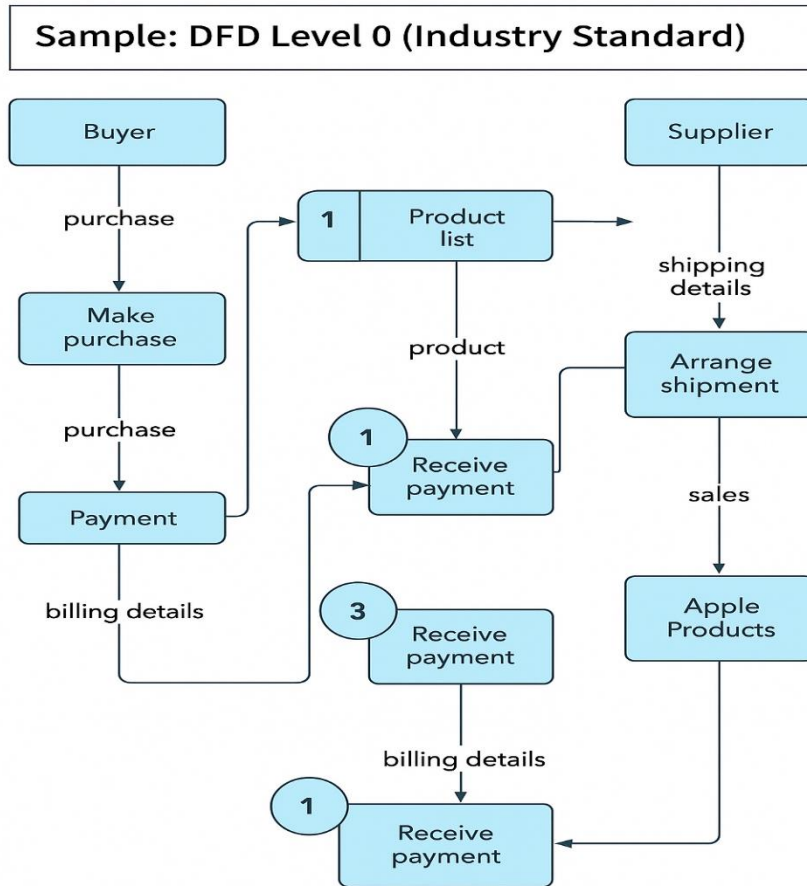
Example: (Simplified)

.. User configures Auth. with Tableau, and initializes`data` ingestion.

:. User fetches Apple data, files cleaned and prepared for Tableau.

:. Prepared file is uploaded into Tableau, interactivedashboards cre ated

. User filters data, observes regional, temporal trends through Tableau.

Example: iRevolution _ A Data-driven Exploration of Apple's iPhone Impact in India Data.

Sample: 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
Analyst	Data Collection	USN-1	As an analyst, I can gather and import iPhone data from credible sources	Dataset is imported and saved	High	Sprint-1
Analyst	Data Preprocessing	USN-2	As an analyst, I can clean and transform data to remove noise	Dataset ready for analysis in Tableau	High	Sprint-1
Analyst	Tableau Dashboard	USN-3	As an analyst, I can visualize the cleaned data on Tableau	Dashboards show clear iPhone trends	High	Sprint-2
Viewer (Web user)	Filtered Insights	USN-4	As a user, I can apply filters to view trends based on region/year	Visualizations update as filters change	Medium	Sprint-2
Viewer	Market Story View	USN-5	As a user, I can explore a storyline about Apple's market penetration in India	Story presentation viewable with context and charts	Medium	Sprint-3