

Project Design Phase-II

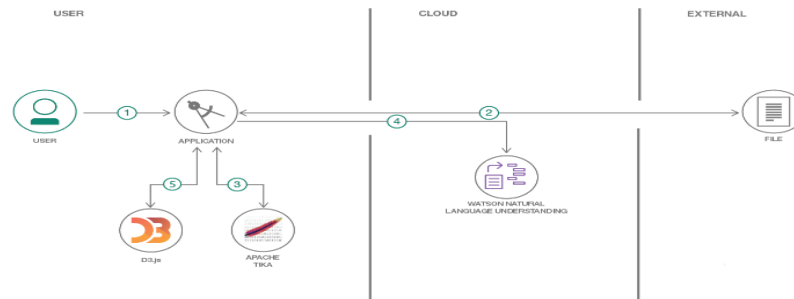
Data Flow Diagram & User Stories

Date	28 June 2025
Team ID	LTVIP2025TMID49452
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

Flow



1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and 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.

stored.

Example:

DATA FLOW DIAGRAM

