

Project Design Phase-II Data Flow Diagram & User Stories

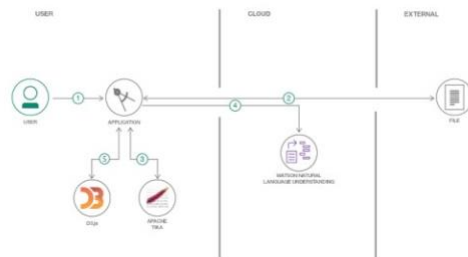
Date	03 October 2023
Team ID	NM2023TMID0696
Project Name	Quantitative Analysis Of Candidates In 2019 Lok Sabha Elections
Maximum Marks	4 Marks

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.

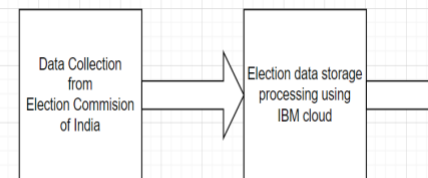
Example: (Simplified)

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.

DFD Level 0



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
Data Analyst/Researcher	Data Center	USN-1	Analyzing the election data, performing statistical analysis, and deriving insights from the collected information..	I can analyst my dat via cloud	High	Sprint-1
Data Scientist	Data warehouse	USN-2	Works on complex quantitative models, machine learning algorithms, and predictive analytics to interpret election-related data.	I can perform operation on the Data collection	High	Sprint-1
Political Analyst/Researcher	Data Analysis	USN-3	Focuses on interpreting the election data from a political perspective, analyzing trends, and providing insights into the political implications of the results.	I should analyst date to understand the election and research	Low	Sprint-2
Software Engineer	Data Research	USN-4	Builds and maintains the technical infrastructure required for data collection, processing, and analysis.	I should develop a solutions to understand the survey	Medium	Sprint-1
Decision-makers	Information Retrieval	USN-5	Include government officials, political parties, or media entities interested in understanding the insights derived from the analysis to make informed decisions.	I could made decisions on data collected	High	Sprint-1
Administrator	Administration	USN-6	Administrator maintain government officers to maintain the Overall performance of the election	I manage and monitor the political party		