

## Project Design Phase-II

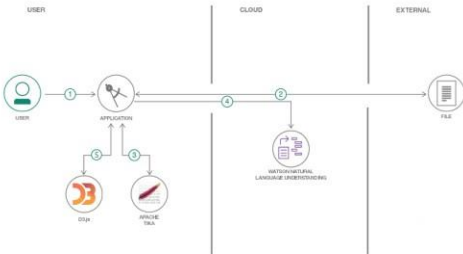
### Data Flow Diagram & User Stories

Date	17-October-2023
Team ID	8D48DDF933745F2A2DF4A36340D40B61
Project Name	Project – Aquatic Insights: Cognos -Powered Water Portability Analysis
Maximum Marks	4 Marks

### Data Flow Diagrams:

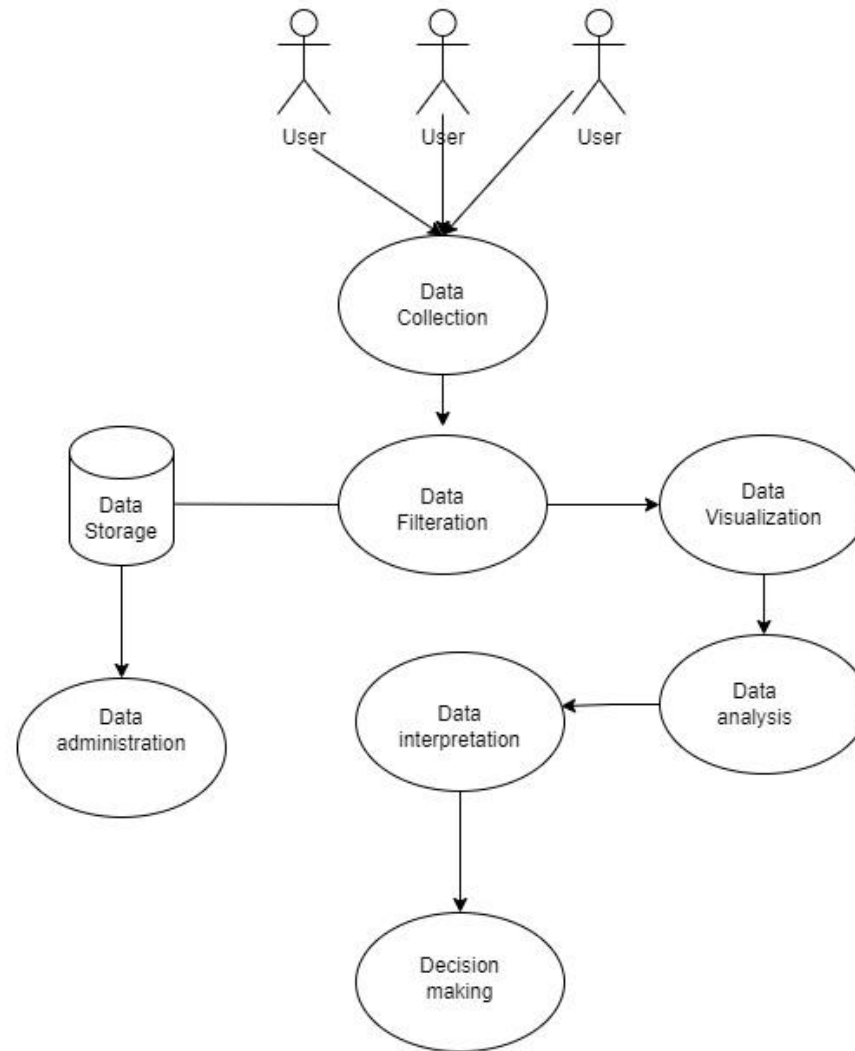
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

### Example: (Simplified)



1. User configures credentials for 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.

# DATA FLOW DIAGRAM



## 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
System Administrator	Dashboard	UN1	They can access historical financial data to track the differences in the financial independence of various individuals in a variety of background.	100%	Top priority	Available
	Database	UN2	They are responsible for managing the technical infrastructure, ensure the data integrity and data authenticity, in order provide accurate analysis to the viewers.			Available
		UN3	System administrators are responsible for frequent updation of the survey based on market conditions.			Available