Project Design Phase-II
Data Flow Diagram & User Stories

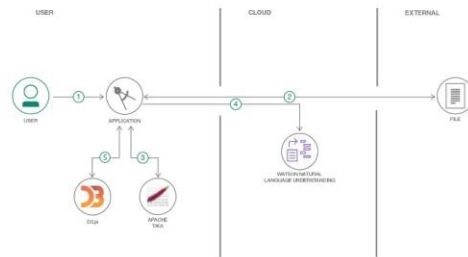| Date	20-10-2023
Team ID	E58463ADFC36283A5274716DB239CCF2
Project Name	Project – Analytical Tool For Placement
Maximum Marks	4 Marks

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.
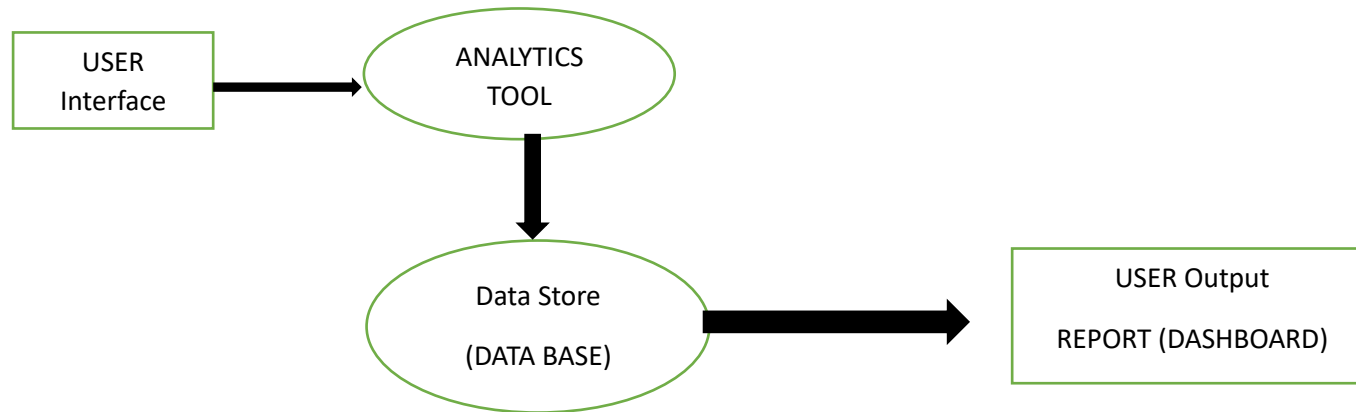
Example: DFD Level 0 (Industry Standard)

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.

DATA FLOW DIAGRAM :

```
┌──────────────┐              ╭─────────────╮
│    USER      │              │  ANALYTICS  │
│  Interface   │ ──────────▶  │    TOOL      │
└──────────────┘              ╰─────────────╯
                                     │
                                     │
                                     ▼
                              ╭─────────────╮              ┌──────────────────────┐
                              │  Data Store  │              │     USER Output       │
                              │              │ ──────────▶  │                        │
                              │ (DATA BASE)  │              │  REPORT (DASHBOARD)    │
                              ╰─────────────╯              └──────────────────────┘
```

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	Release
Customer (Mobile user)	Registration	USN-1	As a user, I want the analytics tool to integrate seamlessly with our existing ATS, so we can manage the entire placement process from one place.	I can access my account / dashboard	
		USN-2	As a user, I want to customize the tool's dashboard to see the metrics and data that are most relevant to my role and responsibilities.		

		USN-3	As a user, I can register for the application through Facebook		
	Login	USN-5	As a user, I can log into the application by entering email & password		
	Dashboard				
Customer Care Executive			As an Customer Care Executive, I want the tool to provide historical placement data, including the time-to-fill positions and successful placements, to track our team's performance.		
Administrator			As a user, I want to customize the tool's dashboard to see the metrics and data that are most relevant to my role and responsibilities.		