

## Project Design Phase-II

### Data Flow Diagram & User Stories

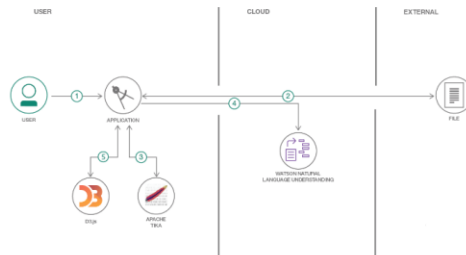
Date	31 January 2025
Team ID	LTVIP2026TMIDS54383
Project Name	Educational organisation using service now
Maximum Marks	4 Marks

#### 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.

## User Stories

User Type	Functional Requirement (Epic)	User Story No	User Story / Task	Acceptance Criteria	Priority	Release
Student (Mobile User)	Registration	USN-1	As a student, I can register using email and password	Student can access dashboard after registration	High	Sprint-1
		USN-2	As a student, I receive confirmation email after registration	Confirmation email received and verified	High	Sprint-1
		USN-3	As a student, I can register using Google login	Login successful via Google	Medium	Sprint-2
	Login	USN-4	As a student, I can login using email and password	User redirected to dashboard	High	Sprint-1
	Dashboard	USN-5	As a student, I can view my academic progress	Marks, total & percentage visible	High	Sprint-1
	Profile	USN-6	As a student, I can update my profile details	Profile updates saved successfully	Medium	Sprint-2