Project Design Phase-II
Data Flow Diagram & User Stories
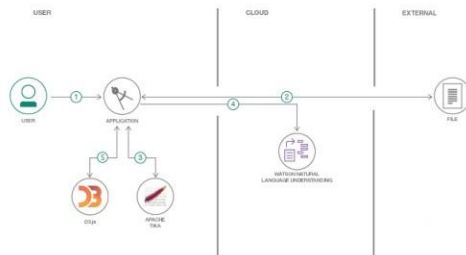
Date	03 October 2022
Team ID	Team-592649
Project Name	Project - T20 Totalitarian: Mastering Score Predictions
Maximum Marks	4 Marks

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.
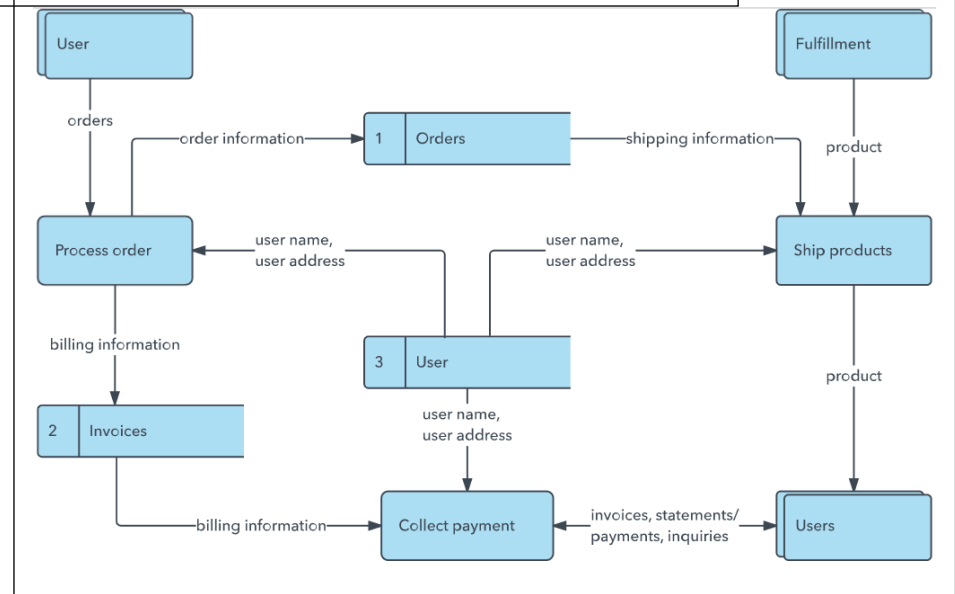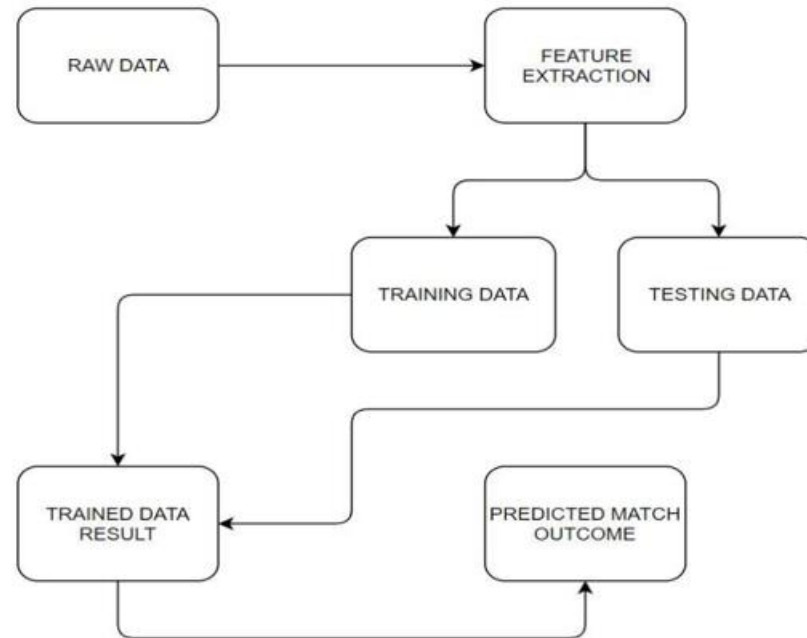
Example: (Simplified)

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.

Example: DFD Level 0 (Industry Standard)

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
T20 score prediction	Accessing the data	USN-1	As a user, I can access the analysis dataset by logging into with my credentials	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can filter and search the analysis dataset of prediction based on the user input	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Work Email		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
Prediction	Support and Assistance	USN-6	As a customer care executive, I can view summary reports and conditions of the stadium of the analysis datasets	I can access summary reports displaying overall statistics and trends from the dataset	High	Sprint -2
		USN-7	As a customer care executive, I can generate custom reports based on specific criteria.		Medium	Sprint-3
		USN-8	As a cricket enthusiast, I want to input historical T20 match data, including team performance, player statistics, and match conditions, so that the AI model can learn from past games and make accurate predictions.	I can acess the historical T20 match dataset and performance	High	Sprint-3
Dashboard		USN-9	As an administrator, I can manage user access levels and permissions.	I can get the prediction and datasets of the score	High	Sprint-4
Sport analyst		USN-10	As a sport analyst,I want give the venue details	I can acess the location and venue details of the stadium	Medium	Sprint-4