Project Design Phase-II Data Flow Diagram & User Stories

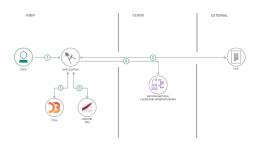
Date	03 October 2022	
Team ID	PNT2022TMID02730	
Project Name	Virtualeye - Life Guard For Swimming Pools To	
	Detect Active	
Maximum Marks	4 Marks	

Data Flow Diagrams:

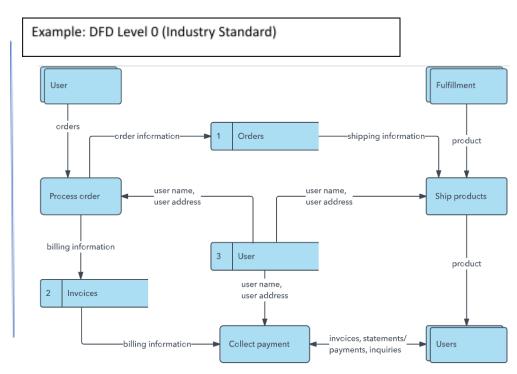
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: (Simplified)

Flow



- 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

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
Customer	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
	Login	USN-2	As a user, I can log into the application by entering email & password		High	Sprint-2
	Camera	USN-3	Gain access to camera		High	Sprint-3
	Detect Person	USN-4	Person or not		High	Sprint-4
	Detect Drowning Person	USN-5	Drowning or not		High	Sprint-5