

## Project Design Phase-II

### Data Flow Diagram & User Stories

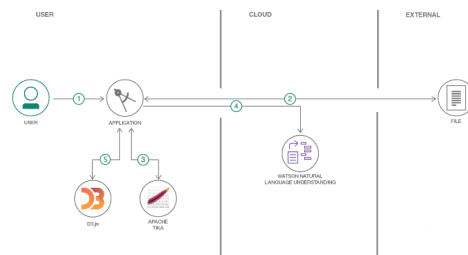
Date	03 October 2022
Team ID	PNT2022TMID39288
Project Name	A Gesture-based Tool for Sterile Browsing of Radiology Images
Maximum Marks	4 Marks

### 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.

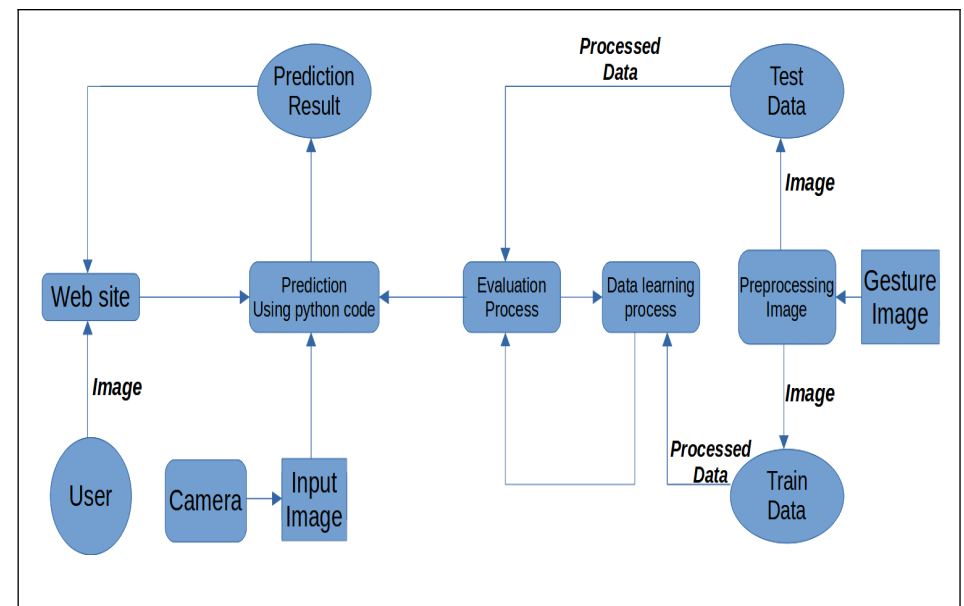
**Example: (Simplified)**

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)



## User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Mobile user	Its only need an hand sign as input	USN-1	As a user, I can use this website easily	I can access my image files	High	Sprint-1
		USN-2	As a user, I can use this website for edit images	I have no problem in the website	High	Sprint-1
		USN-3	As a user, I can use the website to blur the image and its really amazing	I can upload the image with out any problem	High	Sprint-2
		USN-4	As a user, I can use the website to resize the image		Medium	Sprint-1
		USN-5	I can use the website to flip the image		High	Sprint-1
		USN-6	I can use the website to rectangle the image		Medium	Sprint-1
Web user	Easy to use	USN-7	It was fun and easy to use this website because of the gesture	Nice website	Low	Sprint-2
		USN-8	It was easy to use because of the gesture based	Easy to use	Medium	Sprint-1
		USN-9	It was very useful to resize image		High	Sprint-2
		USN-10	It was not take much time to flip the image		Medium	Sprint-1
Customer Care Executive		USN-11	I think need better user interface		High	Sprint-2
		USN-12	Need some additional function like crop		High	Sprint-2