

Project Design Phase-II

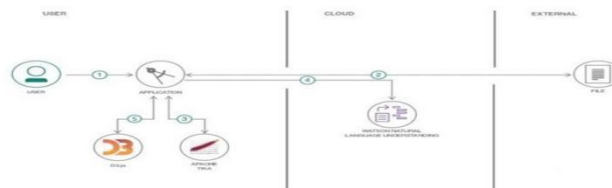
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID52615
Project Name	A Gesture-Based Tool For Sterile Browsing Radiology Images
Maximum Marks	4 Marks

Data Flow Diagrams:

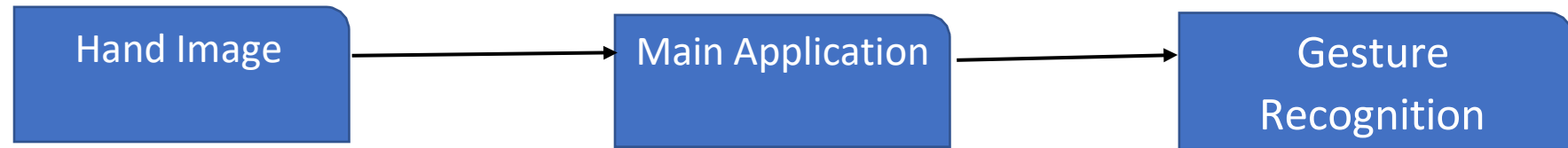
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Flow

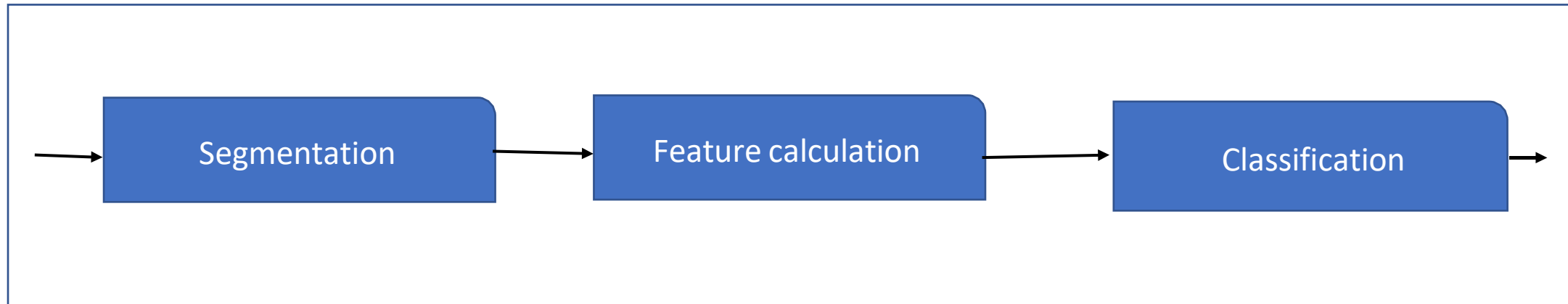


1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

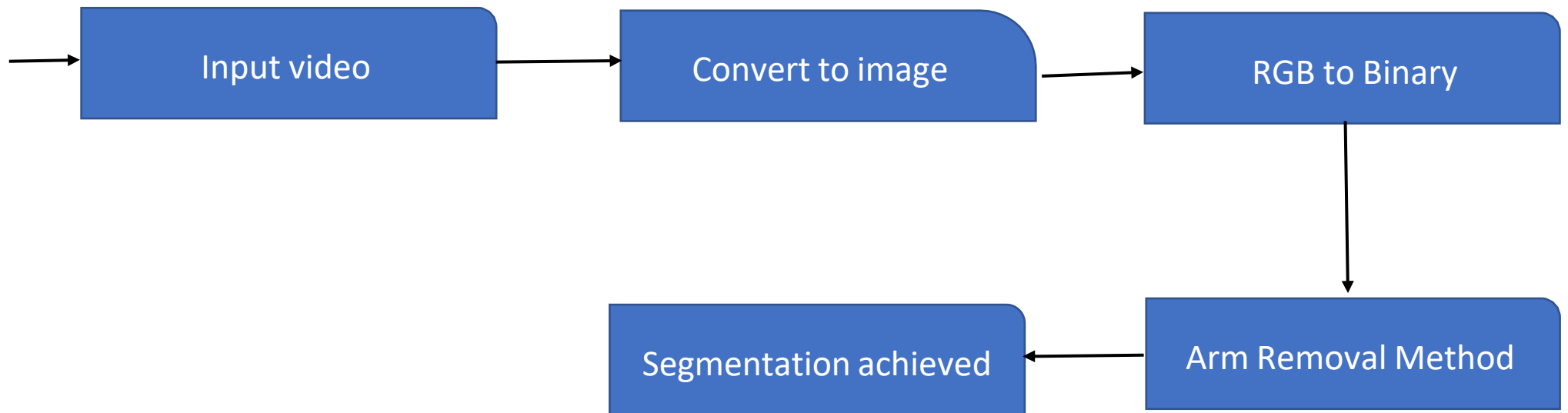
DFD Level 0



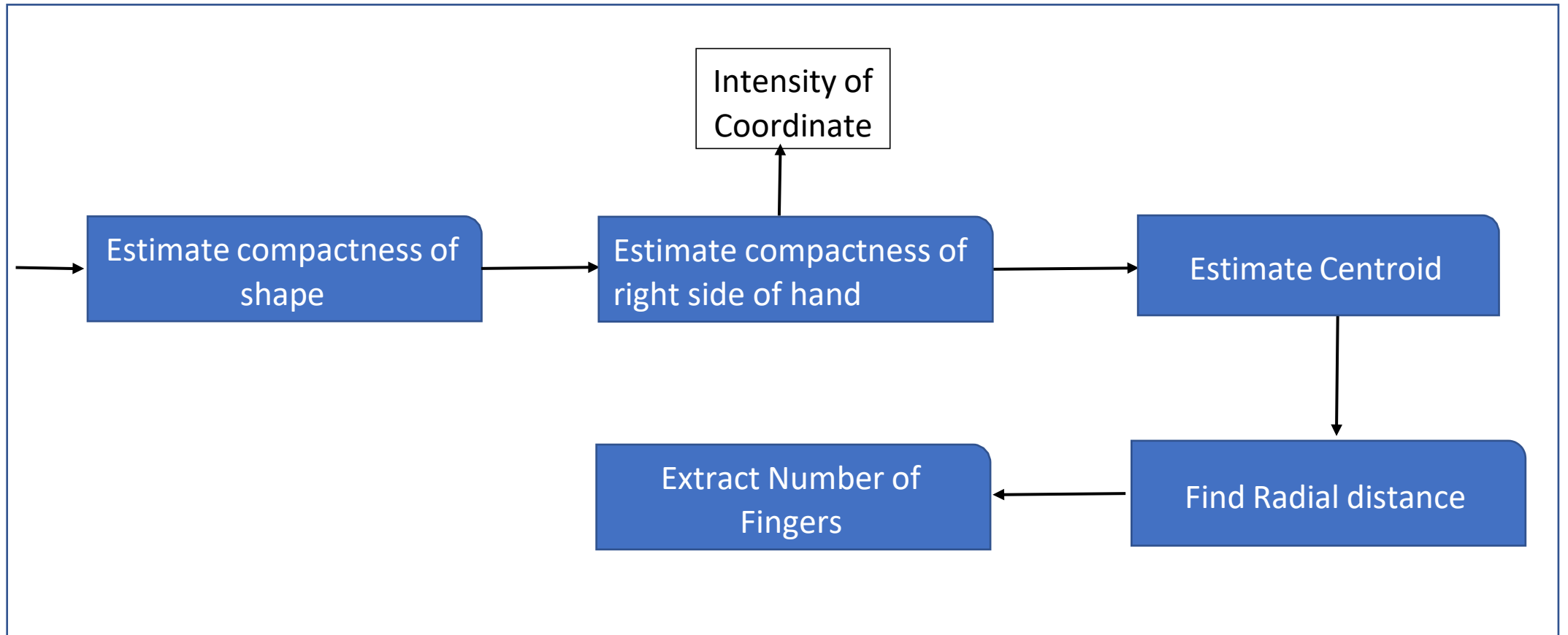
DFD Level 1



DFD Level 2



DFD Level 3



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 (Web user)	Launch	USN-1	As a user I can launch to the further web page To upload image	I can access the webpage	High	Sprint-4
		USN-2	As a user I can use chrome/fire fox/edge	Different access of web browsers	High	Sprint-1
Customer care executive	Availability	USN-1	As a user when the website is Unresponsive or any internal errors	Webpage not responding	Medium	Sprint-4
		USN-2	Identifying gesture inaccurately	Webcam detection	Medium	Sprint-5
Administrator	IBM cloud	USN-1	Access the database	Database Management	High	Sprint-3
		USN-2	Server Crash	Resolve the errors/issue	Medium	Sprint-5