Project Design Phase-II
Data Flow Diagram & User Stories

| Date	03 October 2022
Team ID	PNT2022TMID00221
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.

SIMPLIFIED DATA FLOW GRAPH
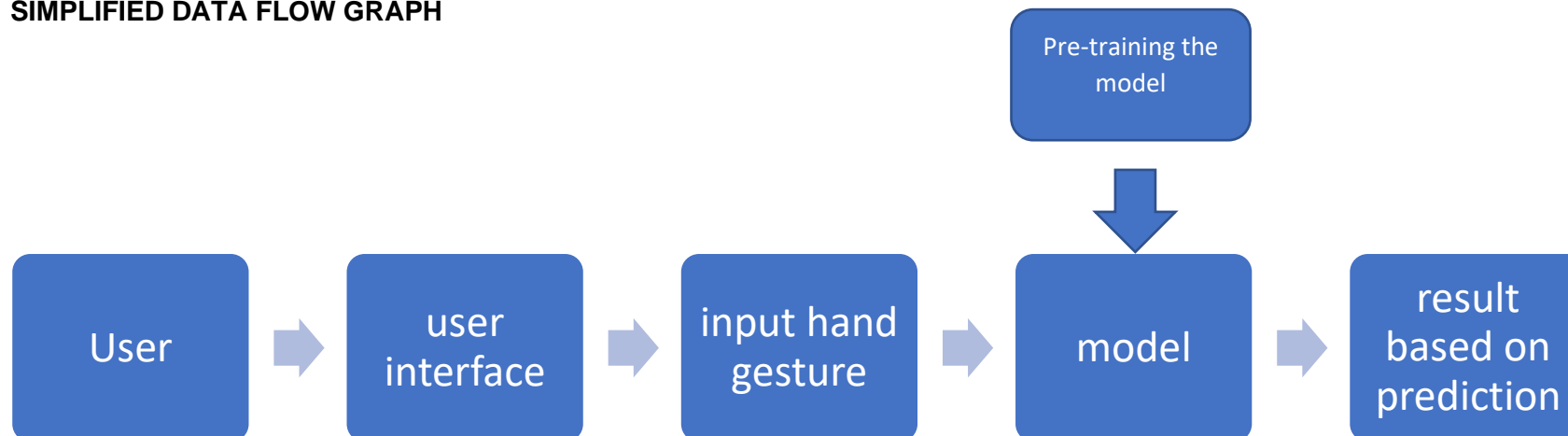
INDUSTRIAL STANDARD DATA FLOW DIAGRAM
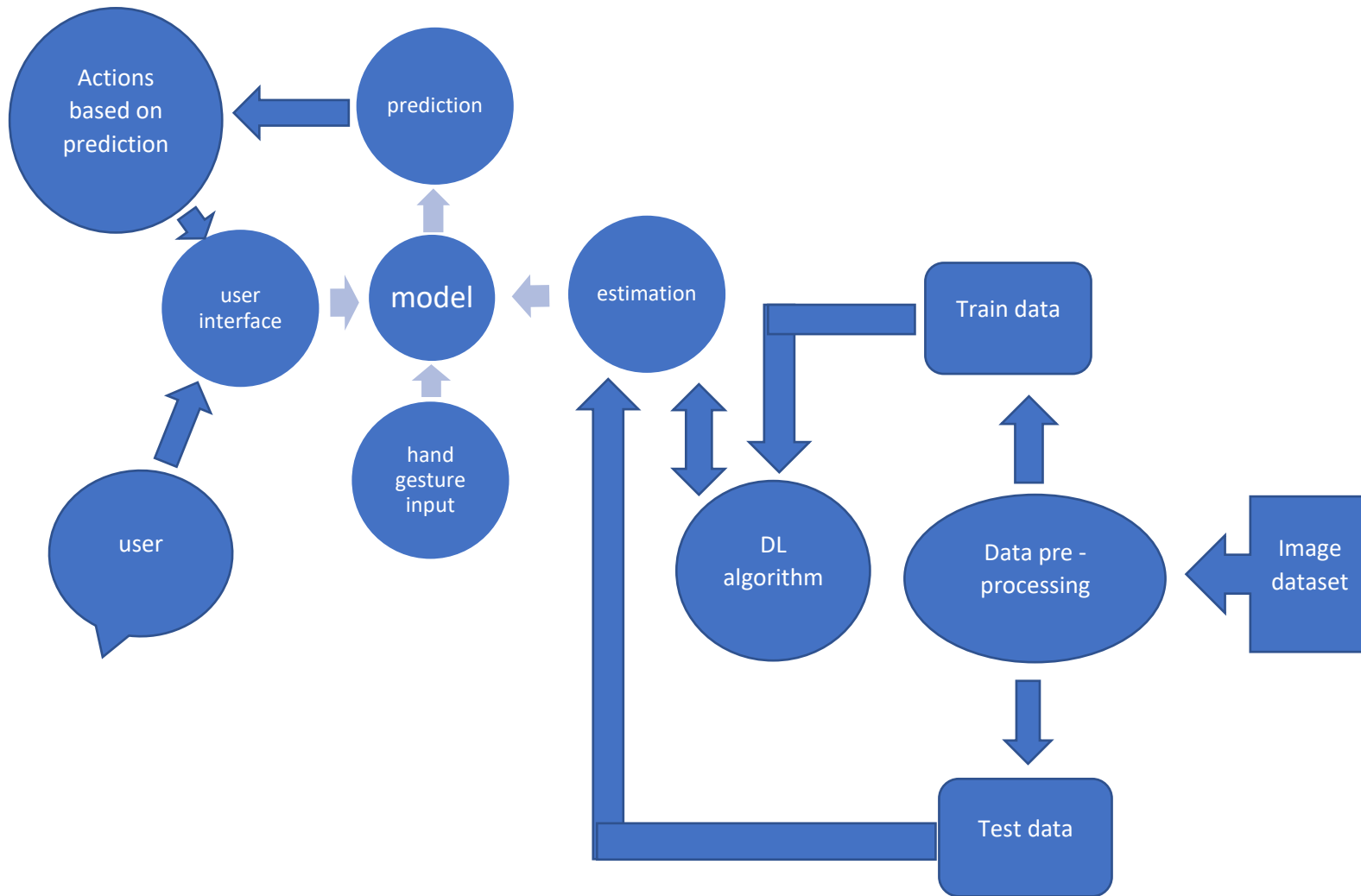
USER STORIES

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Webpage(application)	USN-1	Entering into web page application	I can access my web page	High	Sprint-1
	Upload	USN-2	As a user, I can upload my radiology image which I want to blur,rotate,zoom etc…	I can upload the image from my device	High	Sprint-1
	User interface	USN-3	As a user, I can show my hand gesture in front of the camera by turning the camera ON	I can show hand gesture	High	Sprint-2
	To know more	USN-4	As a user to know more about the application, I can click 'more'.	I can get more information	low	Sprint-3
	Model building	USN-5	Building the model ,training the and testing the model using DL ALGORITHM	I can train and test the model efficiently	High	Sprint-2
	Hand gestures	USN-6	Based on the pre-trained model,if it predicts 1 then the image is blurred	I can get the output as blurred	High	Sprint-2
		USN-7	Based on the pre-trained model, if it predicts 2 then the image is resized	I can get the output as resized	High	Sprint-2
		USN-8	Based on the pre-trained model,if it predicts 3 then the image is rotated	I can get the output as rotated	High	Sprint-2
	Procedure	USN-9	The procedure is simple, user friendly and common to every user	I can access the features as a common man	Medium	Sprint-3
	Accurate feature extraction	USN-10	The best and correct output for the given hand gesture is required	I can get required action on my image	High	Sprint-3