

Project Design Phase-II

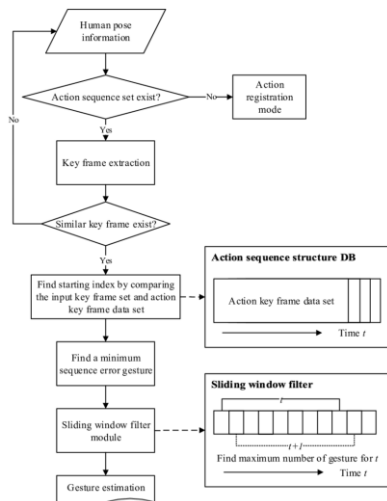
Data Flow Diagram & User Stories

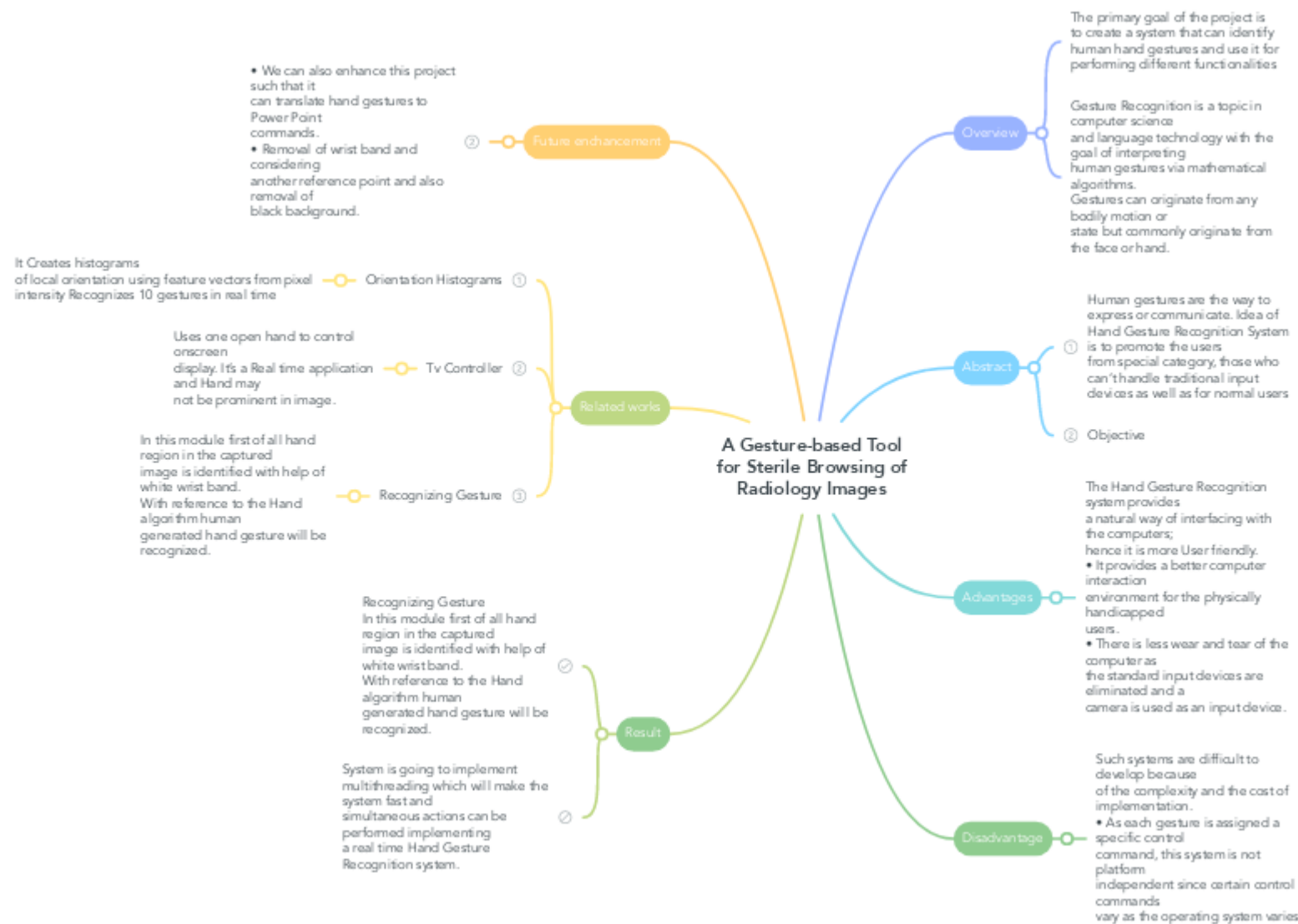
Date	03 October 2022
Team ID	PNT2022TMID18569
Project Name	A Gesture-based tool for sterile browsing of radiology images
Maximum Marks	4 Marks

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: [\(Simplified\)](#)





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 (Webcam)	Gesture Capture	USN-1	Real time capture hand / eye /arm movement.	It can be monitored by the camera to detect the movement.	High	Sprint-1
	Video image processing	USN-2	Real time Image frames from video camera	Image frames from video camera	High	Sprint-1
	Feature Extraction	USN-3	Extract the region of interest like hand region	Camera mainly focused to detect the movement of the hand	Low	Sprint-2
	Gesture Pattern Match	USN-4	Gesture classification like palm, rock, victory, like, ok etc..	It classifies the movement detected by the camera.	Medium	Sprint-1
	Perform action	USN-5	Perform an action associated with the gesture.	It gives result of the action.	High	Sprint-1