

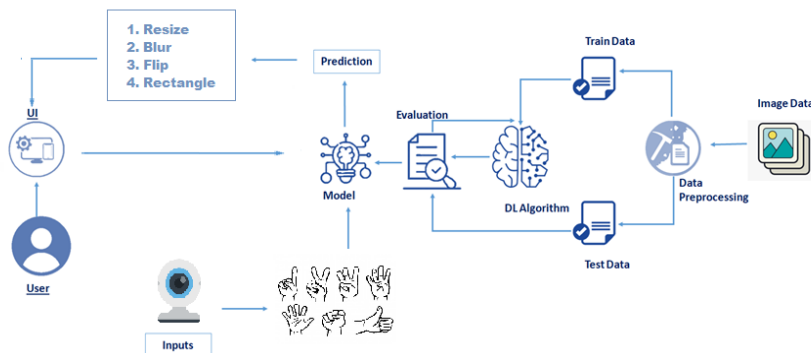
Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID42733
Project Name	Project - A Gesture-based Tool for Sterile Browsing of Radiology Images
Maximum Marks	4 Marks

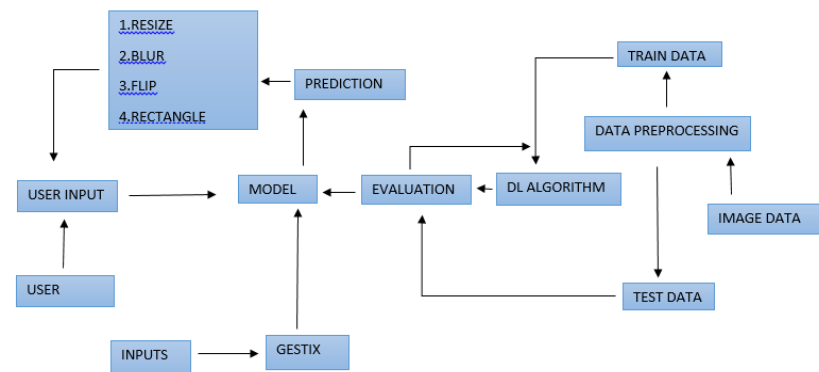
A Gesture-based Tool for Sterile Browsing of Radiology Images:

Medical imaging manipulation in the operating room (OR) requires new modalities to maintain sterility, support doctors' focus, and enable fast response times while allowing their hands to remain sterile. This paper presents "Gestix," an electronic medical record (EMR) database navigation system based on hand gestures that interprets user gestures according to an electronic medical record database. Based on the temporal trajectories of the gestures, navigation and other commands are translated into commands. When a brain biopsy was performed, "Gestix" was tested. A rapid intuitive reaction and easy interaction were achieved with this interface in the in vivo experiment. Using nonverbal conversational modalities to inform human-computer interactions provide insights into nonverbal human-computer interactions.

Example: [\(Simplified\)](#)



DATA FLOW DIAGRAM:



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	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 will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
	Dashboard	USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
Customer (Web user)	Registration	USN-4	As a user, I can register for the application through Gmail	I can access my account / dashboard	Medium	Sprint-3
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access my account / dashboard	High	Sprint-3
	Dashboard	USN-6	As a user i can view the web application where i can upload my image and the gestix would be recommended.	I can access my account / dashboard	High	Sprint-4
		USN-7	As a user the accuracy of my input should be high	I can access my account / dashboard	High	Sprint-4
Administrator	Login	USN-8	As an admin ,i can login to the website using my login credentials	I can login to the website using my login credentials	High	Sprint-5
r	Dashboard	USN-9	As a admin, i can view the report in my dashboard of the application	I can access my dashboard	High	Sprint-5