Project Design Phase-II
Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID03793
Project Name	AI - based localization and classification of skin disease with erythema
Maximum Marks	4 Marks

DATAFLOW DIAGRAM:

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.
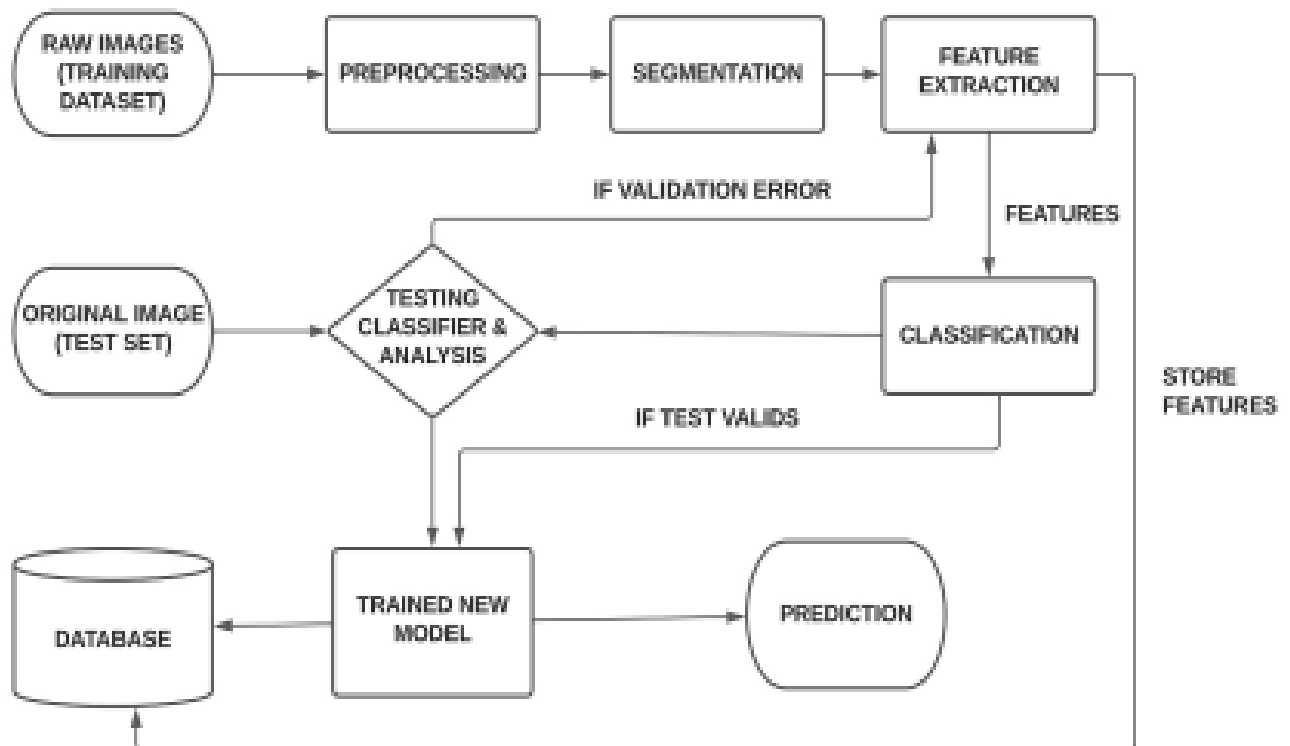
User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user, Web user)	Registration	USN-1	As a user, I can register for the application by entering my mobile number, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation SMS once I have registered for the application	I can receive confirmation SMS & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through email.	I can register & access the dashboard	Medium	Sprint-2
		USN-4	As a user, I will receive the confirmation mail	I can receive the confirmation mail and click confirm	Medium	Sprint-2
	Login	USN-5	As a user, I can log into the application by entering login credentials legitimately	I can access the dashboard by logging into the application	High	Sprint-2

	Dashboard	USN-6	As a user, I can upload my images and get my details of skin disease	I can upload my image and get the details	High	Sprint-3
	Logout	USN-7	As a user, I can logout successfully	I can logout with the confirmation of the popup message	Medium	Sprint-1
Customer Care Executive	Feedback	USN-1	As a customer care executive, I can able to interact with all the customers and get their feedback which is used to enhance the scope of project	I can get the feedback from customers which will help in improving the scope of project	Medium	Sprint-4
Administrator	Image processing, localization, Classification and Prediction	USN-1	The uploaded image is pre-processed and fed into the trained yolo model to predict the disease type and the areas affected	The uploaded image is Pre-processed and fed into the trained yolo model to predict the disease type and the areas affected	High	Sprint-4
	Report generation	USN-2	Based on the prediction of the skin disease the health care report is generated to provide	The prediction of the skin disease the health care report is generated to provide feedbacks	Medium	Sprint-4