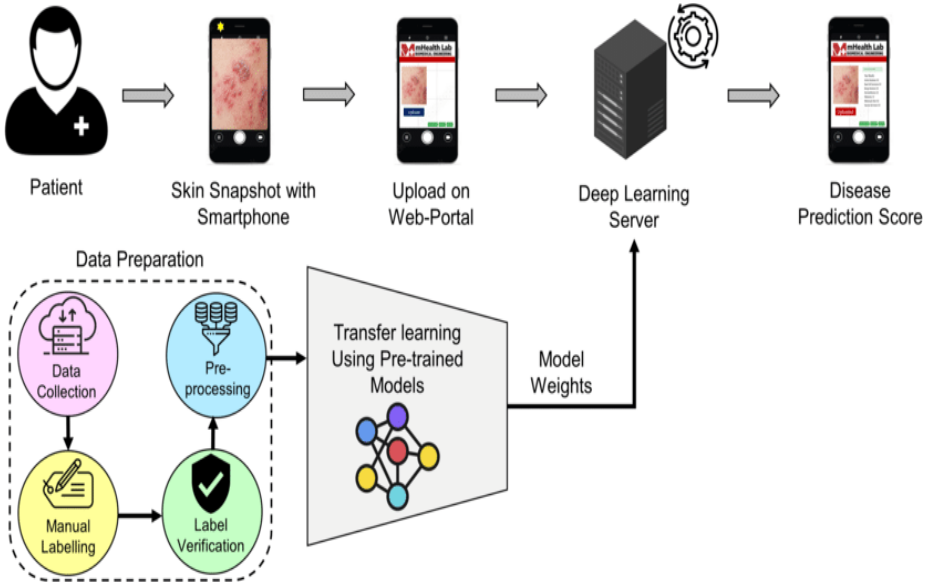
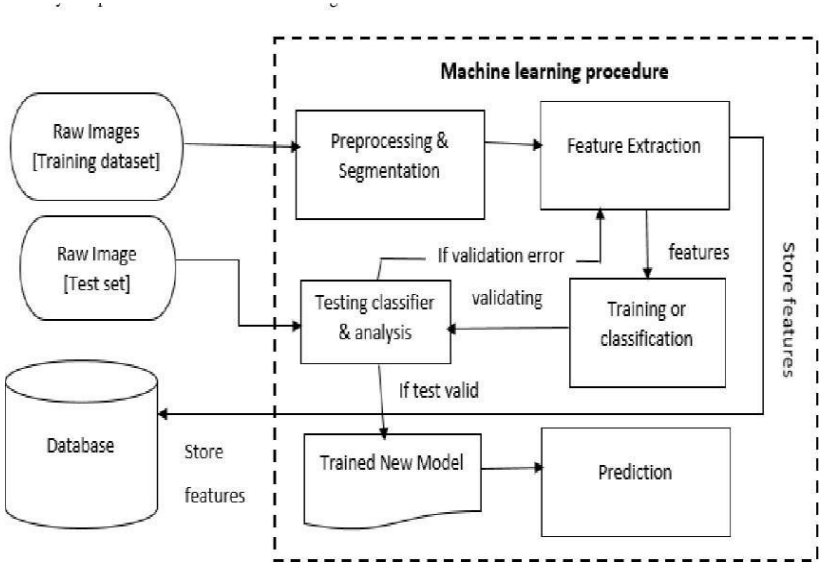
Project Design Phase-II
Data Flow Diagram

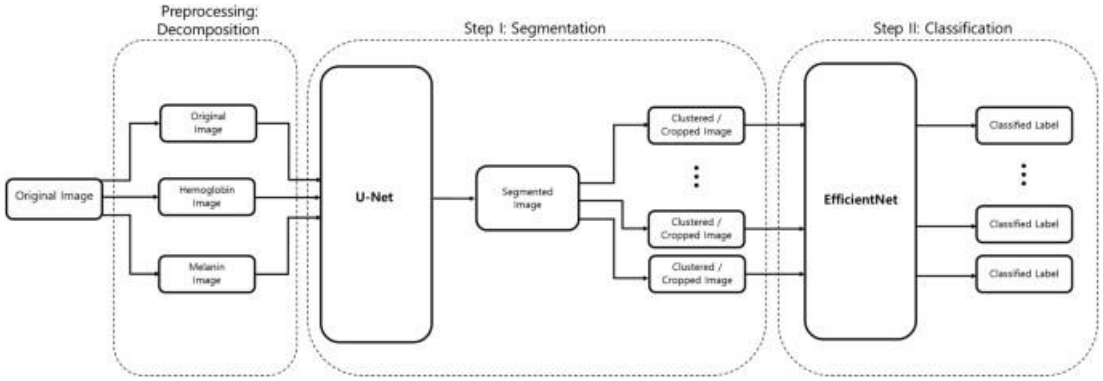
Date	03 October 2022
Team ID	PNT2022TMID28251
Project Name	AI-based localization and classification of skin disease with erythema

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.







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	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
	Confirmation	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
	Login	USN-3	As a user, I can login for the application through Gmail	I can access my account / dashboard	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password	I can access my account / dashboard	High	Sprint-1
	Dashboard	USN-5	As a user, I can see the my profile, medical history, upload image , getting report services provided by the application	I can get into one of the services and use it	Medium	Sprint-2
	Data input	USN-6	As a user, I can upload the images of the affected skin area	I can submit it to the application	High	Sprint-2
Administrator	Train model	USN-7	As a administrator , I can train a model to compare the images uploaded with the images in the database to detect the disease	I can test the model whether it meets the criteria	High	Sprint-3
Trained model	Image processing	USN-8	By comparing the images the disease will be detected with the given datasets	All the necessary operation performed and information extracted	High	Sprint-3
	Report generation	USN-9	Based on the detection of disease, report generated	The results will be shown on the screen to the patients	High	Sprint-4