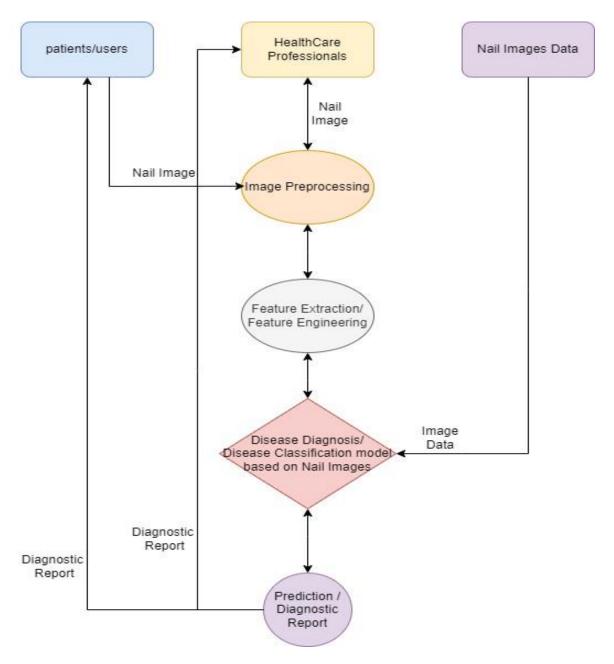## Project Design Phase-II
Data Flow Diagram & User Stories

Date	20 October 2023
Team ID	Team-592213
Project Name	Early Diagnosis of Diseases Using Image Processing of Human Nails
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 rightamount 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 (Web User)	Registration	USN-1	As a user, I want to fill my details like name, mail id, password to sign up so that I can have access to my account whenever I need.	I can access my account Through registered mail id.	High	Sprint-1
		USN-2	As a user, I want to receive confirmation email once I have filled signup form so that I can verify whether email address is correct or not.	I can receive confirmation email & click confirm	High	Sprint-1
	Login	USN-3	As a user, I want to log into the application by entering correct email & password so that I can access the portal	The system should verify whether password is correct or not	High	Sprint-1
	Password Recovery	USN-4	As a user, I want the option to recover my account password in case I forget it, to regain access to my account.	The system should provide a secure password recovery mechanism via email or phone verification.	Low	Sprint-3
	Access Account History	USN-5	As a user, I want to view my account activity and transaction history to track my usage and monitor any changes or activities within my account.	The system should provide a clear and comprehensive account history log, including details of transactions, logins, and other relevant activities.	Medium	Sprint-2
Healthcare Professionals/Patients (Web User)	Image Upload	USN-6	As a healthcare professional, I want to upload nail images for disease prediction.	The system should allow the user to upload high-resolution images securely.	High	Sprint-1
Developers	Algorithm Improvement	USN-7	As a developer, I want to continuously update and refine the deep learning algorithm for enhanced disease prediction accuracy.	The system should allow developers to integrate new data and update the algorithm seamlessly without disrupting the user experience.	Medium	Sprint-2
System Administrators	Data Management	USN-8	As a system administrator, I want to ensure the secure storage and management of patient data and images.	The system should employ robust encryption and access control measures to protect sensitive patient information.	Medium	Sprint-2