Project Design Phase-II
Data Flow Diagram & User Stories

Date	23 October 2023
Team ID	Team-593093
Project Name	Deep Learning Model For Eye Disease Prediction
Maximum Marks	4 Marks

Data Flow Diagrams:

Data Flow Diagram - Eye disease prediction using Transfer Learning
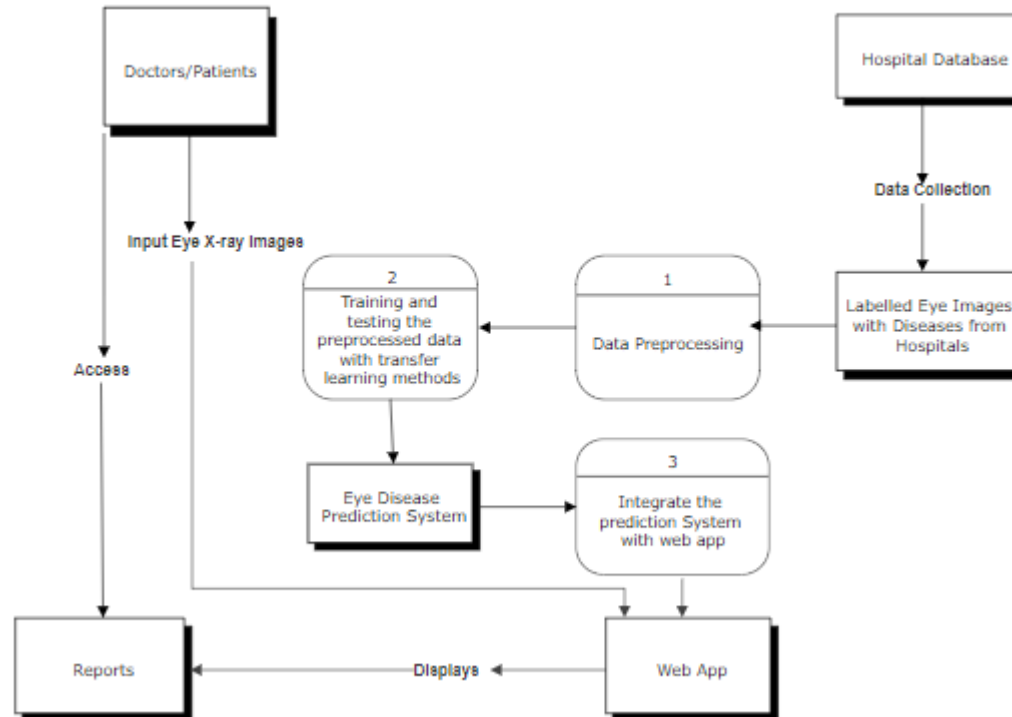
User Stories For Eye Disease Prediction Project

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Healthcare Professional	Eye Disease Prediction System	USN-1	As a healthcare professional, I want to upload patient data and retinal images for eye disease prediction, so I can quickly assess a patient's eye health.	The system accepts patient data and retinal images. The uploaded data is validated for correctness. The system provides an initial prediction or risk assessment for the patient.	High	Sprint-1
		USN-2	As a healthcare professional, I want to view detailed predictions for a patient, including disease category, risk level, and supporting data, so I can make informed decisions.	The system displays the disease category and risk level. It shows relevant patient data (age, gender, etc.). It provides visualizations for better understanding.	High	Sprint-1
Patient	Patient Portal	USN-3	As a patient, I want to access my eye disease prediction report and recommendations online, so I can be proactive about my eye health.	The system provides a secure login for patients. Patients can view their eye disease prediction reports. The system offers recommendations for next steps.	Medium	Sprint-2
		USN-4	As a patient, I want to receive email notifications when my eye disease prediction is ready, so I can stay informed about my health status.	Patients receive email notifications upon report generation. Notifications include a secure link to the patient portal.	Medium	Sprint-2
System Admin	System Management	USN-5	As a system admin, I want to monitor the system's performance and ensure data security, so I can maintain the system's reliability.	The admin dashboard provides real-time system performance metrics. It alerts the admin about any security breaches or anomalies.	High	Sprint-1
		USN-6	As a system admin, I want to update the deep learning model with new data and research, so I can improve the system's accuracy over time.	The admin can upload new datasets for model retraining. The system documents the model's performance after updates.	High	Sprint-1