Project Design Phase-II
Data Flow Diagram & User Stories

Date	16 October 2022
Team ID	PNT2022TMID24469
Project Name	Deep learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy
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 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.

```
                              Start

                                |
                                v

                        Retinal fundus
                            images

                                |
                                v

                      Image preprocessing

                                |
                                v

                        Image analysis

                                |
                                v

                                              No
                        Disease      ------------------>      End
                        detected

                                |
                              Yes

                                v

                    Report on infection stage
```
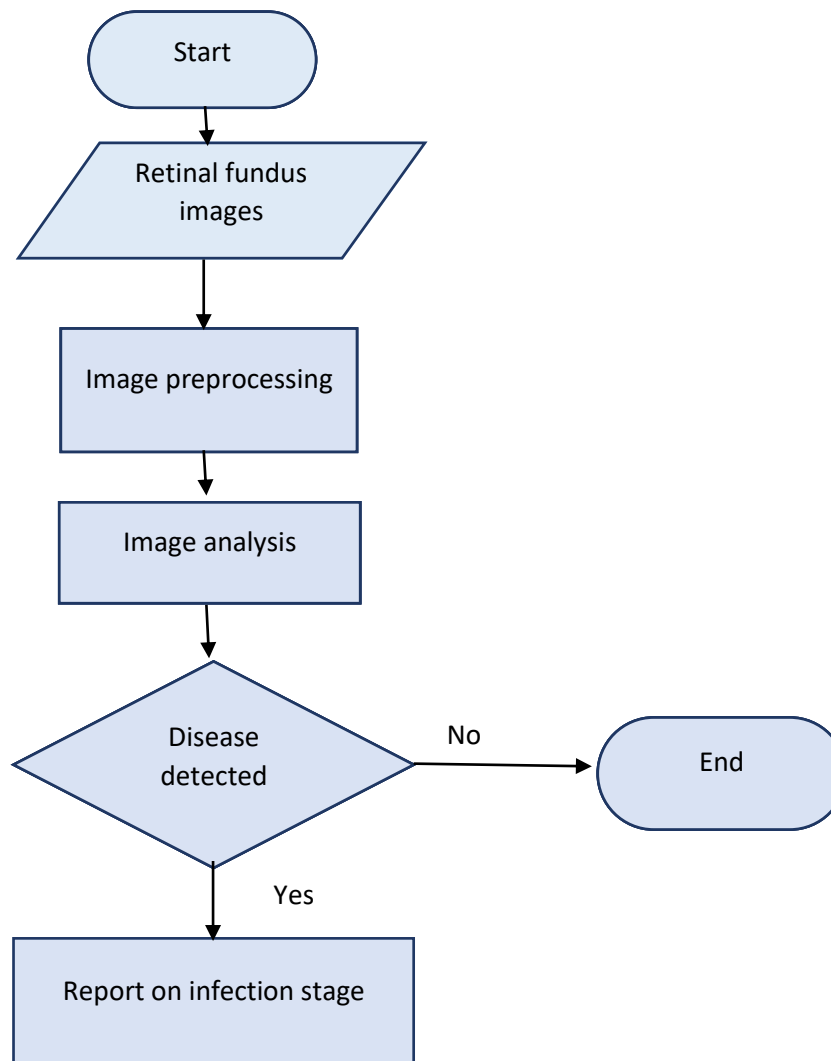
User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Diabetic patient	Image input	USN-1	As a user, I should be able to upload images easily.	Yes I can upload images easily without any difficulty.	High	Sprint-1
		USN-2	It should not consume more time.	It is not consuming more time	High	Sprint-1
		USN-3	As a user, I should get the diagnosis report easily.	I can get the diagnosis report easily.	Low	Sprint-2
		USN-4	As a user, I should know the severity stages in detection.	I can know the present infection stage	Medium	Sprint-3
		USN-5	As a user, I should be able to get medical assistance and advice using the report from doctors.	I can easily able to get medical assistance.	High	Sprint-3