Project Design Phase-II
Data Flow Diagram & User Stories

Date	10 October 2022
Team ID	PNT2022TMID27696
Project Name	Project - Deep Learning Fundus Image Analysis For Early Detection Of Diabetic Retinopathy
Maximum Marks	4 Marks

Data Flow Diagrams:

```
                        ┌─────────────────┐
                        │      Start      │
                        └─────────────────┘
                                 │
                                 ▼
                        ┌─────────────────┐
                        │ Diabetic        │
                        │ Retinopathy     │
                        │ Screening       │
                        └─────────────────┘
                                 │
                                 ▼
                         ╱─────────────────╱
                        ╱   Fundus Image  ╱
                       ╱─────────────────╱
                                 │
    ┌──────────────┐             ▼
    │ Retina Fundus│    ┌─────────────────┐
    │ Image Dataset│───▶│ Pre-Processing  │
    └──────────────┘    └─────────────────┘
                                 │
                                 ▼
                        ┌─────────────────┐
                        │ Feature         │
                        │ Extraction      │
                        └─────────────────┘
                                 │
                                 ▼
                        ┌─────────────────┐
                        │    Detection    │
                        └─────────────────┘
                                 │
                                 ▼
                        ┌─────────────────┐
                        │ Disease         │
                        │ Classification  │
                        │ Stage           │
                        └─────────────────┘
                                 │
                                 ▼
                        ┌─────────────────┐
                        │      Stop       │
                        └─────────────────┘
```
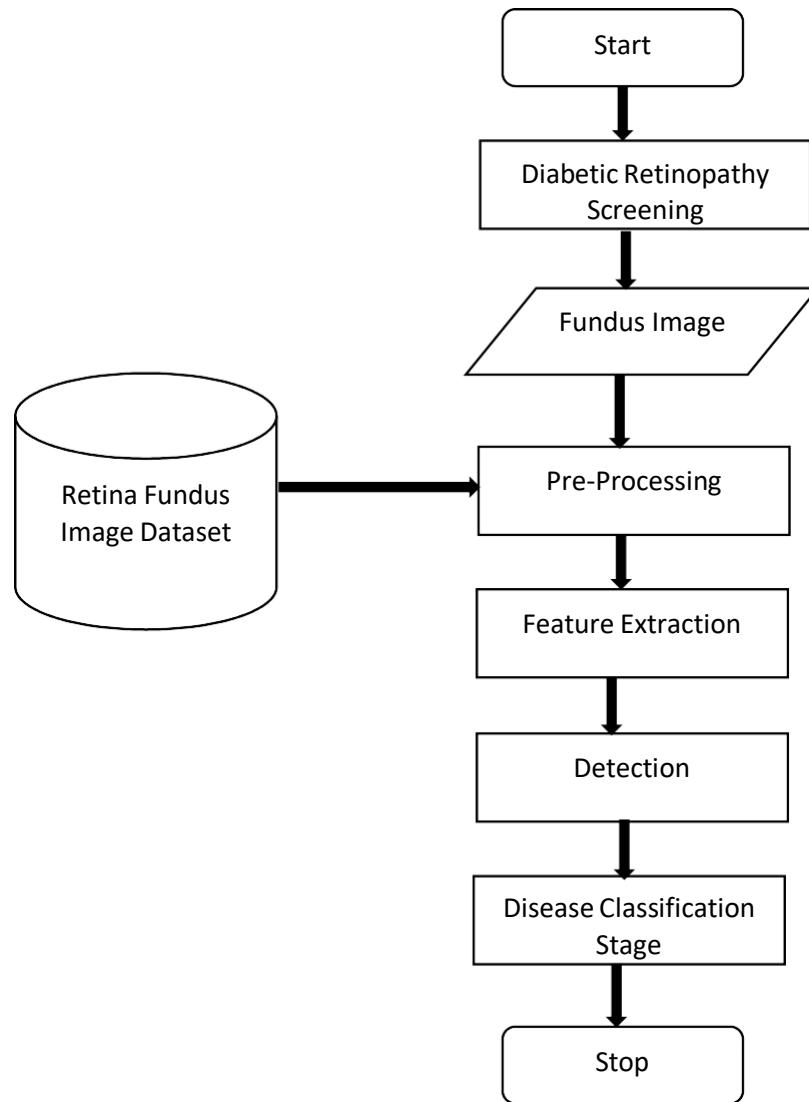
User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Dashboard	USN-1	As a user, I can I must be able to upload image of my eyes	I can upload or take image	High	Sprint-1
		USN-2	As a user, I will receive the diagnosis as to whether I have retinopathy or not	I can receive the diagnosis	High	Sprint-1
		USN-3	As a user, I receive the severity of the retinopathy	I can receive the severity of the retinopathy	Medium	Sprint-2
		USN-4	As a user, I can receive the suggested remedy	I can receive the suggested remedy	Medium	Sprint-2