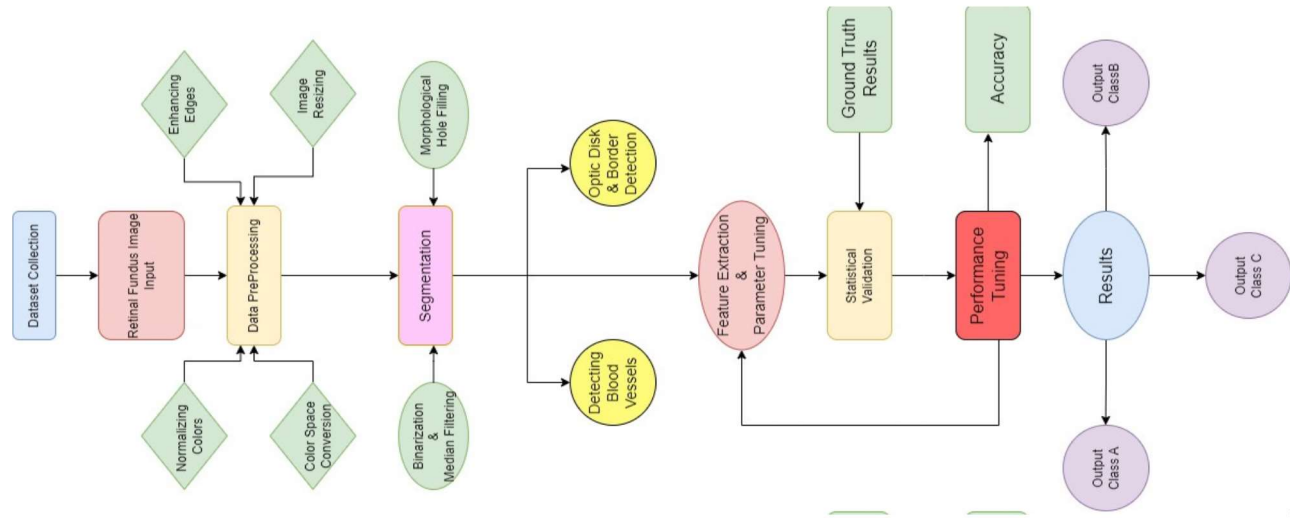


**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

|               |   |
|---------------|---|
| Date          | 03 November 2023  |
| Team ID       | Team 591668   |
| 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.



**User Stories :**

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task   | Acceptance criteria  | Priority | Release  |
|-----------|-------------------------------|-------------------|---|--|----------|----------|
| Patient   | Registration                  | USN-1             | As a user, I can check whether I have retinopathy or not by uploading the image of my eye and entering details. | Create my account .  | High     | Sprint-1 |
|           | Login page                    | USN-2             | As a user, I can register and login through my email ID.  | I can login and access my data within the application.                                   | High     | Sprint-1 |
|           | Downloading reports           | USN-3             | Option to download the predicted report in pdf format.  | You can view reports at any time.  | Low      | Sprint-2 |
|           | Data security                 | USN-4             | All my data should be secured and private. No compromises should be made.                                       | Encryption of Database.  | Medium   | Sprint-1 |
|           | Data storage                  | USN-5             | As a user, I can view the history of my image predictions.  | Storing all the predictions in the database and being able to retrieve the data anytime. | High     | Sprint-1 |
|           | Diagnosis                     | USN-6             | I can access the results and can further move on to treatments.   | Can access the reports and continue with further treatment.                              | High     | Sprint-1 |

|               |                              |        |   |  |      |          |
|---------------|------------------------------|--------|---|--|------|----------|
|               | Durability and Accessibility | USN-10 | I can check my vision at any time and anywhere without visiting hospitals very often. | Can get results in a short time.               | Low  | Sprint-2 |
| Administrator | Admin Login                  | USN-7  | Can login and analyze users information.  | Can login and access the user data.            | High | Sprint-3 |
|               | Data Collection              | USN-8  | Gather data as admin.   | Can Collect the data from different resources. | High | Sprint-1 |
|               | Model Evaluation             | USN-9  | Based on the reports, I should be able to create a model to analyze the data.         | Can create and train the model.                | High | Sprint-2 |