**Project Design Phase-I**

**Solution Architecture**

|  |  |
| --- | --- |
| **Date** | 18 October 2022 |
| **Team ID** | PNT2022TMID37928 |
| **Project Name** | Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy |
| **Maximum Marks** | 4 Marks |
| **Team Leader** | SRIKARAN S |
| **Team Members** | SURESHKUMAR J ,TAMILARASAN N,SIVARAMAKRISHNAN M |
| **Team Mentor** | AKILA R |

**Solution Architecture:**

Goals are to:

* Collect the datasets from various sources Like Google, Bink etc.
* Train the datasets and update using the eye analysis
* Give the images as input and process the output
* Using the images given it predicts the disease and provides the output by giving the Doctor Advice or Treatment.

**Solution Architecture Diagram:**

The architectural diagram for the project to detect the eye disease is as follows:

