Project Design Phase-I
Proposed Solution

Date	27 October 2022
Team ID	PNT2022TMID29184
Project Name	Project - Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy.
Maximum Marks	2 Marks

Proposed Solution:

Project team shall fill the following information in proposed solution.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Diabetic Mellitus is a chronic disease where blood glucose level tends to increase due to the lack or inability of the pancreas to secrete sufficient blood insulin.Adverse effects of diabetes on human organs especially eyes.Here one of the complicated disease termed as Diabetic Retinopathy, that can cause severe injury and it leads to vision loss.
2.	Idea / Solution description	To detect the Diabetic Retinopathy in early stage to avoid these eye injuries and vision loss.
3.	Novelty / Uniqueness	From this detection strategy of Deep Learning platform, It is more secure and safe in the detection procedure. It is fast and accurate in their results.
4.	Social Impact / Customer Satisfaction	Many of the people can gaining this by getting warning and a large prevention from the vision loss of Diabetic Retinopathy.
5.	Business Model (Revenue Model)	It increase the efficiency by detecting it in a early stage of the disease.
6.	Scalability of the Solution	It can be lead to a long term solution for all diabetes disease in the medical field.