Project Design Phase-I
Proposed Solution Template

Date	1 October 2022
Team ID	PNT2022TMID34131
Project Name	Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To detect Diabetic Retinopathy in early stage using AI based technology to prevent vision loss.
2.	Idea / Solution description	To detect all the stages of Diabetic Retinopathy efficiently in a cost-effective manner using emerging AI technologies.
3.	Novelty / Uniqueness	Minimal human involvement and radiation free detection method.
4.	Social Impact / Customer Satisfaction	Economically affordable and to create a society without vision loss due to Diabetic Retinopathy.
5.	Business Model (Revenue Model)	Easily marketable and profitable with greater customer satisfaction.
6.	Scalability of the Solution	Best design practices using right tools and framework to increase the throughput. Best user experience using realistic screening methods.