Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID33204
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
•	Problem Statement (Problem to be solved)	• Diabetic retinopathy is a leading cause of vision loss globally.Early detection of retinopathy increases the chances of treatment being effective and stop getting worse.
•	Idea / Solution description	• You can reduce your of developing DR by keeping your blood sugar levels,blood pressure and cholesterol levels under control andPay attention to the vision changes.
•	Novelty / Uniqueness	• IDX-DR is an AI diagnostic system that autonomously diagnosis patients for diabetic retinopathy. • No need for specialist overread or telemedicine call backs. • A Simple user interface. • customised workflow integration solution.
•	Social Impact / Customer Satisfaction	• Helps in preventing the loss of visibility to the needed through CSR activities or through healthcare camps.
•	Business Model (Revenue Model)	• Can collaborate with diagnosis centers and hospitals and government for health awareness camps.
•	Scalability of the Solution	• Agreement was high ,and exams containing more than minimal DR were detected.IDX-DR analyzes images for signs of diabetic retinopathy is accurate and providing results in 30seconds.