Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID05694
Project Name	DEEP LEARNING FUNDUS IMAGE ANALYSIS FOR EARLY DETECTION OF DIABETIC RETINOPATHY.
Maximum Marks	2 Marks

Proposed Solution

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 pressureand cholesterol levels under control and pay 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 over read or telemedicinecall 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 sign of diabetic retinopathy is accurate and providing results in 30seconds.