

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID24435
Project Name	Project-53568-1661418489
Maximum Marks	2 Marks

Proposed Solution :

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Low cost Eye testing and efficient results, like computer aided testing.
2.	Idea / Solution description	AI has been applied to image based medical field and suitable for processing complex image AI can assist diabetic retinopathy
3.	Novelty / Uniqueness	Owing the characteristics of DL the training set have abundant and high quality images. Which will be easy and appropriate to evaluate
4.	Social Impact / Customer Satisfaction	Quality of life of the diabetics with retinopathy Can be improved and they can lead a life with colour full vision
5.	Business Model (Revenue Model)	As the testing and analysing is taken under low cost this can be developed into a business model so that it can help both the patient and the developer
6.	Scalability of the Solution	Cost of the diabetic retinopathy treatment is about 60,000-1,00,000 which can be reduced effectively which can be helpful for the patient and the product developer can also gain profit as the invested cost is also low