

## Project Design Phase-I Proposed Solution Template

Date	06 May 2023
Team ID	PNT2022TMID-NM2023TMID00279
Project Name	Project -ODIR: Seeing the Big Picture for Eye Health

### Proposed Solution Template:

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

S.No.	Parameter	Description
<input type="checkbox"/>	Problem Statement (Problem to be solved)	ODIR: Seeing the Big Picture for Eye Health. Deep Learning project to build an image recognition model that can detect the multiple eye diseases.
<input type="checkbox"/>	Idea / Solution description	I was introduced to a software company based in Sydney that had the foresight to develop such a platform to solve this problem.
<input type="checkbox"/>	Novelty / Uniqueness	Transfer learning has become one of the most common techniques that has achieved better performance in many areas, especially in image analysis and classification.
<input type="checkbox"/>	Social Impact / Customer Satisfaction	We used Transfer Learning techniques like Inception V3, VGG19, Xception V3 that are more widely used as a transfer learning method in image analysis and they are highly effective.
<input type="checkbox"/>	Business Model (Revenue Model)	In this project we are classifying various types of Eye Diseases that people get due to various reasons like age, diabetes, etc.
<input type="checkbox"/>	Scalability of the Solution	These diseases are majorly classified into 4 categories namely Normal, cataract, Diabetic Retinopathy & Glaucoma.