Project Design Phase-I
Proposed Solution Template

Date	06 May 2023
Team ID	NM2023TMID07102
Project Name	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
1.	Problem Statement (Problem to be solved)	The world faces considerable challenges in terms of eye care, including inequalities in the coverage and quality of prevention, treatment and rehabilitation services; a shortage of trained eye care service providers; and poor integration of eye care services into health systems, among others. Therefore,there is a need for an advanced health care for peoples.
2.	Idea / Solution description	An ODIR-seeing the big picture for eye health is a solution to the problem of finding condition of the eye health. The system uses cameras and images to detect the health and guide peoples to them. The system uses OpenCV,an open-source computer vision library, toprocess images captured by cameras installed in the hospitals.The system first identifies and analyzing the images captured by thecameras. It then uses machine learning algorithms to predict the health conditions based on historical data. The system that displays real-time information about available parking spots.
3.	Novelty / Uniqueness	The use of AI and OpenCV technology in eye care systems is a novel approach that offers several advantages over traditional systems. The system is highly accurate in detecting condition , reducing the time taken to find a spot. The use of machine learning algorithms enables the system to predict the health of spots accurately. The app-based guidance system provides an easy-to-use interface for health centers.

4.	Social Impact / Customer Satisfaction	Vision is directed at ministries of health, development agencies, civil society organizations and researchers, practitioners and policy-makers from the field of eye care. It is hoped that by shaping the global agenda on vision, the report will assist Member States and their partners in their efforts to reduce the burden of eye conditions and vision loss and achieve the Sustainable Development Goals (SDGs), particularly SDG target 3.8 on universal health coverage.
5.	Business Model (Revenue Model)	The revenue model for this business could be based on a subscription-based service. The people would pay a monthly fee for the use of the system, and customers would pay for health care centers as usual. The system's cost could be offset by the increased efficiency in managing parking spaces, resulting in higher revenue for the people.
6.	Scalability of the Solution	The using ODIR-seeing the big picture for eye health OpenCV is highly scalable and can be implemented in any location with a parking lot. The system can be customized to suit different sizes and configurations, making it adaptable to various locations. Additionally, the system's machine learning algorithms can be continuously improved to enhance accuracy and predictability.