Project Initialization and Planning Phase

Date	2 October 2024
Team ID	739759
Project Name	OptiInsight - Revolutionizing Ophthalmic Care With Deep Learning For Predictive Eye Disease Analysis
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

In today's fast-paced world, healthcare providers often face challenges in detecting eye diseases, such as diabetic retinopathy and glaucoma, at an early stage. Traditional diagnostic methods rely heavily on manual analysis of ophthalmic images, which is often time-consuming, subjective, and prone to human error. This leads to delays in diagnosis and treatment, resulting in preventable vision loss and a higher burden on patients and healthcare systems.

Reference: https://miro.com/templates/customer-problem-statement/ **Example:**

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	An ophthalmologist or healthcare professional	Improve the accuracy and efficiency of eye disease diagnosis	Current methods are time-consuming, subjective, and prone to human error .	This leads to delayed diagnosis, inappropriate treatment, and potentially irreversible vision loss.	Frustrated and overwhelmed by the timeconsuming and error-prone nature of current diagnosis methods. .

PS-2	A person at risk of eye disease or with a family history of eye problems	Detect eye diseases at early stages, before they progress and cause significant vision loss	Existing screening methods are often limited in their ability to identify early-stage conditions	Early detection is crucial for effective treatment and preventing vision loss.	Concerned about the potential for undetected eye diseases and the consequences of delayed diagnosis.