

Ideation Phase

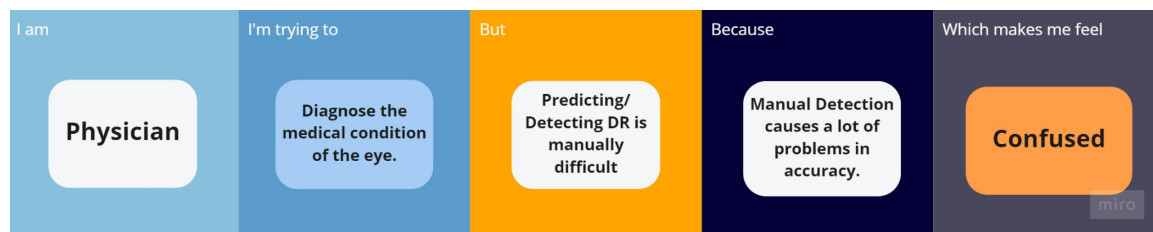
Define the Problem Statements

Date	24 September 2022
Team ID	PNT2022TMID16537
Project Name	Project - Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy
Maximum Marks	2 Marks

Problem Statement 1:



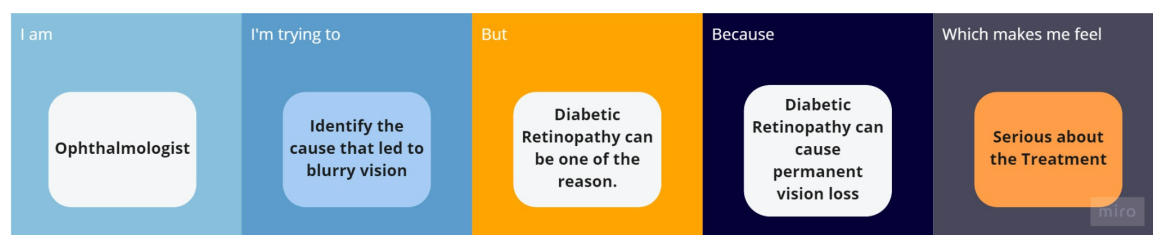
Problem Statement 2:



Problem Statement 3:



Problem Statement 4:



Problem Statement (PS) 👁️👁️	I am 💡	I'm trying to 🤔	But 🤖	Because 😞	Which makes me feel 😞
PS-1	Doctor	Detect Diabetic Retinopathy	Have to analyze the medical condition of the patient	To know the level or stage of the Diabetic Retinopathy	Complex
PS-2	Physician	Diagnose the medical condition of the eye.	Predicting/Detecting DR is manually difficult	Manual Detection causes a lot of problems in accuracy.	Confused
PS-3	Ophthalmologist	Identify the cause that led to blurry vision	Diabetic Retinopathy can be one of the reason.	Diabetic Retinopathy can cause permanent vision loss	Serious about the Treatment
PS-4	Eye specialist	Suggest a treatment for DR	Analyze the level of DR	The Treatment depends on the level of DR	Embarrassed