Ideation Phase
Define the Problem Statements

Date	07-11-2022
Team ID	PNT2022TMID52049
Project Name	DeepLearning FundusImageAnalysisforEarly DetectionofDiabetic Retinopathy
Maximum Marks	2Marks

Customer Problem Statement Template:
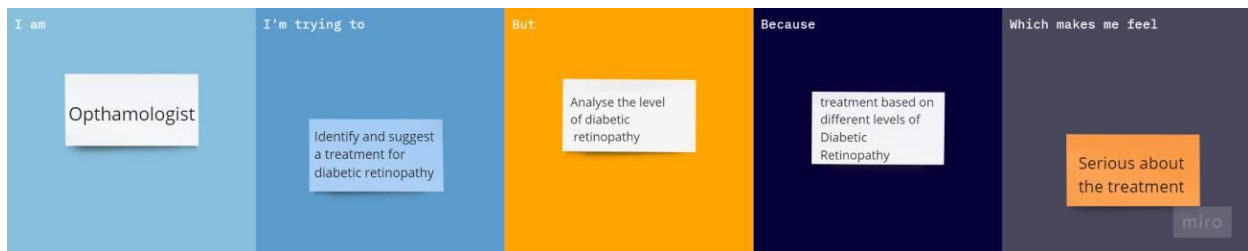
Problem Statement:

Given a image of left and ríght eye of the patient, the main aim of the píoject is to classify the eye status among one of the following classes 0 - No DR, 1 - Mild, 2 - Modeíate, 3 - Seveíe, 4 - Píolifeíative DR. So mytask is to cíeate an automated analysis system capable of assigning a scoíe based on the above scale.

1°he detection of this DR in eaíly stages manually is a difficult task. Since a Deep leaíning techniques aíe used foí eaíly detection of diabetic íetinopathy.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Physician	Detect and diagnose condition of an eye	Analysing, píediction , detection is manually difficult	Difficulty in predicting accuracy and contains many stages	complex
PS-2	Opthamologist	Identify and suggest a treatment for diabetic retinopathy	Analyse the level of diabetic retinopathy	Treatment based on different levels of Diabetic Retinopathy	Serious about the treatment