

# Ideation Phase

## Define the Problem Statements

|               |   |
|---------------|---|
| Date          | 20 october 2022   |
| Team ID       | PNT2022TMID23784  |
| Project Name  | Project - Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy |
| Maximum Marks | 2 Marks   |

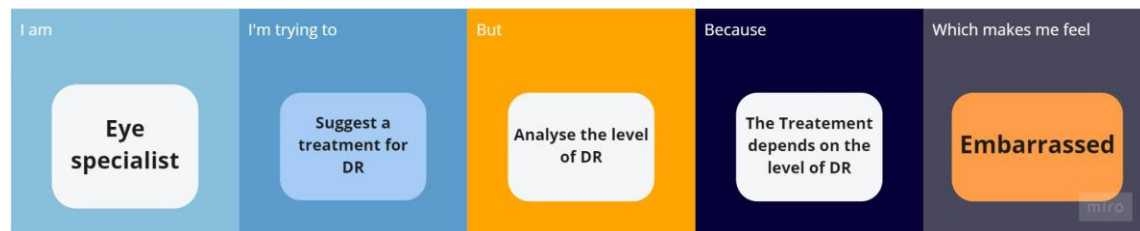
### Problem Statement 1:



### Problem Statement 2:









### Problem Statement 3:



### Problem Statement 4:



| <b>Problem Statement (PS)</b> <br> | <b>I am</b><br> | <b>I'm trying to</b><br> | <b>But</b>   | <b>Because</b><br> | <b>Which makes me feel</b><br> |
|---|--|---|--|---|---|
| <b>PS-1</b>   | <b><i>Doctor</i></b>   | Detect Diabetic Retinopathy   | Have to analyze the medical condition of the patient | To know the level or stage of the Diabetic Retinopathy  | Complex   |
| <b>PS-2</b>   | <b><i>Physician</i></b>  | Diagnose the medical condition of the eye.  | Predicting/Detecting DR is manually difficult        | Manual Detection causes a lot of problems in accuracy.  | Confused  |
| <b>PS-3</b>   | <b><i>Ophthalmologist</i></b>  | 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   |
| <b>PS-4</b>   | <b><i>Eye specialist</i></b>   | Suggest a treatment for DR  | Analyze the level of DR                              | The Treatment depends on the level of DR  | Embarrassed   |