

Ideation Phase

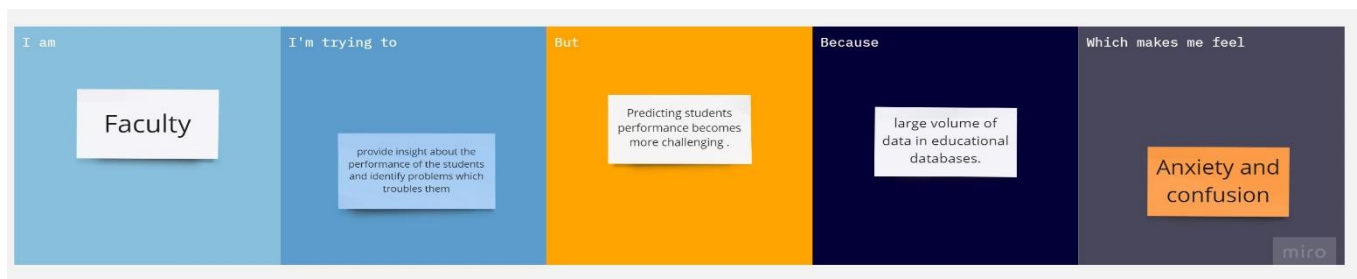
Define the Problem Statements

Date	20 October 2023
Team ID	NM2023TMID02554
Project Name	Project - Unleashing the Potential of the Youth: A Student Performance Analysis.
Maximum Marks	2 Marks

Customer Problem Statement Template:

Predicting student performance becomes more challenging due to the large volume of data in educational databases. The lack of existing system to analyse and monitor the student progress and performance is not being addressed. There are two main reasons of why this is happening. First, the study on existing prediction methods is still insufficient to identify the most suitable methods for predicting the performance of students. Second is due to the lack of investigations on the factors affecting student achievements in particular courses. Therefore, a systematic literature review on predicting student performance by using data analytics is proposed to improve student achievements.

The faculty cannot find out student abilities and their interest easily so that they can enhance them in it. Thus, it may affect with poor university results, placement and career of individual. The impact is that it helps us from fulfilling mission and vision of the institute. This Student performance analysis project can be used to inform decisions about how to support students and to tailor instructions and interventions to meet the needs of individual students or groups of students



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Faculty	provide insight about the performance of the students and identify problems which troubles them.	Predicting student performance becomes more challenging.	large volume of data in educational databases.	Anxiety and confusion