

Ideation Phase

Define the Problem Statements

Date	03 Oct 2023
Team ID	NM2023TMID03082
Project Name	Unleashing the Potential of Our Youth: A Student Performance Analysis
Maximum Marks	2 Marks

Problem Statement:

In an increasingly competitive and data-driven educational landscape, it is crucial for educational institutions to employ effective tools and strategies to analyse and enhance student performance.

The problem at hand is to develop a comprehensive system that can collect and analyse data related to student performance, identify key factors affecting academic achievement, and propose interventions to improve overall student outcomes.

I am	Describe customer with 3-4 key characteristics - who are they?	Describe the customer and their attributes here
I'm trying to	List their outcome or "job" the care about - what are they trying to achieve?	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way - what bothers them most?	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problem or barrier exists - what needs to be solved?	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view - how does it impact them emotionally?	Describe the emotions the result from experiencing the problems or barriers

Reference: <https://miro.com/templates/customer-problem-statement/>

Example

I am	I'm trying to	But	Because	Which makes me feel
a traveler	book flights on my phone	it takes a long time	The website is not responsive and doesn't have a mobile version	Frustrated

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A Student	Improve my grades.	I struggle to identify where I need help in my studies.	I want to succeed academically and have better opportunities in the future.	Frustrated and unsure about how to perform better in my studies.
PS-2	A Student	Manage my time effectively.	I often find it challenging to balance coursework and other responsibilities.	I want to excel in my studies without sacrificing other aspects of my life.	Stressed & overwhelmed.
PS-3	A Student	Trying to find the right resources for my studies.	It's challenging to know which materials are most effective.	I want to use the best resources to enhance my learning.	Confusion & Uncertainty.
PS-4	A Student	Trying to set academic goals.	I struggle to define clear and achievable objectives.	I want to have a sense of direction in my studies and know what I'm working towards.	Lost & Unsure.
PS-5	A Student	Trying to cope with stress and anxiety related to exams and assignments.	I am unable.	I want to maintain my mental and emotional well-being while pursuing academic success.	Anxious and Fearful.