

Ideation Phase
Define the Problem Statements

Date	9 September 2022
Team ID	PNT2022TMID15570
Project Name	Developing a Flight Delay Prediction Model using Machine Learning
Maximum Marks	2 Marks

Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

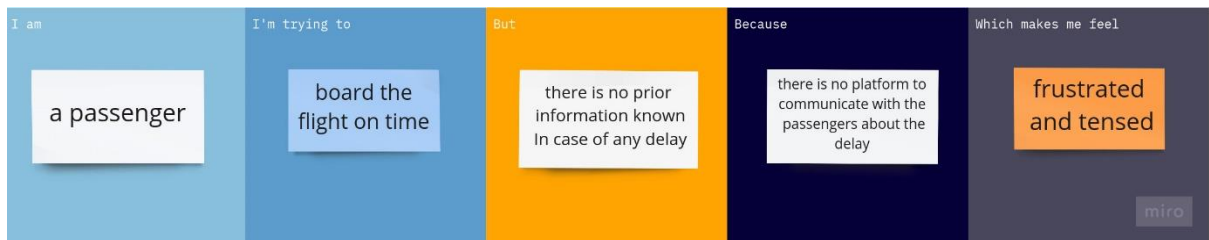
A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

PROBLEM STATEMENT

Questions	Description
who does the problem affect?	Air passengers who often travel in flight.
What are the boundaries of the problem?	Passenger group(business people,tourists,civilians)
What is the issue?	Massive levels of aircraft delays on the ground and in the air.
Why does the issue occur?	Flight delay may occur due to technical malfunction ,late arrival ,thunderstorm ,other extraordinary circumstance.
Why is it important that we fix the problem?	Flight delays are responsible for large economic and

	<p>environmental losses. We need to fix this so that passenger can reach the airport on time knowing about the delay before hand and to have peaceful journey without unnecessary waits.</p>
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Developing a Flight Delay Prediction Model using Machine Learning



Problem Statement (PS)	I am	I'm trying to	But	Because	Which makes me feel
PS-1	A passenger	Board the flight on time	There is no prior information known in case of any delay	There is no platform to interact with the passengers about the delay	Frustrated and tensed