

Project Initialization and Planning Phase

Date	15 July 2024
Team ID	739725
Project Name	Flight Delay Prediction using Machine Learning.
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

Airline passengers, airline operators, and airport authorities frequently face the significant issue of flight delays. These delays, occurring at various stages including pre-departure, transit, and arrival, cause considerable inconvenience and uncertainty. For passengers, the unpredictability of flight schedules often leads to missed connections, disrupted plans, additional travel costs, and considerable stress.

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 Traveller	I'm trying to Reach destination on time	But Face unexpected flight delay.	Because Lack accurate information of delay.	Which makes me feel Anxious about travel
--------------------------	---	---	---	--

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Frequent traveller	Reach destinations on time.	Face unexpected flight Delays.	Lack of information of flight delays.	Frustrated and stressed about flight delays.

