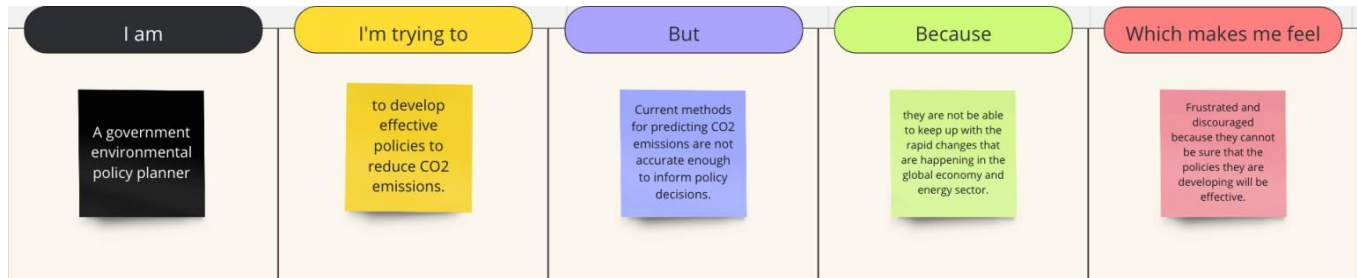


Project Initialization and Planning Phase

Date	15 March 2024
Team ID	SWTID1720007638
Project Name	Predicting CO2 Emission by countries using Machine Learning
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

Global efforts to combat climate change hinge on accurate data regarding CO2 emissions. Effective prediction of these emissions is crucial for informed policy-making, strategic planning, and taking timely corrective actions. However, current methods often fall short due to their inability to incorporate and process vast, complex datasets dynamically. Existing prediction models for CO2 emissions lack the sophistication to handle the intricate and multifaceted nature of emission data across different countries. This inadequacy leads to several critical issues like policy inefficiency, strategic gaps, research limitation and public misinformation. The goal is to develop a machine learning-based system that accurately predicts CO2 emissions by country. By addressing these challenges, the project aims to provide a robust tool that empowers stakeholders to take proactive and effective measures against climate change.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A government environmental policy planner	develop effective policies to reduce CO2 emission	current methods are not accurate enough to inform policy decisions	they are not able to keep up with the rapid changes that are happening in the global economy and energy sector	Frustrated and discouraged

