

Project Initialization and Planning Phase

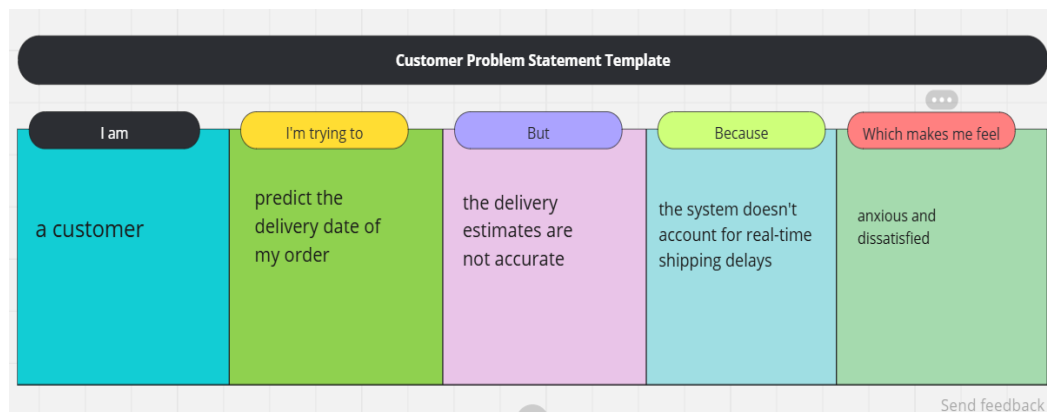
Date	JULY 10 2024
Team ID	739943
Project Name	FrappeActivity: Mobile Phone Activity Classification Using Machine Learning
Maximum Marks	3 Marks

Define Problem Statements(Customer Problem Statement Template):

The blurring of boundaries between personal and professional mobile app usage leads to work-life imbalance, productivity challenges, and data security risks. This project aims to develop a machine learning model to classify app usage into home, work, or unknown categories, enhancing user management of time and activities.

Reference: https://github.com/irecsys/CARSKit/blob/master/context-aware_data_sets/Mobile_Frappe.zip

Example:



The diagram illustrates the Customer Problem Statement Template. It consists of a horizontal sequence of five colored boxes, each with a label above it and a description below it. The labels are: 'I am' (dark blue), 'I'm trying to' (yellow), 'But' (purple), 'Because' (light blue), and 'Which makes me feel' (red). The descriptions are: 'a customer' (in the first box), 'predict the delivery date of my order' (in the second box), 'the delivery estimates are not accurate' (in the third box), 'the system doesn't account for real-time shipping delays' (in the fourth box), and 'anxious and dissatisfied' (in the fifth box). A 'Send feedback' link is located at the bottom right of the diagram.

Problem Statement (PS)	I am	I'm trying to	But	Because	Which makes me feel
------------------------	------	---------------	-----	---------	---------------------

PS-1	Business manager	classify user activities like texting, calling, and browsing using machine learning.	I lack the insights to tailor my services to specific user activities	without accurate classification, interactions remain generic.	frustrated and concerned about losing customer engagement and satisfaction.
PS-2	a mobile app developer	classify user activities like texting, calling, and browsing using machine learning.	my app can't accurately identify these activities in real-time.	without accurate classification, personalization is difficult.	unable to effectively improve user engagement.