# Project Initialization and Planning Phase
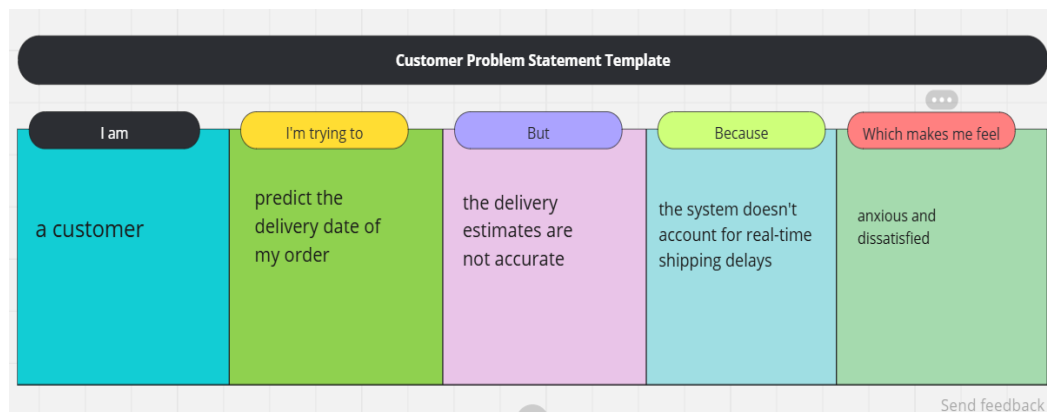
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|---|---|
| Date | JULY 10 2024 |
| Team ID | 739943 |
| Project Name | FrappeActivity: Mobile Phone Activity Classification Using Machine Learning |
| Maximum Marks | 3 Marks |

## 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:**



| 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. |