

Project Initialization and Planning Phase

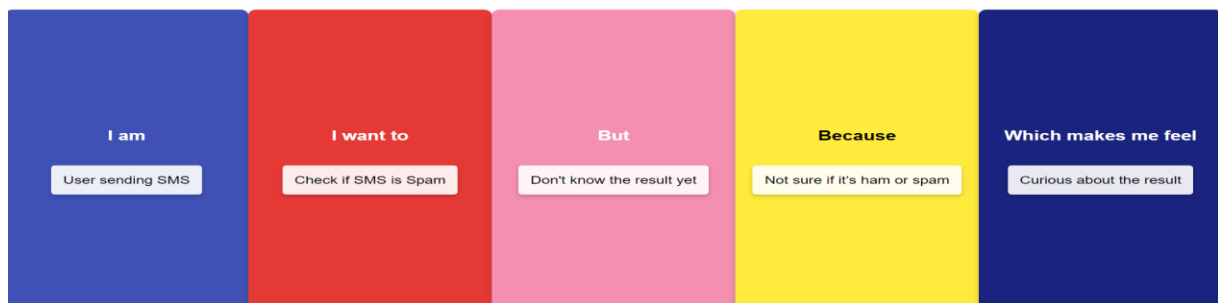
Date	23-09-2024
Team ID	LTVIP2024TMID25000
Project Name	SMS Spam Detection - AIML
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

The increasing amount of SMS spam is a growing concern for users. Spam messages often contain fraudulent schemes, unwanted promotions, or phishing attempts, making it difficult for users to distinguish between legitimate and spam messages. This project aims to provide an efficient solution to automatically detect and classify SMS messages as either **Spam** or **Not Spam**, enhancing users' trust and experience.

By creating a tool to automatically detect SMS spam, we aim to alleviate the frustration of manually filtering unwanted messages. The solution will contribute to a cleaner inbox and a safer user experience.

Example:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A user regularly receiving SMS messages, both legitimate and spam.	Identify whether an SMS message is legitimate or spam without having to manually filter through my inbox.	Spam messages often look like legitimate messages, and filtering through them manually is time-consuming and frustrating.	Some spam messages contain fraudulent information or unwanted promotions, potentially leading to scams or security breaches.	Worried about security, and annoyed by the constant influx of spam messages.

