# Project Initialization and Planning Phase

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| Date | 28 January 2026 |
| Team ID | LTVIP2026TMIDS34562 |
| Project Name | AutoSage App Using Gemini Flash |
| Maximum Marks | 3 Marks |

**Define Problem Statements:**

Customers who want to buy or compare two-wheelers and four-wheelers often find it difficult to get clear and complete vehicle information in one place. They try to understand details such as brand, model, mileage, features, price, and resale value, but the information is scattered across multiple websites. Most platforms require manual searching and reading long, complex specifications, which is time-consuming and confusing. Existing systems do not use image-based AI to provide instant and structured insights. This makes customers feel frustrated, unsure, and less confident while making vehicle-related decisions.
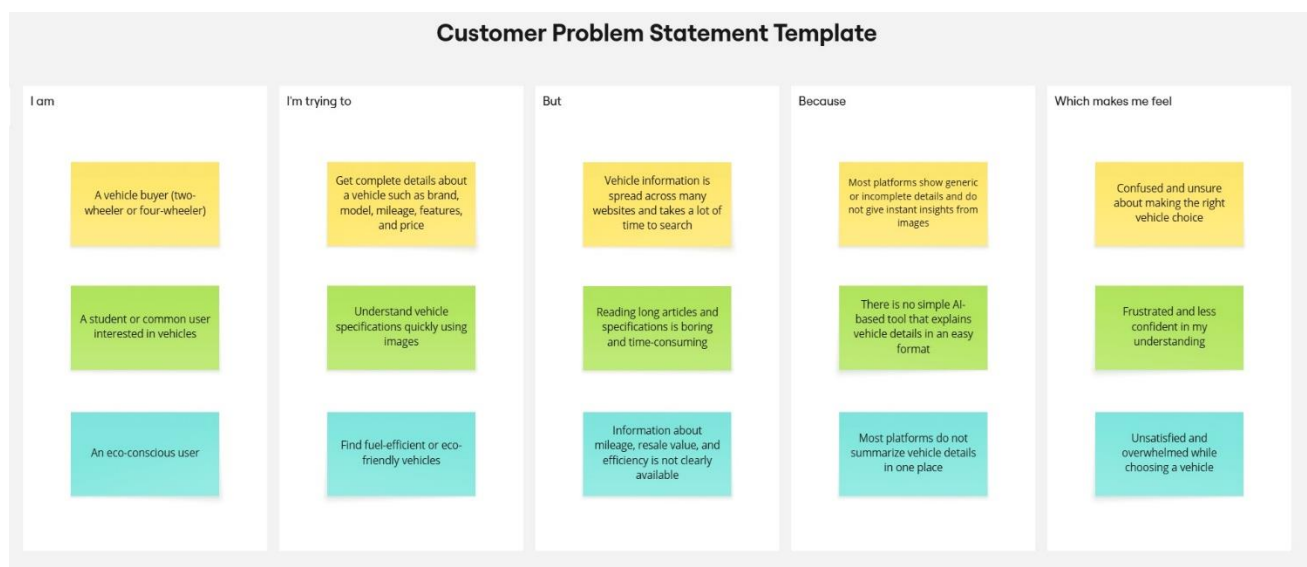


| Problem Statement (PS) | I am (Customer) | I'm trying to | But | Because | Which makes me feel |
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| PS-1 | A vehicle buyer | Understand vehicle details before buying a bike or car | Searching for vehicle information takes too much time | Vehicle details are spread across many websites and need manual comparison | Confused and unsure about choosing right vehicle |
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| PS-2 | A student or general user | Identify and understand a vehicle using its image | Reading ling specifications and reviews is difficult | Most platforms do not support image-based vehicle analysis | Frustrated and less confident |
| PS-3 | An eco-conscious user | Find fuel-efficiency or eco-friendly vehicles | It is hard to get clear information about mileage and efficiency | Vehicle information is not summarized in one place | Dissatisfied and overwhelmed |