

Project Initialization and Planning Phase

Date	31 January 2026
Team ID	LTVIP2026TMIDS34562
Project Title	AutoSage App Using Gemini Flash
Maximum Marks	3 Marks

Project Proposal (Proposed Solution) template

Project Overview	
Objective	The main objective of the AutoSage project is to build an application that gives vehicle details such as brand, model, mileage, price, and resale value by analyzing vehicle images using Gemini Flash.
Scope	The project allows users to upload images of two-wheelers and four-wheelers and receive vehicle information through an AI model. The project focuses only on providing information and does not include vehicle booking or payment features.
Problem Statement	
Description	Users find it difficult to collect complete vehicle information from one place. Vehicle details are available on many websites, which makes searching and comparing vehicles slow and confusing.
Impact	This problem affects users by wasting time and making it harder to choose the right vehicle. A simple and quick solution is needed to reduce confusion.
Proposed Solution	
Approach	AutoSage uses the Gemini Flash AI model to analyze vehicle images. A Streamlit web application is used to upload images and show vehicle details instantly.
Key Features	Upload vehicle images AI-based vehicle analysis Clear and structured output Easy-to-use interface

	Secure API key usage
--	----------------------

Resource Requirements

Resource Type	Description	Specification/Allocation
Hardware		
Computing Resources	Laptop or Desktop	Standard System
Memory	RAM	Minimum 8 GB RAM
Storage	Disk space	10 – 20 GB
Software		
Frameworks	Python frameworks	Streamlit
Libraries	Additional Python libraries	Google-generativeai, python-dotenv, Pillow
Development Environment	IDE, version control	VS Code, Github
Data		
Data	User-uploaded vehicle images	Small to medium-sized images (JPG, JPEG, PNG)