Project Design Phase-II

Date: 28th Feb 2026
Team ID: LTVIP2026TMIDS51576
Project Name: AutoSage – AI Vehicle Expert Application (Gemini Flash)

Technology Stack (Architecture & Stack)

User Interface: HTML, CSS, JavaScript

Application Logic: Python Flask

AI Processing: Google Gemini Flash API

Database: SQLite / Firebase

File Storage: Local File System

External API: Gemini API

Machine Learning Model: Gemini AI Model

Application Characteristics

Open Source Frameworks: Flask, Bootstrap

Security: API key protection using environment variables (.env)

Architecture: 3-Tier modular architecture

Availability: Accessible via web browser

Performance: Optimized API calls for fast response