# AutoSage Project Report

## 1. Introduction

AutoSage is a vehicle expert web application powered by Gemini Flash AI. It provides detailed specifications, comparisons, and intelligent insights about two-wheelers and four-wheelers to help users make informed purchasing decisions.

## 2. Objectives

- To provide detailed vehicle specifications.
- To enable vehicle comparison features.
- To integrate AI-powered insights using Gemini Flash API.
- To design a user-friendly interface for easy navigation.

## 3. System Architecture

The system follows a client-server architecture. The frontend is built using React, which communicates with the backend built using Node.js and Express. The backend integrates with Gemini Flash API for AI-based responses.

## 4. Technologies Used

- Frontend: React.js
- Backend: Node.js & Express.js
- Database: MongoDB (if integrated)
- AI Integration: Gemini Flash API
- Version Control: Git & GitHub

## 5. Key Features

- Vehicle search functionality.
- Display of vehicle specifications (engine, mileage, price, etc.).

- Vehicle comparison feature.
- AI-powered vehicle insights.
- Responsive and user-friendly interface.

## 6. Conclusion

AutoSage demonstrates the integration of modern web technologies with AI capabilities. The project enhances user decision-making in vehicle purchases through intelligent insights and comparisons.

## 7. Developed By

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