

Smart Trip Planning

Objective: Suggest optimal refuel stops based on accurate fuel range prediction and gas cost.

Value Proposition: An app like this would be valuable to the masses, but also to industries that rely on vehicles. It looks to optimize car refueling by determining the most economic stops

Validation:

AC MAF Tests

Consumption Accuracy

Waypoint accuracy

Risk Assessment:

Buffer for gas remaining

Store possible alternative routes

Accurate MAF Sensor

Development:

Accurate OBD2 Data

Trip Logging

Location Tracking

Background:

Car ECU's contain much data

Gas prices are volatile

GasBuddy tracks gas prices

Requirements:

Research

Improved range estimation

Navigation app using car ECU data

Current Design:

