Problem Statement and Goals
Greenway

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Table 1: Revision History

Date	**Developer(s)**	**Change**
Sep 25, 2022	Priyansh, Utsharga, Sharjil, Jash, Bilal, Pranay	Rev. 0
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1 Problem Statement

1.1 Problem

Navigation applications are commonly used applications while driving to get directions from point A to B, but these applications never tell you how much it costs you to get there or how much gas was used on the trip. When carpooling with friends, the driver of the vehicle always asks everyone in the group for gas money and often times these calculations are mere estimates that are not always very accurate. People often wonder how much it costs to get to a destination before starting your journey, having an application perform these cost and fuel calculations based on real time gas pricing information ensures you save the most money on your journey while minimizing gas usage to encourage a more sustainable lifestyle.

1.2 Inputs and Outputs

Inputs	Outputs
Starting location	Most fuel efficient route
Ending location	Cost of driving (from starting to ending location)
Car specifications (year, make, model, trim) or fuel economy	Suggested stops at gas stations/supercharger locations based on real-time prices
User estimate of how much fuel or distance worth of fuel is currently in the gas tank.	

1.3 Stakeholders

1.4 Environment

[Hardware and software —SS]

2 Goals

3 Stretch Goals