

Statement of Characteristics

Trip Planner:

The application includes a trip planner that allows the user to plan his/her trip while visualizing the traffic conditions. Through this functionality the application invites a large audience that may be looking to plan a trip by taking into account the traffic conditions through the city.

Fuel Cost:

The application also indirectly provides the user with an estimate of the fuel required by estimating the fuel economy of the car. Here several different car models are provided to again ensure its universal usability.

Carbon Emission:

While the users plan their trip and determine the fuel costs associated with it. They can utilize the Carbon emission calculator to determine how much carbon will be introduced to the environment by their planned trip. The aforementioned functionality of trip planner and fuel cost all lead up to a final widget that tells the user their carbon emissions.

The goal is to provide the end user with a universal interface that includes the carbon emissions for their trip. Most of the trip planning sites do not give the user such information and hence the end user is inevitably oblivious to their daily effect on the environment. This particular application provides that additional functionality to make the end user more aware of their effect on the environment while providing a general trip planning interface to attract a global audience.