SE 319

Group 1

Work Breakdown Structure

Below you will find all of the pages that each individual is working on specifically. Associated with each of these pages comes the backend work of storing and getting the information from Google App Engine. In order to get this data we will use JAVA. Each member of the group will have to make JAVA classes and methods to get all of this information. Also, since Google app engine only allows a certain number of queries per day all group members will have to learn how to cache information. This will then be available for future use. In order to store and get this information JAVA will also have to be used.

**Brian-**

* Google Authentication
  + Create different logins for different popular sites
* Set up App Engine
* Car data in the form of charts
  + Create charts based on user information
  + Will be used on all pages with statistical analysis
* Garage/Add Vehicle
  + Allow users to add their specific cars
  + Keep track of user data
  + Populate car data

**Jamie-**

* Trip Planner
  + Google Maps API
  + Create a way for users to plan and store trips
  + Use the users car information to plan a trip
* Gas Prices Page
  + MyGasFeed.com
  + Request and post information
  + User contributed

**Josh-**

* Expense Manager
  + User Specific Data to keep track of all records
  + This page is an overview of all expenses per user
  + Filter by time frame
* Gas Mileage Tracker
  + Input new gas record
  + View as a chart
  + Filter by specific time

**Ashley-**

* Maintenance Records
  + User specific data
  + Different categories to file under
  + View of all records per topic
  + Reminders of periodic maintenance
* News
  + Google search API
  + Get all of the news for a user’s car