CS 522 – Big Data
Project Proposal
Title: Car Recommender

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I. Domain
Recommend top cars based on customer ratings from *Edmunds.com*

II. Purpose
Provide users with some knowledge on current car trends and purchasing ideas for new and used cars.

III. Recommendation Context
The system targets users who wants to search for cars, looks at cool car images or watches car videos.

IV. Source
1. Edmunds.com car information with images and customer ratings.
2. User Click's History

Additional information for application robustness:
1. Hotwire.com car rental availability based on recommended car details.
2. YouTube video links for recommended cars

V. Personalization
User Location through browser Geolocation (if supported by browser)
Current activity through clicks and search criteria, which can be tracked by Browser cookies or IP Address.

VI. Interface
Input:
Search criteria (car make/model/year)

Output:
Car Recommendation with rental availability (Hotwire) and video thumbnails (YouTube)

Project diagram: