

**MAP524**

**ASSIGNMENT 1**

**App – Oilless**

Name – YIQIN CUI

STUDENT # 012055141

Email – [ycui32@myseneca.ca](mailto:ycui32@myseneca.ca)

## **SUMMARY**

- The proposal of this app is shown the data of vehicles fuel efficiency improvement between years 1990 to 2010. It shows how the cars' fuel efficiency have been improved by the graphs, map and other information that users select from the functional points. Mostly, this app will be used to compare the fuel consuming for the future technology cars.

## **MOBILE APP**

- Because most of previous data sources are usually save in a big capacity computer, it is easy to search and see the change of the fuel efficiency improvement of the cars. In addition, it is also checkable that the change in fuel efficiency improvement of light duty cars has been shown in certain areas. Whenever users are connected to the internet, they will get the data wherever.

## **APP FEATURES**

### **Buttons**

- There will pop-up two buttons of language selection

### **List View**

- The list view contains list of big topics and when user clicks it, it display the description of it

### **Map**

- User can zoom and out

### **Menu**

- A menu that can change the language
- Map in different language

## **User/Market**


- Anyone who needs proved statistic data, this app is going to provide data that is written by the government of Canada.


## **Use-Cases Anticipated**

- An official worker can be expected using the app for presentations.

- Car companies can be expected getting research for statistic of entire information between years 1990 to 2010.

## Mock-ups

Oilless	Oilless/English	Oilless/English
<div>English</div> <div>French</div>	Topic	
	Topic	
	Topic	
	Topic	
	Topic	
	Topic	

Oilless	Oilless/French	Oilless/French
<div>English</div> <div>French</div>	Topic	
	Topic	
	Topic	
	Topic	
	Topic	
	Topic	

## Timeline for implementation

### AUG 05

Both buttons will direct different language.

### AUG 09

Both big topics will display its description.

### AUG 14

Map will pop up in different language for example if map is clicked in French, it pop up French version's map. Same to English.

**AUG 18**

Add small functions if I could and organize the code. Ready to submit.