

## CSC 615 PROJECT 2

PROFESSOR GODFREY C. MUGANDA

The goal of this project is to build a social media type of application based on SOAP web services. Write a web application/ web service (using Java) that allows the following types of clients to connect to it

- (1) *JavaScript/HTML client*
- (2) *.NET WPF Desktop client*
- (3) *Java Swing Desktop client*

The server starts out maintaining a collection of images of cars, in files named *car0.png* through *car27.png*. The name of the file is also the name of the car.

A human user using any one of the clients will be presented with a user interface that supports the ability for the user to

- (1) Request a list of names of all available cars. The server will return such a list, and the client will display the list in a drop-down list. The JavaScript client should use AJAX to request this list.
- (2) Click an entry in the available cars drop-down list to send a request to the server for the image of the selected car. The image of the car will be displayed as soon as it is received from the server.
- (3) Select a file containing an image of a car from the local file system, specify the name of the car, (same as the name of the file), and have it uploaded to the server. The client programs must use a file chooser dialog to allow the user to select the file. Once this file (car) is uploaded to the server, the next request to see available cars will include the newly uploaded car.

The car upload for the JavaScript client does not have to use AJAX.

### 1. ADDITIONAL MATERIAL

You should consult Project 4 for CSC 415 Winter 15, available on my web site. I am making the solution to that project available to you: it might be helpful as you are trying to figure out some things.

This is due Monday of Week 6.