**Assignment 2**

Design for Lab 2

In this assignment you will continue to build a Car Configuration Application

I would like you to expand you proof of concept – so we will build API’s for car configuration classes using interfaces and abstract classes and also add a custom exception handler to enhance your design.

For expanding proof of concept please consider the following requirements:

We will expand your existing designwith these options:

* Define a set of methods in an interface (as API) that can be used to exercise the functionality of the existing class set.
* Create an exception handler so it handles at least 5 exceptions
* (Optional) Enhance your design and code to create any abstract classes so your code is extensible and reusable.

**Your Deliverable:**

Design and code classes for these requirements and write a driver program to exercise your API and test the exception handler. Test your code adequately.

**Concepts you will need to know.**

* Object Theory
* Exception Handling
* Abstract Classes
* Interfaces