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**Coding Challenge Readme**

I used ASP.NET core and Visual Studio 2017 to create the API.

**Automated Testing using Postman (Embedded link):**

<https://www.getpostman.com/collections/79d7dc06c5a472874691>

**The API works with the provided test client using this endpoint:**

<https://kevinnguyencodingchallenge.azurewebsites.net/api/>

To retrieve a vehicle by Id:

<https://kevinnguyencodingchallenge.azurewebsites.net/api/vehicles/2>

To retrieve a vehicle using filters:

<https://kevinnguyencodingchallenge.azurewebsites.net/api/vehicles/filter>

Example:

<https://kevinnguyencodingchallenge.azurewebsites.net/api/vehicles/filter?make=toyota&model=prius>

**Implemented:**

GET /api/vehicles : returns all current vehicles

GET /api/vehicles/{id} : returns vehicle with matching id

POST /api/vehicles/ : creates and adds a new vehicle

PUT /api/vehicles/ : updates an existing vehicle

DELETE /api/vehicles/{id} : removes a vehicle by its id if it exists

GET /api/vehicles/filter : returns all current vehicles that match all filters

checkValidation() : a function that checks if the vehicle is a valid entry