**.NET Developer Dojo – MS1**

**Online Real Estate Website**

Welcome, .NET Developer to FindMyHaus.com! FindMyHaus is an online real-estate website that allows users to search for, list, buy and sell houses online.

Recently, management has decided that we want to stop hosting our own infrastructure in our co-located data centre. They would like us to look at modernizing our application using the latest cloud technologies to improve our application’s availability, reliability and cost-efficiency.

Our existing codebase is a monolithic application written in C# .NET, and our entire development team has existing .NET skills. Hence, we are not looking to move to a different technology stack at this time.

Instead of trying to boil the ocean all at once, we would like to modify our application a bit at a time so that we always have a deployable solution. We’d like to break up our monolithic application’s CRUD functions first – using microservices to perform the creation, update, delete and retrieval functions.

How To Score:

* Return a HTTP 200 response from your microservice
* Return the correct data in JSON format

Hints:

* If you get stuck, you can expose hints but this will reduce your score; use it wisely!

Deployment:

* A CloudFormation script is available for you that will spin up the appropriate resources in your AWS account
* The CloudFormation script will create API Gateway endpoints that you will need to register for scoring to work
* The web client application has already been written for you