

## Engineering Back-end Internship Assessment

### ✓ Task 1:

#### CRUD

Create a RESTful API application that exposes an endpoint to manage a catalog product.

The product fields are Id, Name, Price, Category, CreatedDate, UpdatedDate.

### ✓ Task 2:

#### Authentication

Protect the endpoint with some form of authentication.

You're free to choose whatever method you want basic, Bearer, Digest, OAuth etc.

### ✓ Task 3:

#### Rate limit

Make sure this endpoint can't be abused by "bad" people.

Rate limit based on number of requests in a certain time period.

### ✓ What we expect:

- a link to a GitHub repository with the solution
- you can write in any language you want
- don't forget to add a readme file in your project with all config settings and dependencies

### ✓ What we'll consider a plus:

- working without a framework
- using proper HTTP verbs and status codes
- error handling