

# **Perkbox Software Developer Test**

## **Intro**

Here at Perkbox we love a good bargain, deal, discount, voucher... basically anything that helps us and our clients save money. In order to extend our group of automated services, we need a lightweight and efficient back-end service to deliver coupon codes to our users.

Please note: we are expecting the code to be production-ready.

## **Technical Requirements**

- A simple RESTful api service in Go, no frameworks should be used
- Unit tested
- Datastore of your choice
- Available on GitHub

## **Product Requirements**

- We would like you to build a coupons service
- You should be able to create, update, retrieve & list coupons via the API
- The list endpoint should have a variety of filters and parameters to allow clients of your API to retrieve coupons in different ways

## **Example coupon**

```
{  
  "name": "Save £20 at Tesco",  
  "brand": "Tesco",  
  "value": 20,  
  "createdAt": "2018-03-01 10:15:53",  
  "expiry": "2019-03-01 10:15:53"  
}
```