Please download attachments for this homework [here](https://s3.amazonaws.com/valeri.karpov.mongodb/edx-mean-stack/chapter3.tgz)

In this part, you set up several REST API endpoints:

* GET /category/id/:id
* GET /category/parent/:id
* GET /product/id/:id
* GET /product/category/:id
* PUT /me/cart
* GET /me
* POST /checkout
* GET /product/text/:query

Which depend on 5 services:

* Category
* Product
* User
* Stripe
* fx

The configuration for these services was defined using environment variables. Specifically, there are 4 environment variables that you had to set to make this API work correctly: FACEBOOK\_CLIENT\_ID, FACEBOOK\_CLIENT\_SECRET,STRIPE\_API\_KEY, and OPEN\_EXCHANGE\_RATES\_KEY. While environment variables are good for one-off examples, having to set 4 environment variables is cumbersome for development. The purpose of this exercise is to create a new configservice that loads these credentials from a single file when the server starts.

Homework 3.4

1 point possible (graded)

The first step is to make sure you have all 4 of these keys. This step is necessary to run a fully-functional server for the AngularJS and Ionic framework parts of this course.

In the code directory, open up the config.json file. You should see the following code:

{

"facebookClientId": "TODO",

"facebookClientSecret": "TODO",

"stripeKey": "TODO",

"openExchangeRatesKey": "TODO"

}

As you might expect, the facebookClientId, facebookClientSecret, stripeKey, and openExchangeRatesKey keys correspond to the FACEBOOK\_CLIENT\_ID, FACEBOOK\_CLIENT\_SECRET, STRIPE\_API\_KEY, and OPEN\_EXCHANGE\_RATES\_KEY environment variables, respectively. Replace the "TODO" strings with strings representing the credentials for your Facebook app, your Stripe API key, and your Open Exchange Rates key. Once you have done this, run npm run check-credentials. If you have entered keys successfully, npm run check-credentials will output a short phrase. Please enter that phrase in your browser to validate that you have successfully completed this exercise.

unanswered

Submit

Some problems have options such as save, reset, hints, or show answer. These options follow the Submit button.

Homework 3.5

1 point possible (graded)

There are 3 places where you access environment variables:

* auth.js and the setupAuth() function, where you get the Facebook environment variables.
* dependencies.js, where you get the Stripe key.
* fx.js, where you get the Open Exchange Rates key.

You need to modify each of these to use the new Config service that's defined in dependencies.js and registered in dependencies.js. The Configservice simply reads the config.json file in the assessment's top level directory. You will also have to fill out config.json with your Facebook app keys, Stripe key, and Open Exchange Rates key.

Once you have successfully entered your keys into config.json and modified the above 3 code locations to use the Config service, npm run watchwill output a short phrase. Please enter that phrase in your browser to validate that you have successfully completed this exercise.