

QA sanity check application for Payment transaction gateway

To accomplish the task please create a sanity check app project, which tests the stability of a RoR (ruby on rails) **Payment transaction gateway** application.

Payment transaction API:

- Set up the Payment Gateway API locally using this github repo https://github.com/eMerchantPay/codemonsters_api_full
- Extract the API authentication credentials to a config so they can be configurable
- Send API request manually to test the API

Sanity checks Application

- Prepare a Java console application that is able to perform sanity checks to the API above
 - It should be executed from the terminal
 - It should either include a configuration file or accept additional parameters like endpoint, transaction types
- It should ensure the API is working properly by performing different kind of requests
 - send a valid payment transaction request and expect an approved response
 - send a valid void transaction request and expect an approved response
 - send a valid payment transaction with an invalid authentication and expect an appropriate response (401 etc)
 - send a void transaction pointing to a non-existent payment transaction and expect 422 etc
 - send a void transaction pointing to an existent void transaction and expect 422 etc
- Create a proper structure of the project. It should be easily extendable with new methods, requests and etc.
- Cover the functionality of the sanity checks app with unit tests/specs using JUnit or similar testing framework
- Add the task to a Github repo - either a public or a private one. Organize the Git commits the following way:

- Initial commit with all changes not directly related to the task - initial skeleton with the testing framework used, `.gitignore` file, etc.
 - All subsequent commits should be logically organized reflecting the steps you've taken developing the application.
 - Neither one large commit with all changes nor a multitude of smaller commits for every little tiny change.
 - The complete functionality could be added with an own pull request in order to be easier for a code review to be submitted.
- Document your code where needed and add a short `README` .