Whelp back-end test.

Assessment goal :

The goal of this skill assessment is to test your coding ability and your ability to learn new technologies quickly. The documentation of your code and the analysis documents that you'll produce will also be taken into consideration.

Task :

Your task is to create a back-end web API in one of the framewoks below and to document it with analysis documents like DSD, Use case diagram, entity relationship diagram, etc.

Frameworks to choose from :
- JS (Node & Express)
- PHP (Laravel or Symphony)
- Ruby (Rails)
- Python (Django)

Here is the request of the client :

-> Hello, my name is Nico and I'm the Co-Founder of "Riddles". Riddles goal is to become the world largest riddle sharing platform. The idea is that <everyone> can <sign up> on Riddles to share the <riddles> they know. If the <user> already has an account, he must be able to <sign in> the platform. After being <authenticated>, the <user> can check and test himself with all the existing <riddles> and also create a new <riddle>. He must also be able to see only the <riddles> that he created.

In order to meet Nico's requirements you are allowed and strongly advised to ask him questions about the vocabulary that he uses.

In practice :

You'll have to create a web API. Nico's request is quite simple but a lot of concepts are presents in this exercise.

- User authentication
- Data persistence
- Data relationships
- HTTP Requests
- Routing

Your API should able to:

- Create a RESTful API
- Create a route to create a user and his credentials
- Create a route to login and retrieve user token
- Create a route to retrieve "riddles"
- Create a route to create a "riddle"

The more concepts you have the better but it's better to have few concepts working well then a lot of concepts working with bugs.

We should be able to test all of your routes with **Postman**. It would be nice if could create a collection and send it to us.

If you have any question, please send them at patrick@whelp.io