

Background:

Here is an example of a Correlation One data science assessment:

<https://quiz.correlation-one.com/test/data-scientist>

The test taker:

- 1) fills out basic contact information (first_name, last_name, email)
- 2) gets assigned a unique assessment instance / session (ex. 1d4c9d2b-86d9-4813-a831-dd2bcca9fe96)
- 3) gets assessment questions
- 4) submits assessment answers
- 5) Gets a confirmation when the final assessment has been submitted

****Note:**

- The assessment session is timed (counting down from 1hr)
- The assessment session can be continued from another browser window
- Some of the contents of the question (either body or answer choices) are not simply text (some are html, img, etc.)

Your Goal:

In any language you'd like, recreate a backend (DB and API) that would satisfy the basic interaction outlined above. Feel free to deviate/improve upon the exact request/response patterns we currently use. The API should return JSON and will be tested with Postman. Along with your submission should be a github repository, instructions to setup and run locally, and instructions to run any included test suite.

Tip: Feel free to take the linked assessment as many times as you'd like and take a peek at the networking tab of Chrome's developer panel to see our current request/response payload structure.

Spend as much time on this as you are willing to. We understand many candidates are interviewing at multiple companies simultaneously, so we don't expect you to dedicate all of your time to just one.

If you're unable to get this challenge to a satisfactory place within a reasonable amount of time, write up a summary of your progress so far, including how you'd complete it if you had more time. Then submit that along with the code.