

# Test Case for Automation QA Engineer

## Background

At Clay we develop multiple APIs, and we want to be sure that they are reliable, secure and correct. That is why we believe that testing is an essential step in our development process and we want to automate this step as much as possible.

## Task

[Todo.ly](#) provides a set of simple APIs for managing projects and tasks within them. We would like you to create test suites (one or multiple) to verify APIs provided by Todo.ly (User API, Projects API etc). We recommend creating tests in Postman, but any free tool/technology, which you are comfortable with and can share the results of, is fine.

## Note

- Your time is limited. We do not expect you to test everything, as the scope is quite big. We do expect you to make good decisions as to what you want to test within the APIs. Which functionality do you think is critical and should be tested first?
- As a company dealing with access control we focus a lot on security, and would like you to design tests with that in mind
- We find code quality very important, as there are many people working together on the same code bases, so we expect your test cases to be written with the same standards you would apply for a real project

## Deliverables

- Test cases
  - If you are using Postman, this will be exported collection json files
  - if you are using other tool this can be source code of tests, preferably in an online repository
- A short demo video of running the tests
- Small text document describing decisions made during tests' design