

Test Plan

Trauma Ready

With infinite time we would...

1. We would write Snapshot tests, which compare your UI to pictures that show what it is expected to look like when you add new commits so that changes to data structures or logic code don't result in unexpected display changes
2. If we had time to implement a local storage option, we would write tests to guarantee the app still functioned in future runs without internet.
3. We would try to better understand the limits of the services our application relies on so that we don't accidentally surpass them in production. For example, determining how many requests Heroku can handle and how fast it will respond to them is an important consideration if this app goes live.

But we actually do test...

1. That API endpoints respond to requests with the appropriate data structures and status codes
2. That our mobile app renders correctly and aesthetically on a number of different iPhone and Android models

To run our API tests:

- Our tests are located in the 'tests' directory at the top-level of our project. You'll need Node.js and npm installed to run them, but otherwise they stand in isolation to any other pieces of our code.
- Simply change into the directory, run 'npm install' to get the testing dependencies (Axios & Jest), and 'npm run test' will run our testing suites. If any errors occur, double check that 'package.json' is configured to have 'test: jest' written under scripts. You'll also need an internet connection since these tests apply to our actual backend running on Heroku.

Devices we have manually tested our UI on:

- *iPhone X*
- *iPhone 8*
- *iPhone 6S*
- *Pixel 2*
- *Galaxy S8*

- *HTC Nexus One*