Using Puppeteer and Jest Testing

Decision:

Jest is to be used for unit testing and Puppeteer is to be used to test application pages

Status:

Approved

Context:

Wordle world party was coded using Javascript and as such jest is a very suitable choice for testing as it is a Javascript test runner. It is well documented and easy to use. Puppeteer is preferred to Selenium, because it allows jest coverage to be displayed in the pipeline on GitHub Actions. Another advantage over Selenium, is that Puppeteer can be run headless, making automated user interface testing possible.

Consequence:

The application can be tested to determine errors, this can be used later in automated deployment so that only working versions of the app will be deployed.