Testing
- In order to unit test our code we will use Jest for testing out React components.
    - Jest is the most common testing framework for React projects.
- We will have unit tests for each component we write, and updating of components will require these unit tests to be updated as well.
- Integration testing will be used to ensure that the React components interact with the service side of the project in order to ensure the frontend works with the backend.
- We will present the system to the client and allow them to test the entirety of the system to ensure everything works as expected.

Integration
- Our team will utilize Github Actions in order to ensure our code does not break when new features are merged into the main branch.
- As part of the pull-request process, all tests in the project are required to pass. If a single test does not pass then merging the feature branch into main will be blocked until the failing test if investigated and fixed.