Task 5 Code review
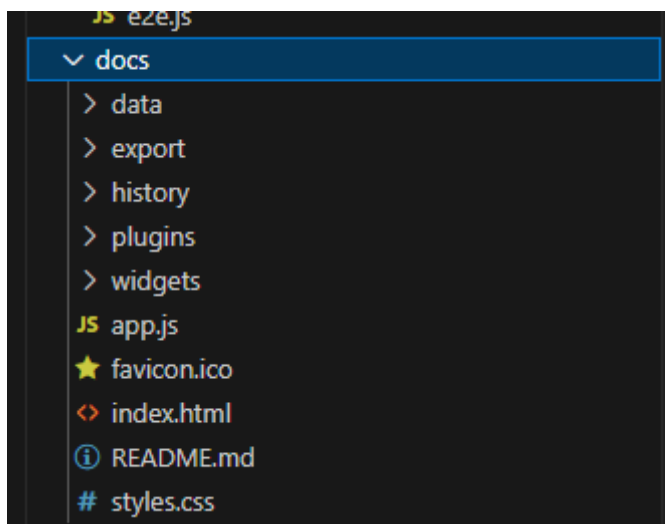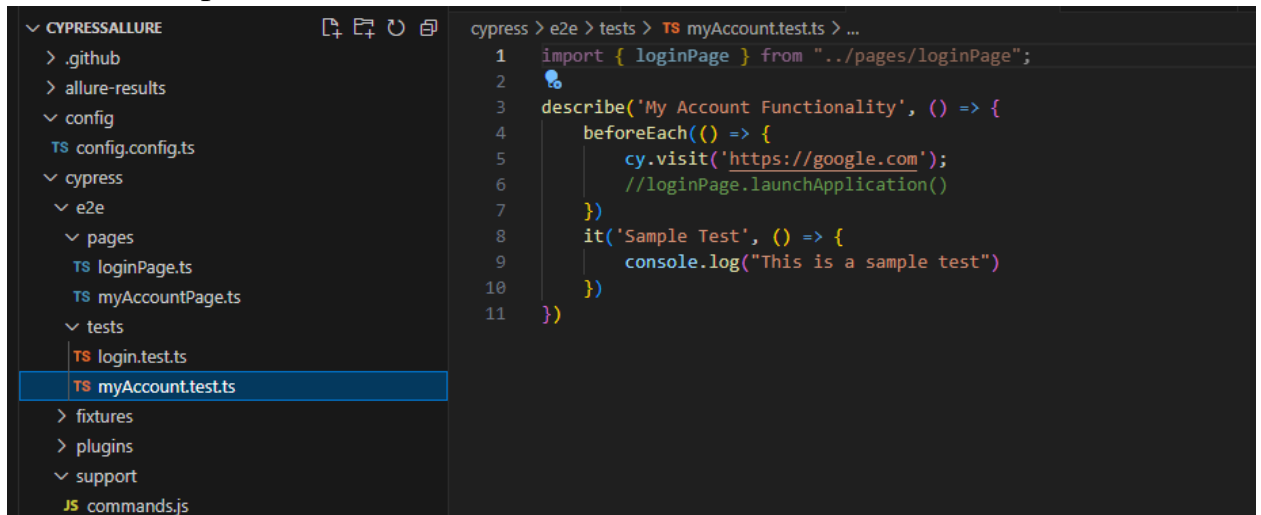
1. For testing field used always the same testing data, you can use faker-js.

```json
{
    "valid_credentials": {
        "emailId": "testautomation@cypresstest.com",
        "password": "Test@1234"
    },
    "invalid_credentials": {
        "invalid_email": {
            "emailId": "invalidUser@cypresstest.com",
            "password": "Test@1234"
        },
        "invalid_password": {
            "emailId": "testautomation@cypresstest.com",
            "password": "test@12345"
        },
        "wrong_email_format": {
            "emailId": "testautomationresstest.com",
            "password": "test@12345"
        }
    }
}
```

2. Repo has many redundant files that will created by framework or reporter.

```
JS e2e.js
∨ docs
  > data
  > export
  > history
  > plugins
  > widgets
  JS app.js
  ★ favicon.ico
  <> index.html
  ① README.md
  # styles.css
```

3. This example file can be deleted:

```
cypress > e2e > tests > TS myAccount.test.ts > ...
 1   import { loginPage } from "../pages/loginPage";
 2
 3   describe('My Account Functionality', () => {
 4       beforeEach(() => {
 5           cy.visit('https://google.com');
 6           //loginPage.launchApplication()
 7       })
 8       it('Sample Test', () => {
 9           console.log("This is a sample test")
10       })
11   })
```

4. It is not indicated where to change the username and password and it is better to use randomly generated values

Steps to run

- Clone the repository using "git clone "

- Change "Username" and "Password"

- npm install

- npm run cy:run

5. You also need to add the launch of the gitHub action when merging with the main branch

```
name: Cypress Tests using Cypress Docker Image with allure-report

on:
    push:
        branches: [master]
|
```

6. You can also choose the latest version, for example, specify the version of ubuntu as ubuntu-latest

```
  -
  runs-on: ubuntu-20.04 # Choosing OS

    matrix:
        node-version: [14.17.0]
        # See supported Node.js release schedule at https://nodejs.org/en/about/releases/
```

7. You can use a newer version instead of the second one

```
- uses: actions/checkout@v2
```

8. This section can be moved to a separate job and called deploy. You can push your reports to another branch (and specify in the repository settings which branch will deploy the GitHub page)

```
- name: Deploy report
  uses: JamesIves/github-pages-deploy-action@3.1.0
  if: always()
  with:
      ACCESS_TOKEN: ${{'secrets.ACCESS_TOKEN'}}
      BRANCH: master # The branch the action should deploy to.
      FOLDER: allure-report # The folder the action should deploy.
      TARGET_FOLDER: docs
```