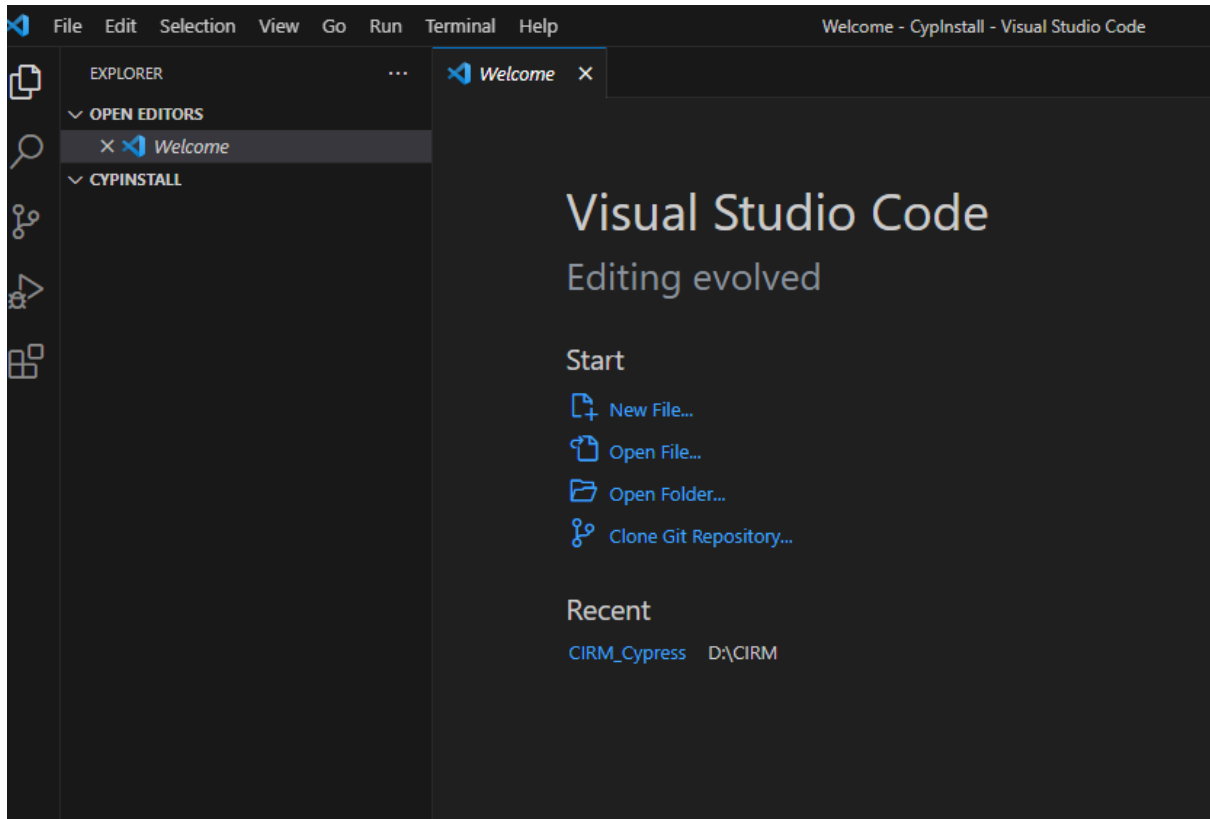


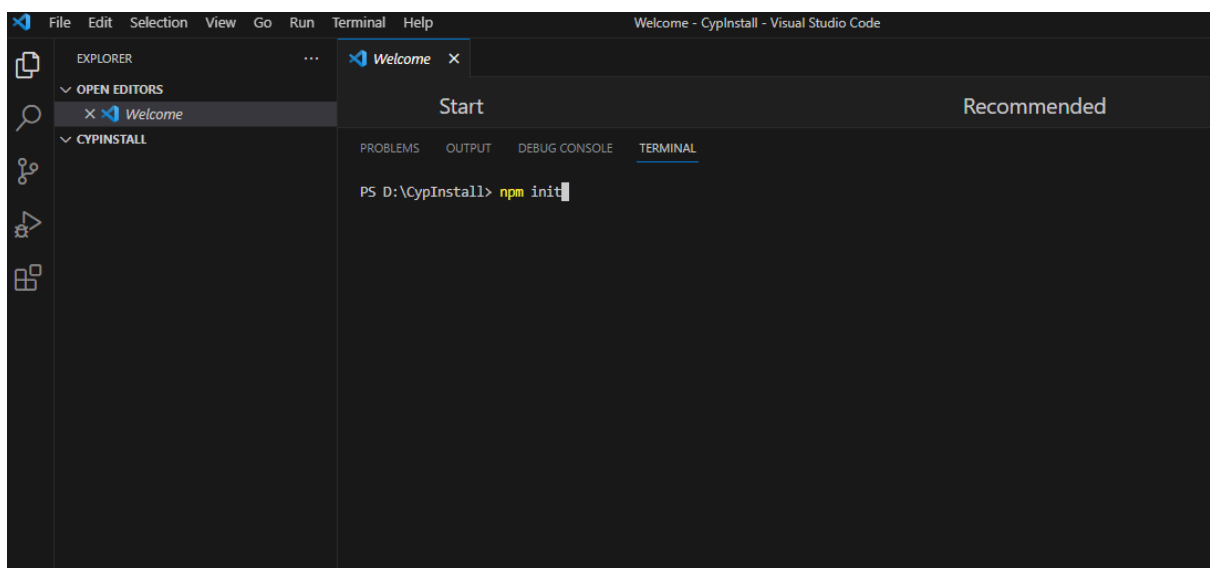
## Cypress Installation and Running commands.

To run the Automation Script in Linux Machine, we need to install the below mentioned tools.

1. Install Visual Studio Code Editor
2. Install Node.js.
3. Create a folder in the local and open that folder in visual studio code editor.



4. Open terminal in Visual studio code editor and type  
***npm init***



Visual Studio Code interface showing the 'Welcome' dialog and the 'package.json' file. The terminal displays the output of 'npm init' and the 'package.json' file content.

```

package name: (cypinstall)
version: (1.0.0)
description:
entry point: (index.js)
test command:
git repository:
keywords:
author:
license: (ISC)
About to write to D:\CypInstall\package.json:

{
  "name": "cypinstall",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "author": "",
  "license": "ISC"
}

Is this OK? (yes)
  
```

***npm install cypress --save-dev***

Visual Studio Code interface showing the 'Welcome' dialog and the 'package.json' file. The terminal displays the output of 'npm install cypress --save-dev'.

```

Use `npm install <pkg>` afterwards to install a package and
save it as a dependency in the package.json file.

Press ^C at any time to quit.
package name: (cypinstall)
version: (1.0.0)
description:
entry point: (index.js)
test command:
git repository:
keywords:
author:
license: (ISC)
About to write to D:\CypInstall\package.json:

{
  "name": "cypinstall",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "author": "",
  "license": "ISC"
}

Is this OK? (yes) yes
PS D:\CypInstall> npm install cypress --save-dev
  
```

```

Welcome - CypInstall - Visual Studio Code

Start Recommended

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

npm WARN config dev Please use --include=dev instead.

3 moderate severity vulnerabilities

To address all issues, run:
  npm audit fix

Run `npm audit` for details.
PS D:\CypInstall> npm audit fix

up to date, audited 174 packages in 3s

# npm audit report

tough-cookie <4.1.3
Severity: moderate
tough-cookie Prototype Pollution vulnerability - https://github.com/advisories/GHSA-72xf-g2v4-qvf3
fix available via `npm audit fix --force`
Will install cypress@4.2.0, which is a breaking change
node_modules/tough-cookie
  @cypress/request
    Depends on vulnerable versions of tough-cookie
node_modules/@cypress/request
  cypress >=4.3.0
    Depends on vulnerable versions of @cypress/request
node_modules/cypress

3 moderate severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force
  
```

5. Pull Automation code from the Git repository - develop branch.

To run the Script in Cypress Open state: -

1. Open terminal in visual studio code editor

***npx cypress open***

```

CLIN1.cy.js - CIRM_Cypress - Visual Studio Code

CLINReviewMeeting.cy.js U JS FinalScore.js U JS Overview.js U JS GWG.js U DiscReviewMeeting.cy.js U
CLIN1.cy.js U

cypress > e2e > ApplicationCreation > CLIN1.cy.js > describe('Clinical1 Funding Process') callback > it('Clinical1 Funding opportunities') callback

187 du.chooseQuotestoUpload();
188 du.chooseEligibilitytoUpload();
189 du.chooseIfApplicabletoUpload();
190 du.clickSubmitApplication();
191
192 // User click on User name and select own name
193 du.clickOnUserName();
194 du.userSelectOwnName();
195 du.verifythemessage2();
196
197 // User enters the lastname of A00 and find the user
198 hp.clickFindbutton();
199 hp.clickUsers();

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

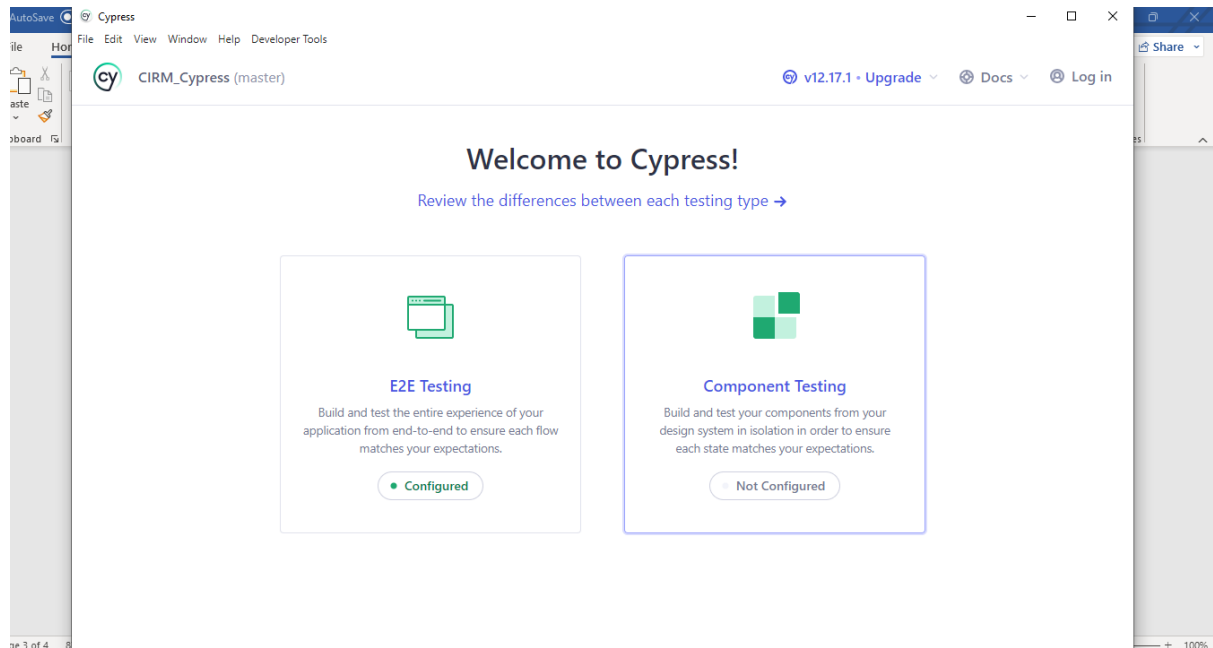
* History restored

PS D:\CIRM\CIRM_Cypress>
* History restored

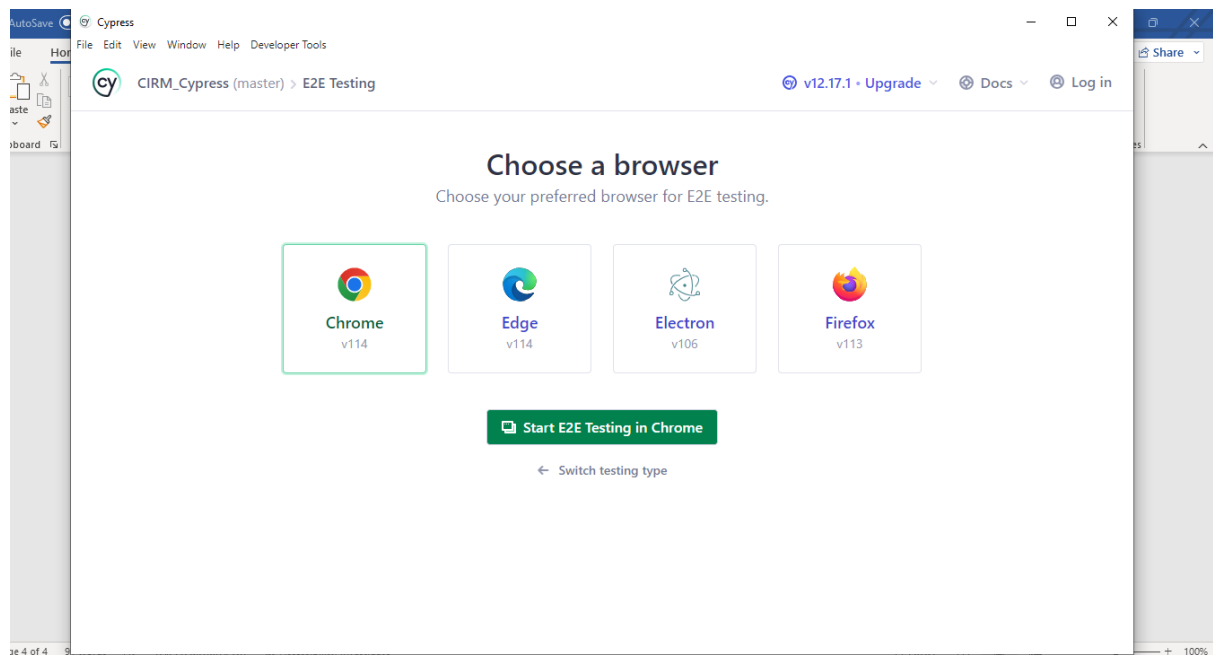
PS D:\CIRM\CIRM_Cypress> npx cypress open

DevTools listening on ws://127.0.0.1:59935/devtools/brower/6e9f5244-886b-4a17-aa2f-b9995b995cdc
  
```

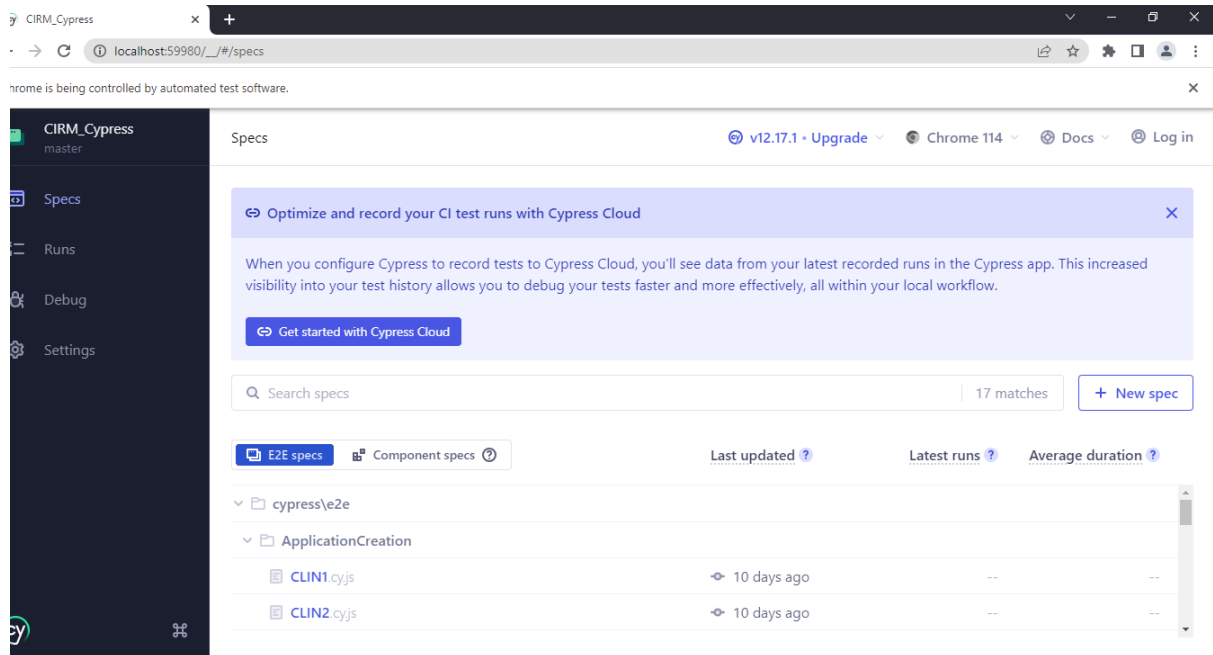
2. It will launch cypress.



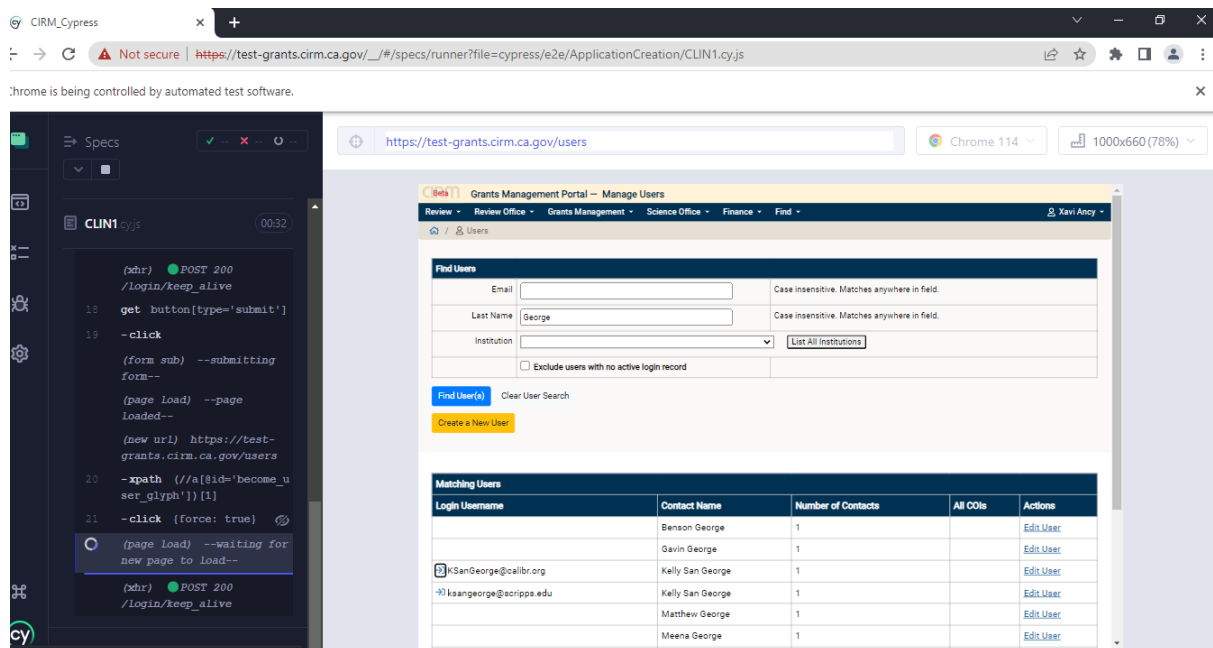
3. Click E2E Testing



4. Select any browser and click start E2E Testing.



5. It will list all the cy.js file, select anyone file eg: clin1.cy.js file.

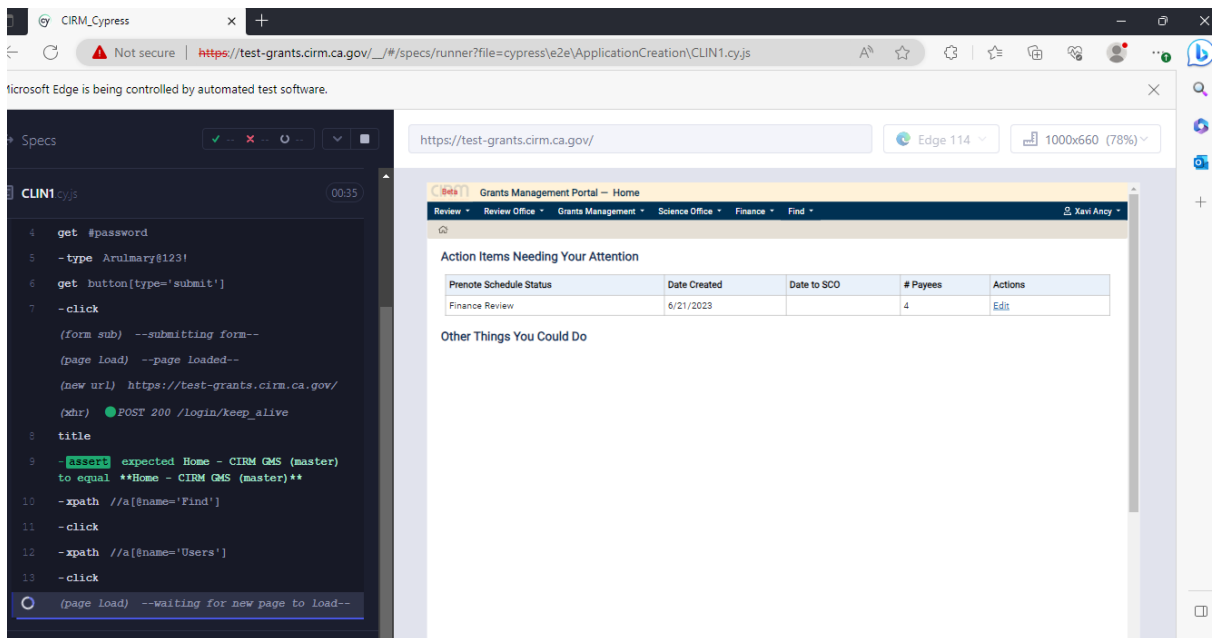
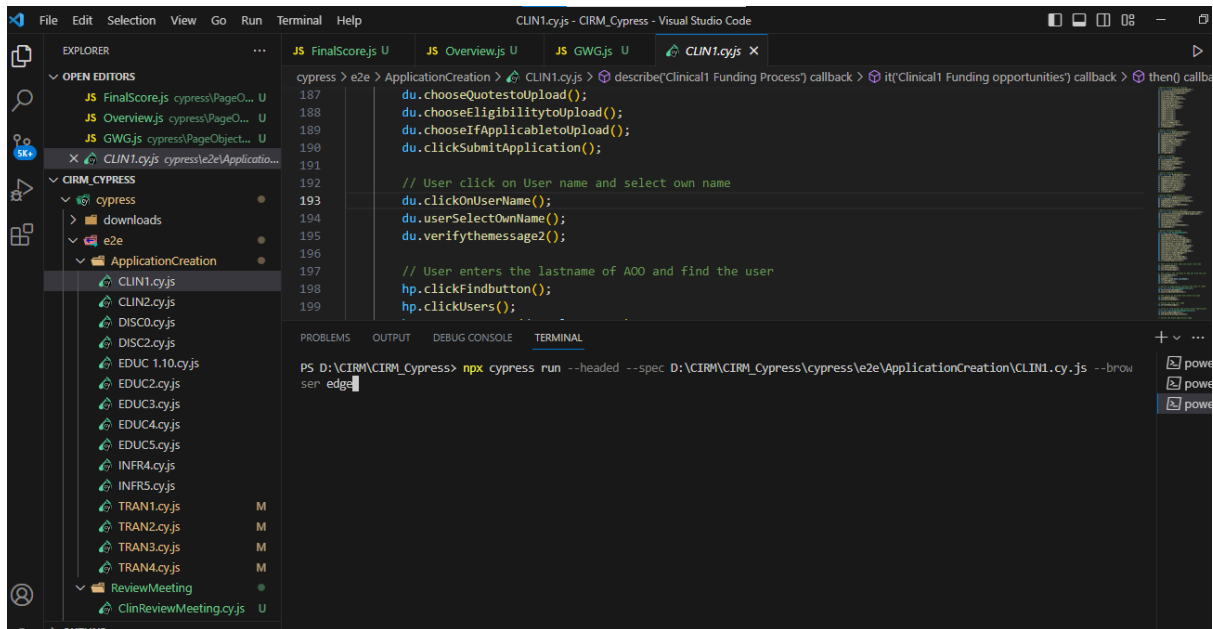


6. The script will be run, once it is completed then go to the visual studio code editor, under report we can see the report with the video.

To run the script in cypress run mode: -

1. Open terminal in visual studio code editor

***npx cypress run --headed --spec <<path of the file or folder>> --browser edge***



2. Finally, it will show the report in terminal.

```

cypress > e2e > ApplicationCreation > CLIN1.cy.js > describe('Clinical1 Funding Process') callback > it('Clinical1 Funding opportunities') callback >
187 du.chooseQuotestoUpload();
188 du.chooseEligibilitytoUpload();
189 du.chooseIfApplicabletoUpload();
190 du.clickSubmitApplication();
191
192 // User click on User name and select own name
193 du.clickOnUserName();
194 du.userSelectOwnName();
195 du.verifythessage2();
196
197 // User enters the lastname of AOO and find the user
198 hp.clickFindbutton();
199 hp.clickUsers();

```

(Run Starting)

```

Cypress:      12.17.1
Browser:      Edge 114
Node Version: v18.16.0 (C:\Program Files\nodejs\node.exe)
Specs:        1 found (CLIN1.cy.js)
Searched:     D:\CIRM\CIRM_Cypress\cypress\e2e\ApplicationCreation\CLIN1.cy.js

```

Remove output folder D:\CIRM\CIRM\_Cypress\cypress\reports\html

Running: CLIN1.cy.js (1 of 1)

Clinical1 Funding Process