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Key learnings:

- Learned Key Concepts Such as waits,Timeouts, Assertions ,Debugging, Advanced Actions
- Finished 14.5 hrs worth content on Udemy
- Made project based on IFrame , Alerts and window Handling
- Automated first Page of Allegiant website
- Connected with mentor
 - Introduced Git & Jira
 - Provided Guidance & Cleared Doubts
- Learned dynamic Xpath and implemented dynamic date selection
- Improved the automation of sign up page by adding Fake data

DEMO



- Sign Up page

```
STATUS: Capturing...
features > step-definitions > common.steps.js > ...
4
5 Given("user is on home page", async () => {
6   commonPage.openHomePage()
7   await browser.maximizeWindow()
8   await expect(homePage.signIn).toBePresent() // checks if it is there or not
9   await expect(homePage.signIn).toBePresent()
10  await expect(homePage.link_contact).toBePresent() //if u are tracking any web elemnt use await
11
12  return true;
13 });
14
15
16 When("/navigates to signup page", async() => {
17   homePage.navigateToLoginPage();
18   return true;
19 });
20
21
22
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
[chrome 123.0.6312.122 windows #0-0] ✓ Given user is on home page
[chrome 123.0.6312.122 windows #0-0] ✓ When navigates to signup page
[chrome 123.0.6312.122 windows #0-0] ✓ Then creates a new account
[chrome 123.0.6312.122 windows #0-0]
[chrome 123.0.6312.122 windows #0-0] > passing (29.8s)
```

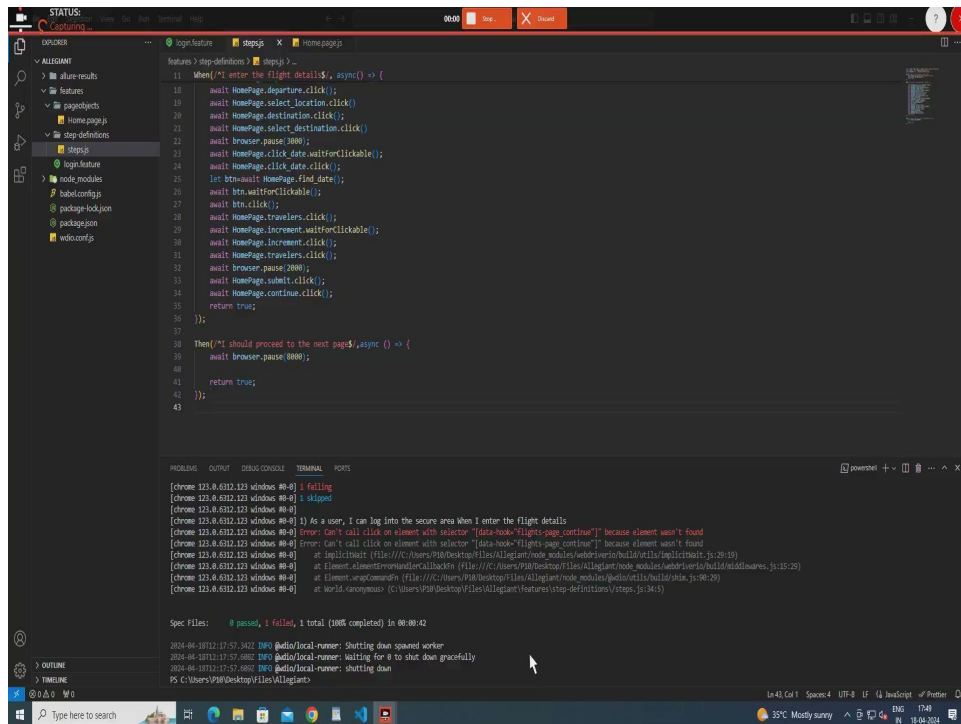
Spec Files: 1 passed, 1 total (100% completed) in 00:00:38

```
2024-04-18T14:51:11.371Z INFO @dio/local-runner: Shutting down spawned worker
2024-04-18T14:51:11.632Z INFO @dio/local-runner: Waiting for 0 to shut down gracefully
2024-04-18T14:51:11.632Z INFO @dio/local-runner: shutting down
PS C:\Users\PS\Desktop\Files\WebDriverID>
PS C:\Users\PS\Desktop\Files\WebDriverID> npm run wdio
```

DEMO



- Allegiant Website



```
STATUS: Capturing
00:00 Stop Clear

EXPLORER
  ALLIGANT
    > allure results
    > > features
    > > pageobjects
    > > home-page.js
    > > step-definitions
    > > steps
    > > login.feature
    > > node_modules
    > > babel.config.js
    > > package-lock.json
    > > package.json
    > > web.config

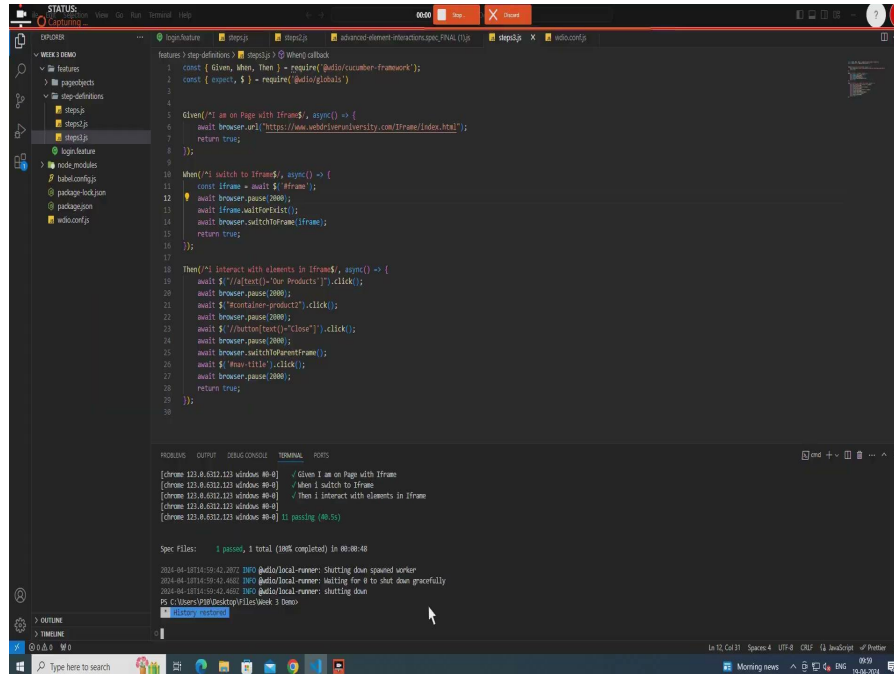
FEATURES
  login.feature
    > steps
      11 When('I enter the flight details', async() => {
      18   await HomePage.departure.click();
      19   await HomePage.select_location.click();
      20   await HomePage.destination.click();
      21   await HomePage.select_destination.click();
      22   await browser.pause(3000);
      23   await HomePage.click_date.waitforClickable();
      24   await HomePage.click_date.click();
      25   let btn=await HomePage.find_date();
      26   await btn.waitForClickable();
      27   await btn.click();
      28   await HomePage.travelers.click();
      29   await HomePage.increment.waitForClickable();
      30   await HomePage.increment.click();
      31   await HomePage.travelers.click();
      32   await browser.pause(3000);
      33   await HomePage.submit.click();
      34   await HomePage.continue.click();
      35   return true;
      36   });
      37
      38 Then('I should proceed to the next page', async() => {
      39   await browser.pause(8000);
      40
      41   return true;
      42   });
      43
      44
      45

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
[chrome 123.0.6312.123 window #0-0] I failing
[chrome 123.0.6312.123 window #0-0] I skipped
[chrome 123.0.6312.123 window #0-0] I As a user, I can log into the secure area when I enter the flight details
[chrome 123.0.6312.123 window #0-0] Error: Can't call click on element with selector "[data-hook='flight-page.continue']" because element wasn't found
[chrome 123.0.6312.123 window #0-0] Error: Can't call click on element with selector "[data-hook='flight-page.continue']" because element wasn't found
[chrome 123.0.6312.123 window #0-0] at findElement (file:///C:/Users/PAB/Desktop/Files/Allegiant/node_modules/webdriverio/build/utils/elementId.js:29:29)
[chrome 123.0.6312.123 window #0-0] at Element.elementWrapper.callBackFn (file:///C:/Users/PAB/Desktop/Files/Allegiant/node_modules/webdriverio/build/utils/elementId.js:15:20)
[chrome 123.0.6312.123 window #0-0] at Element.wrapCommandFn (file:///C:/Users/PAB/Desktop/Files/Allegiant/node_modules/webdriverio/build/utils/elementId.js:90:20)
[chrome 123.0.6312.123 window #0-0] at World.anonymous (C:/Users/PAB/Desktop/Files/Allegiant/features/step-definitions/steps.js:134:5)

Spec Files: 0 passed, 1 failed, 1 total (100% completed) in 00:00:42

2024-04-18T12:17:57.342Z INFO @wdio/local-runner: Shutting down spawned worker
2024-04-18T12:17:57.688Z INFO @wdio/local-runner: Waiting for 0 to shut down gracefully
2024-04-18T12:17:57.690Z INFO @wdio/local-runner: Shutting down
PS C:\Users\PAB\Desktop\Files\Allegiant>
```

- Project on IFrame, Window handling, Alert boxes



```
STATUS: Generating...
EXPLORE
  WEEK 1 DEMO
    features
    pageobjects
    step-definitions
    steps
    logs-feature
    node_modules
    babel.config.js
    package-lock.json
    package.json
    webui.config

features > step-definitions > steps > When() callback
1 const { Given, When, Then } = require('@buda/cucumber-framework');
2 const { expect, $ } = require('@buda/globals');
3
4
5 Given('I am on Page with IFrame', async() => {
6   await browser.url('https://www.webdriveruniversity.com/iframe/index.html');
7   return true;
8 });
9
10 When('I switch to IFrame', async() => {
11   const iframe = await $('iframe');
12   await browser.pause(2000);
13   await iframe.waitForExist();
14   await browser.switchToFrame(iframe);
15   return true;
16 });
17
18 Then('I interact with elements in IFrame', async() => {
19   await $('//a[text()="Our Products"]').click();
20   await browser.pause(2000);
21   await $('acontainer-product').click();
22   await browser.pause(2000);
23   await $('button[text()="Close"]').click();
24   await browser.pause(2000);
25   await browser.switchToParentFrame();
26   await $('h4a-title').click();
27   await browser.pause(2000);
28   return true;
29 });
30

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
[Chrome 112.0.5612.112 window: 80-8] ✓ Given I am on Page with IFrame
[Chrome 112.0.5612.112 window: 80-8] ✓ When I switch to IFrame
[Chrome 112.0.5612.112 window: 80-8] ✓ Then I interact with elements in IFrame
[Chrome 112.0.5612.112 window: 80-8] 11 passing (40.5s)

Spec Files: 1 passed, 1 total (100% completed) in 80.88-48

2024-04-18T14:59:42.207Z INFO @buda/local-runner: Shutting down speed worker
2024-04-18T14:59:42.400Z INFO @buda/local-runner: Waiting for 4 to shut down gracefully
2024-04-18T14:59:42.400Z INFO @buda/local-runner: Shutting down
PS C:\Users\JPB\Desktop\files\Week 1 Demo
  C:\Users\JPB\Desktop\files\Week 1 Demo
```



Thank you

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