**Pre-Requisites for Playwright:**

* Node.js
* Playwright
* Git hub

**Installation of node:**

**Download the Installer:**

Visit official website (<http://nodejs.org/>).

Choose LTS (Long Term Support) and latest version.

Download the macOS installer.

**Install Node.js:**

Double-click the downloaded “.pkg” file and follow the installation instructions.

**Verify Installation:**

After installation is complete, open a new terminal window and check the version of Node.js and npm by hitting these command  
node –v

npm –v

**Installation of Homebrew:**

**Installation of Git hub:**

**Cloning a Repository:**

* On GitHub.com, navigate to the main page of Repository
* Above the list of files, click code
* Copy the URL for the Repository
* To clone the repository using HTTPS, under “HTTPS”, click
* Open Terminal
* Change the current working directory to the location where you want the cloned directory
* Type git clone, and then paste the URL you copied earlier
* git clone <https://github.com/YOUR-USERNAME/YOUR-REPOSITORY>
* Press Enter to create your local clone.

**Restore all packages:**

* Check out to project directory
* Hit the command **npm install**

**To run the Test :**  npx playwright test,

**To run specific test:** npx playwright test testFileName.spec.js,

**Generating Allure Reports:** npx allure generate ./allure-results —clean.

**Command to Open Allure Report:** npx allure open ./allure-report.

(Or)

npx allure generate --clean allure-results && npx allure open;

**Installation of Jenkins in local:**

**Installation of Jenkins:**

Use the following command to install jenkins : brew install jenkins

**Strat jekins:**

Once installation is complete you can start jenkins with the following command.

brew services start jenkins

**Access jenkins:**

By default ,jenkins runs on <http://localhost:8080>.

Open your web browser and navigate to this address.

**Stop the jenkins:**

Jenkins process will be running in the process. To stop the Jenkins hit the following command.

brew services stop jenkins

**Create a jenkins job:**

**Create a new jenkins job:**

Open your jenkins instance in a web browser.

Click on new Item to create a new job.

Enter name of your job(ex: lease\_lock\_test\_Job) and select **free style project.**

**Configure source code management.**

In the “Source coed management” section. select your version control system (Git, SVN, etc.. ).

Provide repository URL and credentials if needed.

**Build steps:**

In the "Build" section, click on "Add build step" and choose "Execute shell" or "Execute Windows batch command," depending on your platform

Enter the command to run your Playwright test script.

npm install

npm test

**Save the configuration**

Save your jenkins configurations.

**Run the jenkins Job**

Click “Build Now” button to run the job.