Phase5-practice project

Automate a web application

Writeup

- As the project is in the final stage, management has asked you to automate the basic functionalities like registration and login for all the internal employees.
- This will help the development and DevOps team to work efficiently with the application.
- We should use eclipse,selenium web driver
- Selenium can be considered a leading cloud-based testing platform.
- It supports parallel execution.
- It requires fewer resources as compared to other web automation tools.
- As technology is evolving toward the digital era, testing software or an application is becoming a necessity rather than a requirement.
- Selenium is one of the latest trends in the market right now.
- It is an open-source tool used to automate the tests carried out on different web browsers.
- At first, you have to make sure that JDK is installed on your System. If not first you need to install it.
- Then you have to download Selenium Jar Files for Java. You can download it from here.
- Choose the latest stable version and proceed, you will get a selenium.zip file. Extract it somewhere on your computer.
- After that download the suitable web driver for your browser version. For Chrome it's chrome driver, for Firefox it's geckodriver.
- After that download and install Eclipse IDE for Java Developers from here.
- Now follow the steps to create a basic automation application using Selenium in Java.