Aim: To demonstrate Gherkin: Given, When, Then, and Background Steps

CODE

Code for feature file

# This is used to write comments

# this is like your test plan

# This is my first feature file

Feature: Testing rediff myPage

# In the scenario if there are stpes that are common to be executed in the begining

# as a pre-requisite then we use the keyword Background

# The below statements demonstrates the use of backgroud keyword

# these statements will be executed before every scenario in the current feature file \*\*

Background:

Given I open the browser and enter URL

Then I capture the title of the Page

When I enter username and password

Then I click on login button

# we are using Gherkin keywords

# each step should have a matching Code

# for every stpes we have to write code in step definition file

Scenario: User has to test if login on rediff is successful or not

And I should see an Error message

Then I click on Click Here link

And I close the browser

Scenario:

Then I click on Create a Rediffmail account

Then I capture the title of the Page

And I close the browser

Code for test login feature

**package** steps;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** io.cucumber.java.en.And;

**import** io.cucumber.java.en.Given;

**import** io.cucumber.java.en.Then;

**import** io.cucumber.java.en.When;

**public** **class** TestLoginFeature {

WebDriver driver;

@Given("I open the browser and enter URL")

**public** **void** i\_open\_the\_browser\_and\_enter\_url() {

driver = **new** ChromeDriver();

driver.manage().window().maximize();

driver.get("https://mypage.rediff.com/login/dologin");

}

@Then("I capture the title of the Page")

**public** **void** i\_capture\_the\_title\_of\_the\_page() {

System.***out***.println(driver.getTitle());

}

@Then("I enter username and password")

**public** **void** i\_enter\_username\_and\_password() {

driver.findElement(By.*xpath*("//input[@name='id']")).sendKeys("admin");

driver.findElement(By.*xpath*("//input[@name='num']")).sendKeys("admin@123");

}

@When("I click on login button")

**public** **void** i\_click\_on\_login\_button() **throws** InterruptedException {

driver.findElement(By.*xpath*("//input[@value='Login']")).click();

Thread.*sleep*(1500);

}

@Then("I should see an Error message")

**public** **void** i\_should\_see\_an\_error\_message() {

String text=driver.findElement(By.*xpath*("//div[@class='errmsg']/descendant::b")).getText();

System.***out***.println("Error message form the page" + text);

}

@Then("I click on Click Here link")

**public** **void** i\_click\_on\_click\_here\_link() {

driver.findElement(By.*xpath*("//div[@class='errmsg']/descendant::a")).click();

}

@Then("I close the browser")

**public** **void** i\_close\_the\_browser() {

driver.quit();

}

@Then("I click on Create a Rediffmail account")

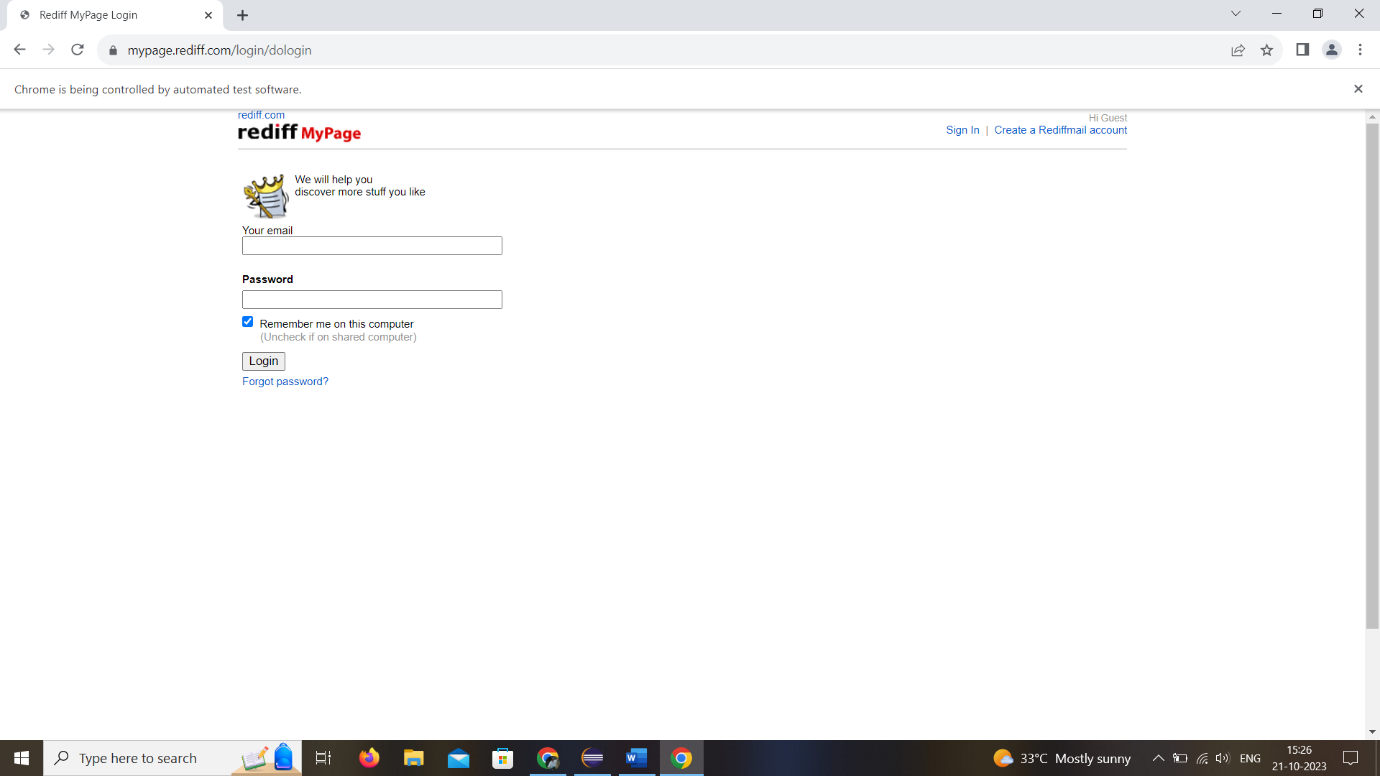
**public** **void** create\_a\_rediff\_account()

{

driver.findElement(By.*xpath*("//div[@id='toprightinfo']/child::a[2]")).click();

}

}

OUTPUT:A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated