

Project on Big Basket Website to Place Orders



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SLA Testing Batch

ABSTRACT

1.Objective: Automation of the placed order Bigbasket using Selenium TestNG and Maven with Page object model in Eclipse.

2.Steps:

- Launch the URL.
- Sign in with mobile no and OTP.
- Search the Product in the search bar by using the name of product.
- Place the orders for 3 Roses tea, Tide detergent, Cinthol, and Comfort.
 - Add more Quantity by sing Add option in the respective product.
 - And click on Checkout to proceed further.
 - Finally proceed to payment.

3.Purpose: Automated testing improves to deliver 100% fresh and genuine products to its customer.

Testing Big basket Website in browser

Program :

```
package seleniumjavaproject;

import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.BeforeSuite;
import org.testng.annotations.Test;

public class Bigbasket {

    WebDriver driver;
    JavascriptExecutor js;

    @BeforeSuite
    public void lauchBrowser() {
        System.setProperty("webdriver.chrome.driver",
            "C:\\Users\\lavan\\eclipse-
workspace\\seleniumjavaproject\\driver\\chromedriver-win32\\chromedriver.exe ");

        driver = new ChromeDriver();
    }

    @Test(priority=1)
    public void urlLaunch() throws InterruptedException {
        driver.manage().window().maximize();
        driver.get("https://www.bigbasket.com/");

        Thread.sleep(3000);
    }

    @Test(priority=3)
    public void accountCreate() throws InterruptedException {
        //Click Login
        WebElement login = driver.findElement(By.xpath("//*[text()='Login/ Sign Up']"));
        login.click();

        //Enter Mobile No
        driver.findElement(By.xpath("//input[@placeholder='Enter Phone number/ Email
Id']")).sendKeys("8778871452");
        Thread.sleep(3000);

        //Click on Continue
        driver.findElement(By.xpath("//button[text()='Continue']")).click();
    }
}
```

```

        Thread.sleep(20000);
    }

    @Test(priority=5)
    public void threeRoses() throws InterruptedException {

        //Search 3 Roses Product
        driver.findElement(By.xpath("(//input[@type='text'])[2]"))
            .sendKeys("3 Roses",Keys.ENTER);

        Thread.sleep(3000);

        //Click Add to Product
        WebElement add =
driver.findElement(By.xpath("(//button[text()='Add'])[2]"));
        js = (JavascriptExecutor)driver;
        js.executeScript("arguments[0].click()",add);
        System.out.println("Add 3 Roses Product successfully");
        Thread.sleep(5000);
    }

    @Test(priority=7)
    public void tidePowder() throws InterruptedException {
        //Click to Add to Product
        WebElement Tide=
driver.findElement(By.xpath("(//button[@color='rossoCorsa'])[27]"));
        js.executeScript("arguments[0].click()",Tide);
        System.out.println("Add Tide Product successfully");
        Thread.sleep(5000);
    }

    @Test(priority=9)
    public void cintolSoap() throws InterruptedException {
        //Search Cintol product
        driver.findElement(By.xpath("(//input[@placeholder='Search for
Products...'])[2]"))
            .sendKeys("cintol",Keys.ENTER);

        Thread.sleep(5000);

        //Click to Add the product
        WebElement cintol =
driver.findElement(By.xpath("(//button[text()='Add'])[2]"));
        js.executeScript("arguments[0].click()",cintol);
        System.out.println("Add Cintol Product successfully");
        Thread.sleep(5000);
    }

    @Test(priority=11)
    public void comfortLiquid() throws InterruptedException {
        //Search Comfort product

```

```

        driver.findElement(By.xpath("(//input[@placeholder='Search for
Products...'])[2]")) .sendKeys("comfort",Keys.ENTER);

        Thread.sleep(5000);

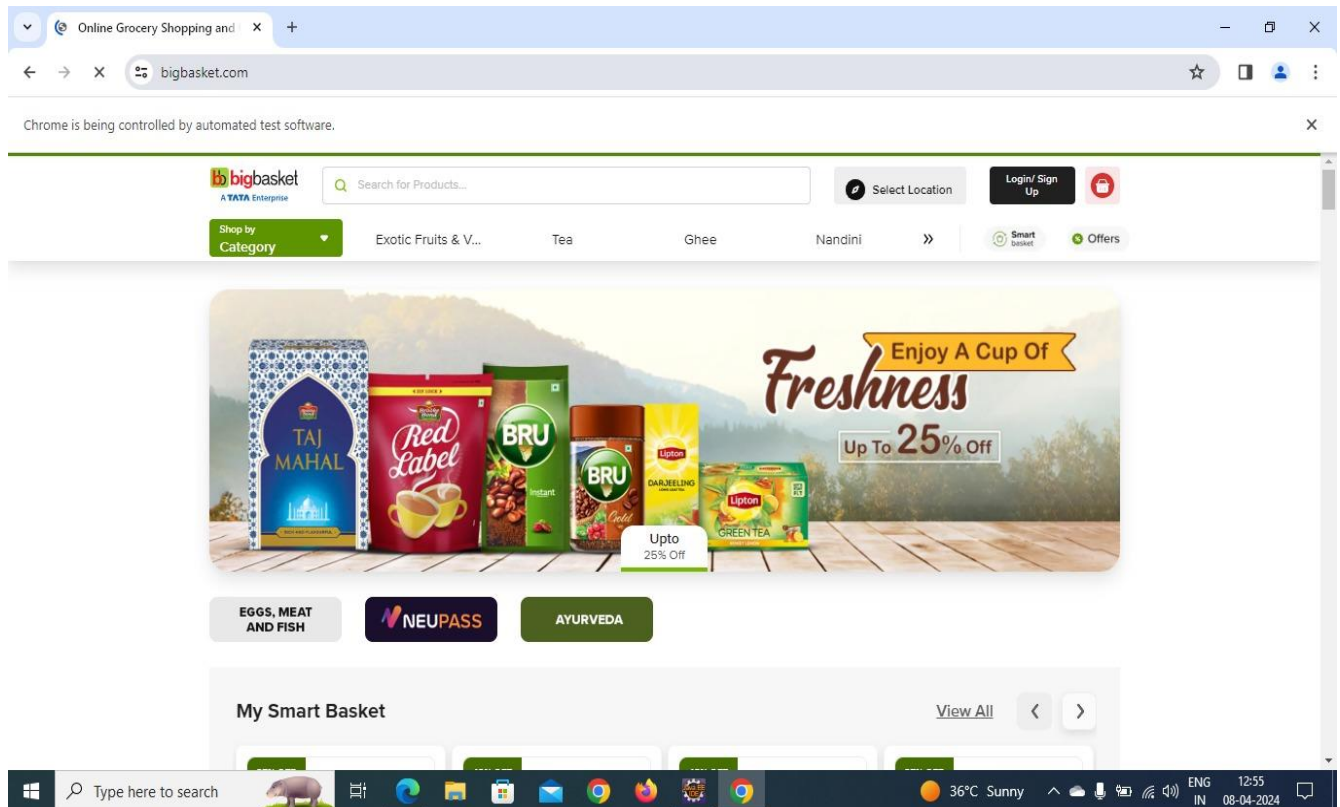
        //Click to Add the product
        WebElement comfort=
driver.findElement(By.xpath("(//button[text()='Add'])[2]"));
        js.executeScript("arguments[0].click()",comfort);
        System.out.println("Add Comfort Product successfully");

        Thread.sleep(3000);
    }
    @Test(priority=13)
    public void clickBasket() throws InterruptedException {
        WebElement basket =
driver.findElement(By.xpath("//span[@style='transform: none;']"));
        basket.click();
        Thread.sleep(10000);
    }
    @Test(priority=15)
    public void clickCheckout() {
        //Click checkout btn
        WebElement checkout =
driver.findElement(By.xpath("(//button[text()='Checkout'])[1]"));
        checkout.click();
    }
}

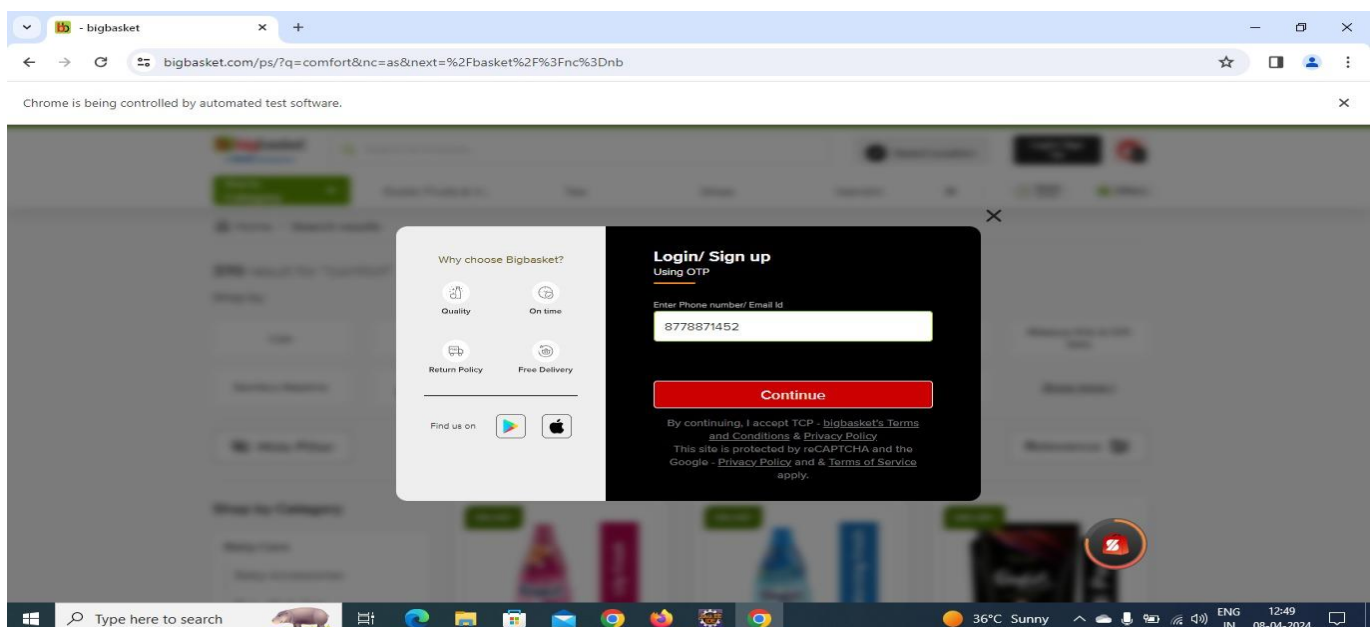
```

Grocery order in big basket website

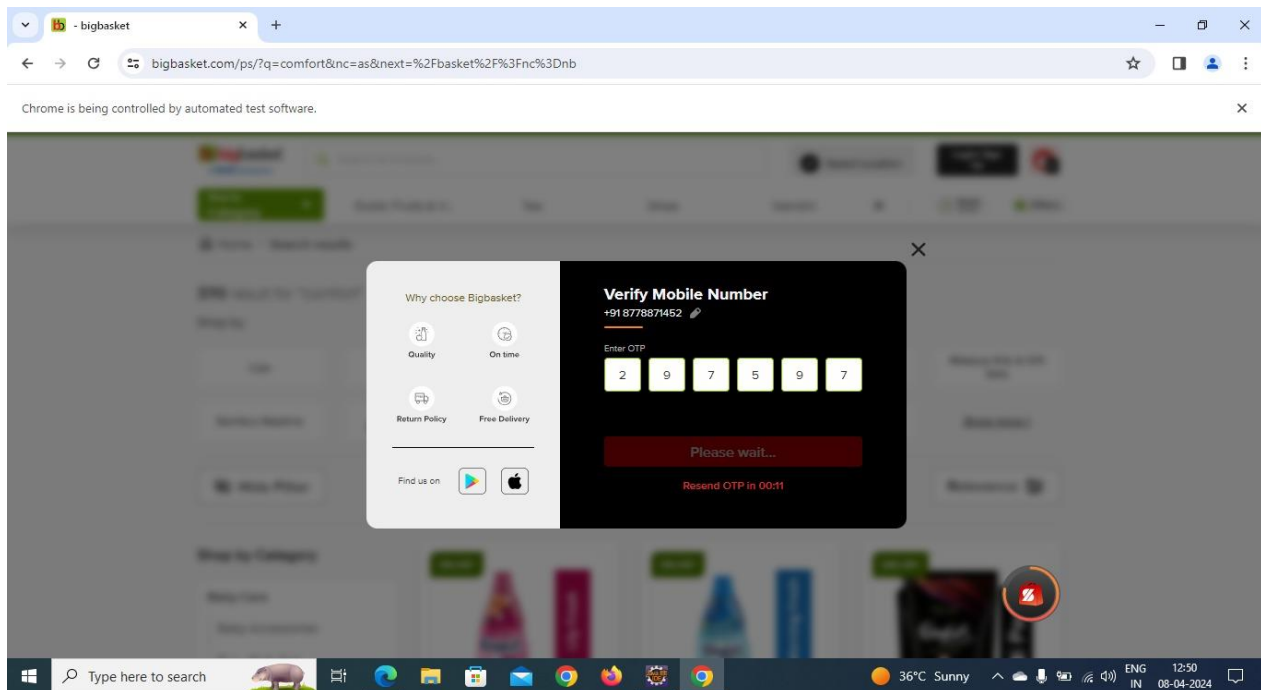
1. After the automated code runs the big basket page opens like this



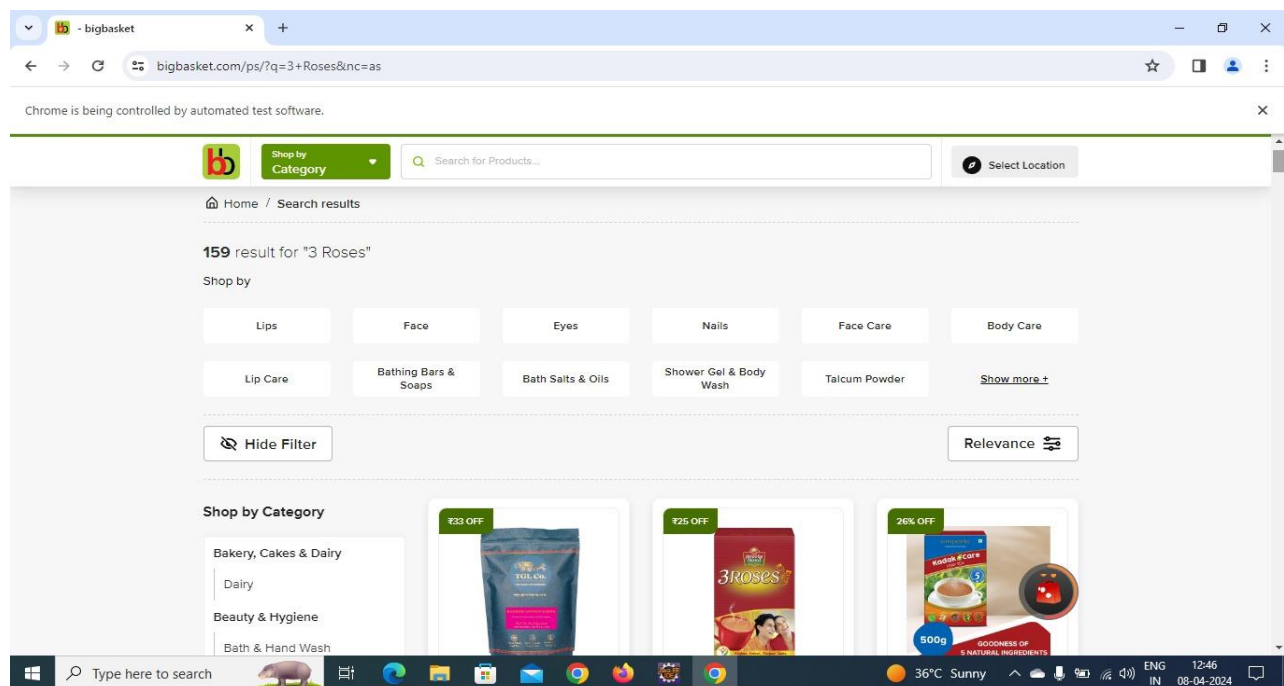
2. Second step it will login using mobile no



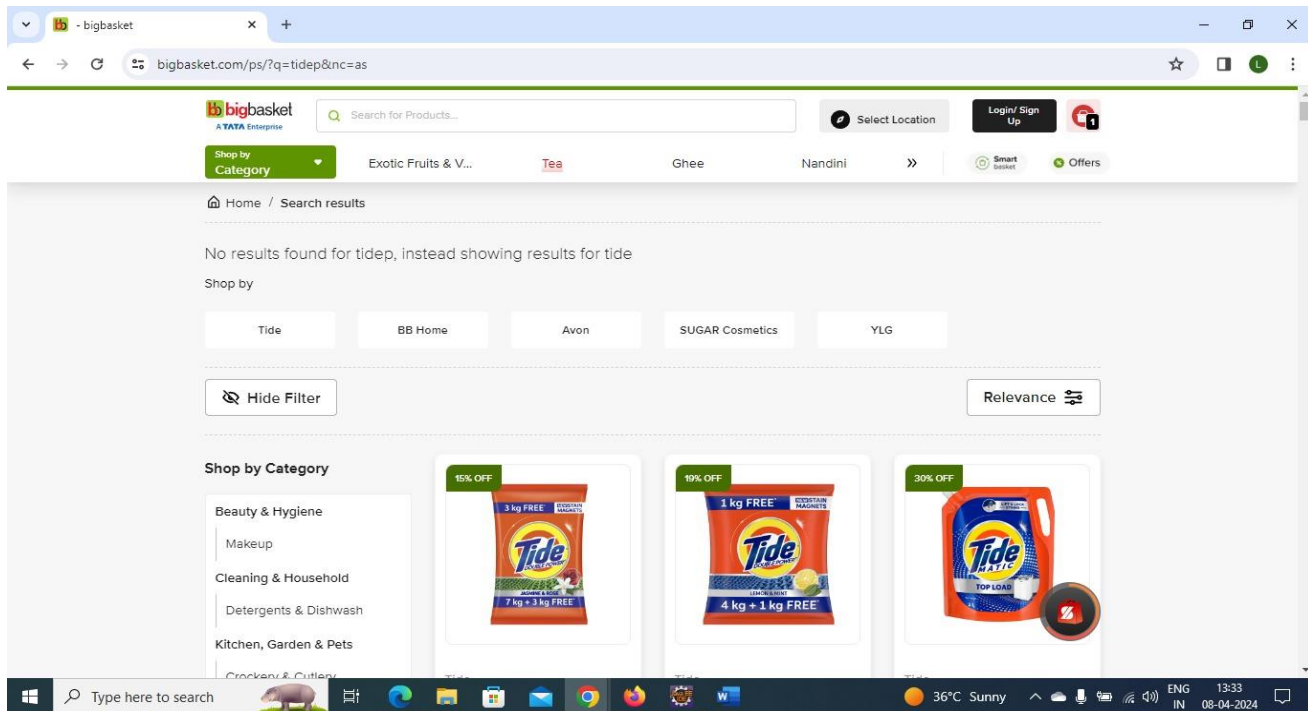
3. Enter OTP and click to continue



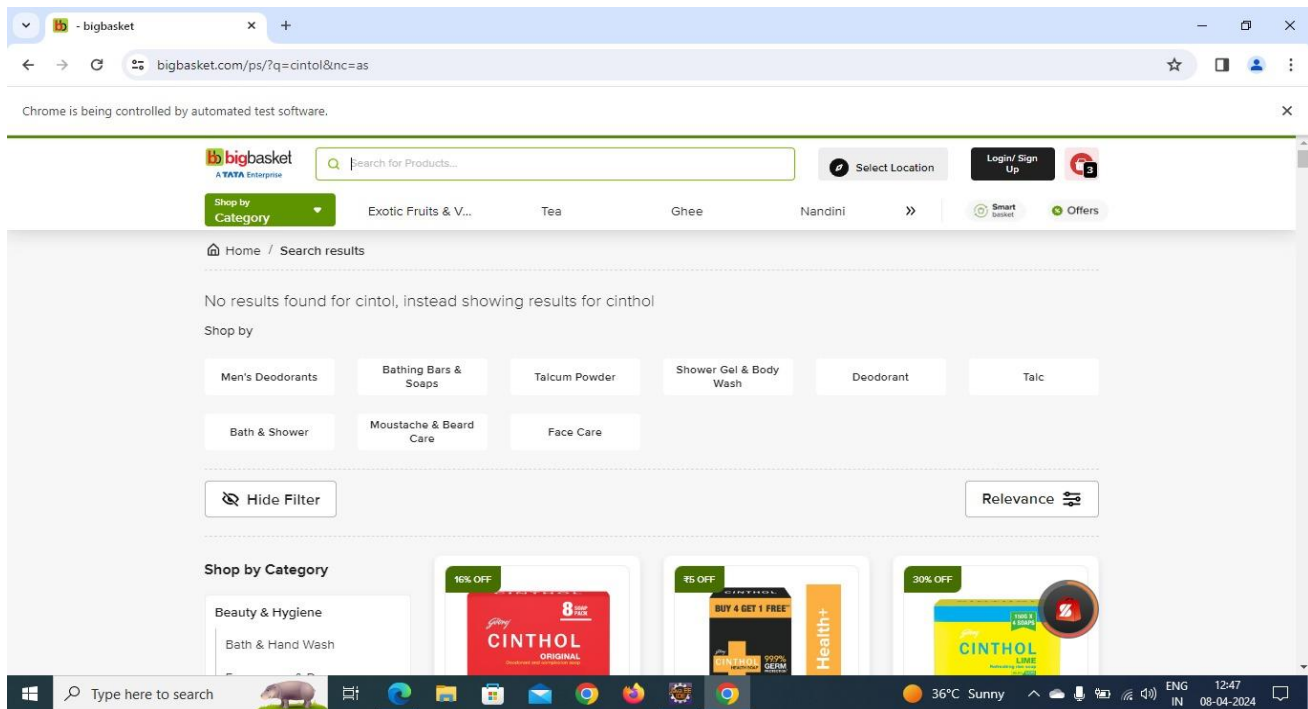
4. In next step search product in 3 roses



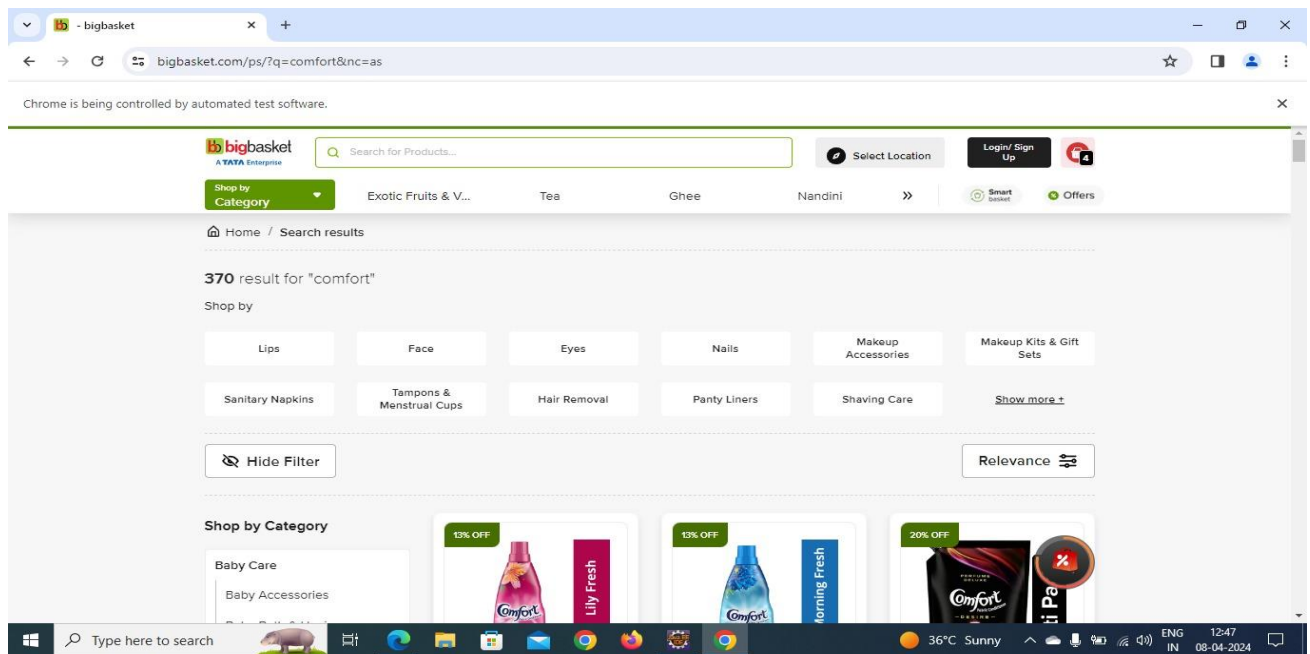
5. In next step search product in Tidepowder



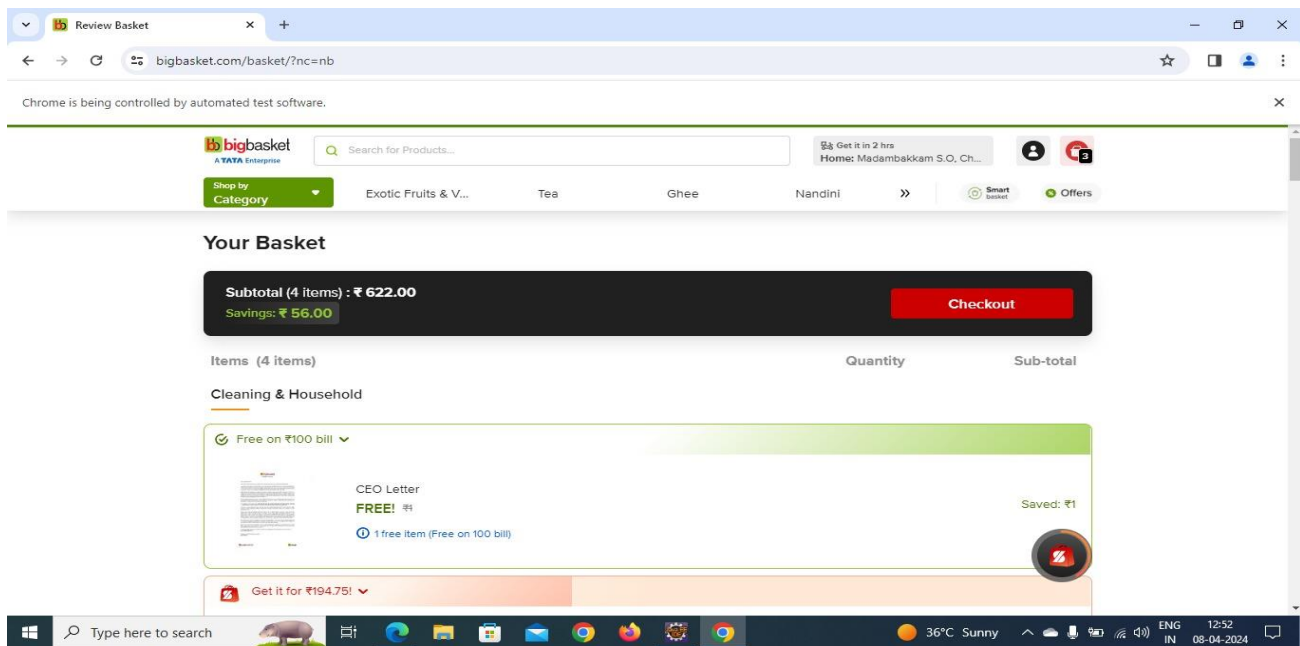
6. In next step search product in Cinthol



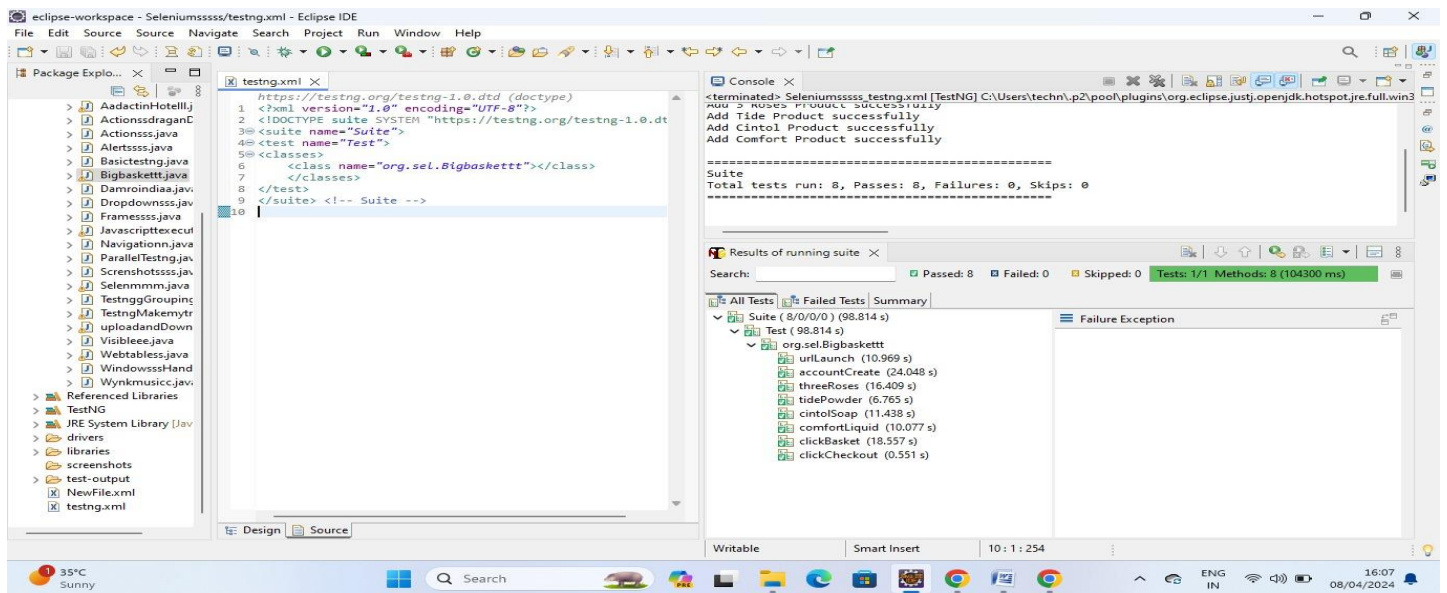
7. In next step search product in comfort



8. After click the checkout page



9. TestNG and console



CONCLUSION

- 1. Outcome:** Successful demonstration of streamlined automation for ordering grocery on big basket.
- 2. Tools Used:** Selenium in Eclipse.
- 3. Advantages:** Improved efficiency in the ordering process. Reduction in manual errors during the transaction.
- 4. Resulting in:** By using test automation, the project creates the foundation for future developments in placing orders through online platform.