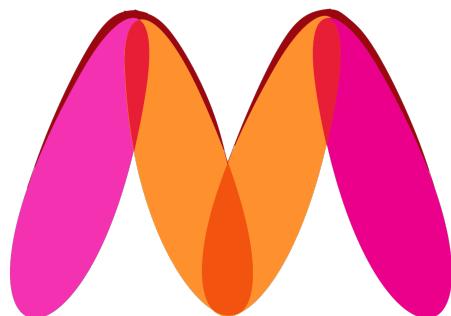


**PROJECT ON MYNTRA ONLINE SHOPPING WEBSITE
TO PURCHASE THE PRODUCT**



Myntra

**BY : GOPI
SLA SOFTWARE TESTING STUDENT**

ABSTRACT

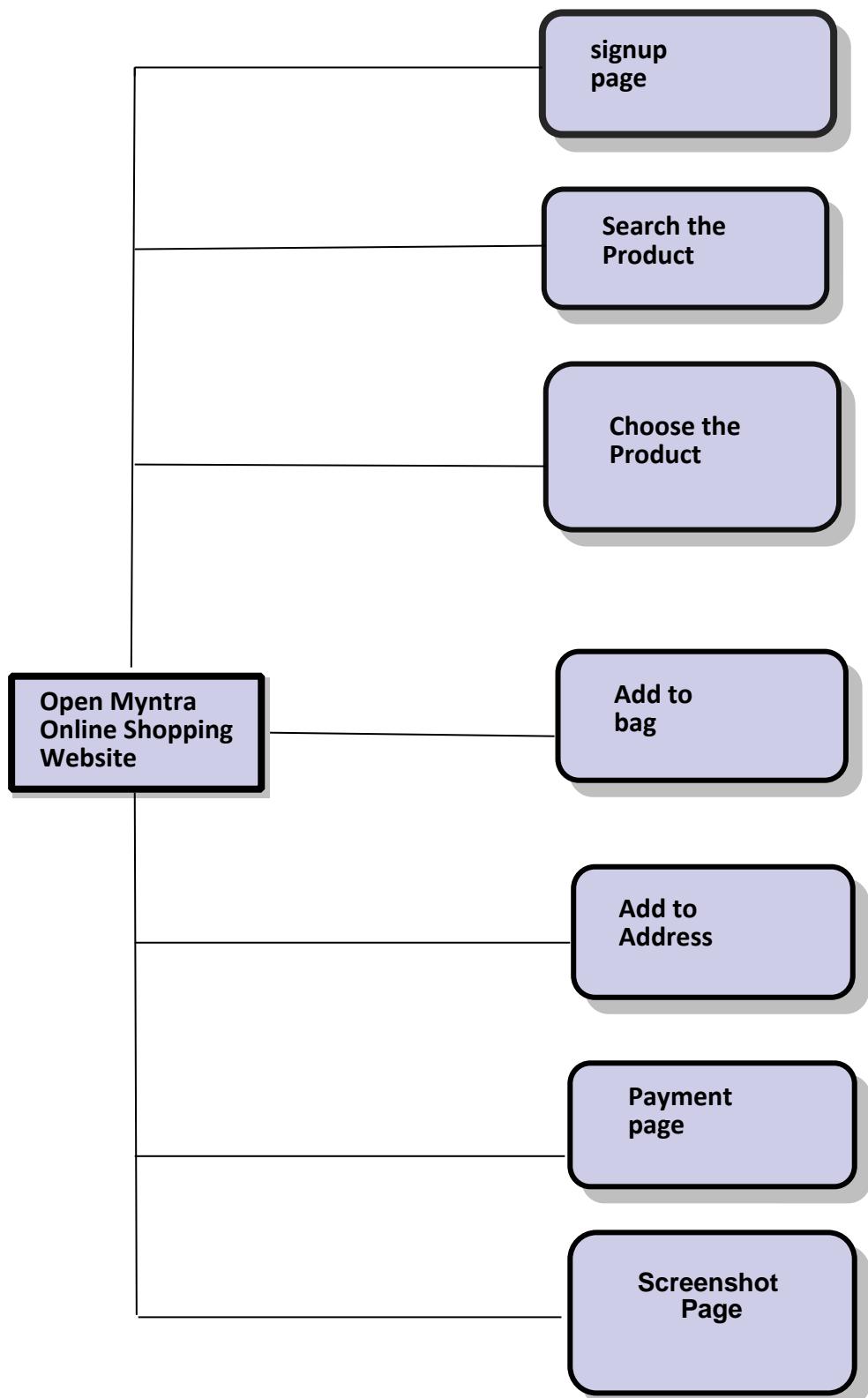
1. Objective : Automation of the Product Purchasing process on Myntra Online Shopping website using Selenium Tool in Eclipse.

2. Steps :

- ❖ First Open the Myntra online shopping website.
- ❖ Sign in with a Mobile number with OTP.
- ❖ Search the Product in the Search bar.
- ❖ Choose the Product.
- ❖ After put the product Add to bag after you click add to bag.
- ❖ After you continue the Place Order.
- ❖ Add Address details Proceed by the required details.
- ❖ After you Proceed to the Payment Page with required details through the payment Process.
- ❖ Finally, proceed to the Payment Step.

3. Purpose : Enhancing efficiency and accuracy in the product purchasing process on myntra online shopping website through automated testing.

PROCESS OF PURCHASE PRODUCT



Testing Myntra Online Shopping Website in chrome:

```
package project;

import java.io.File;
import java.io.IOException;
import java.util.Set;

import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.OutputType;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;
import org.openqa.selenium.io.FileHandler;
import org.testng.annotations.AfterSuite;
import org.testng.annotations.BeforeSuite;
import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Myntra {
    WebDriver driver;
    Actions ac;
    JavascriptExecutor j;

    @BeforeSuite
    public void launchBrowser() {
        WebDriverManager.chromedriver().setup();
        driver=new ChromeDriver();
        ac=new Actions(driver);
        j=(JavascriptExecutor)driver;

    }

    @Test(priority=1)
    Run/debug
    public void openMyntra() {
        driver.get("https://www.myntra.com/");
        driver.manage().window().maximize();

    }
    @Test(priority=2)
    Run/debug
    public void loginPage() throws InterruptedException {
        WebElement move = driver.findElement(By.xpath("//span[@class='desktop-userTitle'][1]"));
        ac.moveToElement(move).perform();

        driver.findElement(By.xpath("//a[normalize-space()='login / Signup']")).click();
        driver.findElement(By.xpath("//input[@autocomplete='new-password']")).sendKeys("9843702224");
        driver.findElement(By.xpath("//div[@class='submitBottomOption']")).click();
        Thread.sleep(5000);
    }

    @Test(priority=3)
    Run/debug
    public void searchProduct() throws InterruptedException {
        WebElement search = driver.findElement(By.xpath("//input[contains(@placeholder,'Search for')]"));
        search.sendKeys("Wrong casual shoes");
        driver.findElement(By.xpath("//span[@data-reactid='909']")).click();
    }
}
```

```

@Test(priority=4)
Run/debug
public void chooseProduct() throws InterruptedException {
    Thread.sleep(2000);
    driver.findElement(By.xpath("//div[@class='product-productMetaInfo'][1]")).click();

    String parent = driver.getWindowHandle();
    System.out.println(parent);
    Set<String> allwin = driver.getWindowHandles();
    System.out.println(allwin);
    for(String Totalwin:allwin)
        if(!parent.equals(Totalwin)) {
            driver.switchTo().window(Totalwin);
        }

    WebElement review = driver.findElement(By.id("headingContainer"));
    j.executeScript("arguments[0].scrollIntoView(true)", review);
    driver.findElement(By.xpath("//div[text()='View Details']")).click();
    driver.findElement(By.xpath("//span[contains(@class,'myntraweb-sprite ')][19]")).click();
    WebElement up = driver.findElement(By.xpath("//button[text()='Size Chart']"));
    j.executeScript("arguments[0].scrollIntoView(false)", up);
    driver.findElement(By.xpath("//p[text()='10']")).click();
}

@Test(priority=5)
Run/debug
public void addtoBag() throws InterruptedException {
    Thread.sleep(2000);

    driver.findElement(By.xpath("//div[text()='ADD TO BAG']")).click();
    Thread.sleep(2000);
    driver.findElement(By.xpath("//span[text()='GO TO BAG']")).click();
    Thread.sleep(2000);
    driver.findElement(By.xpath("//div[text()='PLACE ORDER']")).click();

}

@Test(priority=6)
Run/debug
public void addAddress() throws InterruptedException {
    Thread.sleep(2000);

    Thread.sleep(2000);
    WebElement name = driver.findElement(By.id("name"));
    name.click();
    Thread.sleep(2000);
    name.sendKeys("Ajithkumar");

    Thread.sleep(2000);
    WebElement no = driver.findElement(By.id("mobile"));
    no.click();
    Thread.sleep(2000);
    no.sendKeys("9843702224");

    WebElement pin = driver.findElement(By.id("pincode"));
    pin.click();
    Thread.sleep(2000);
    pin.sendKeys("631102");

    Thread.sleep(2000);
    WebElement add = driver.findElement(By.id("streetAddress"));
    j.executeScript("arguments[0].click", add);
    Thread.sleep(2000);
    add.sendKeys("143/a, Mettu Street, Abdullapuram Village");
}

```

```

Thread.sleep(2000);
WebElement loc = driver.findElement(By.id("locality"));
j.executeScript("arguments[0].click", loc);
Thread.sleep(2000);
loc.sendKeys("Rendadi");
Thread.sleep(2000);

Thread.sleep(2000);
WebElement def = driver.findElement(By.xpath("//span[text()='Make this my default address']"));
Thread.sleep(2000);
j.executeScript("arguments[0].scrollIntoView(true)", def);
Thread.sleep(2000);

WebElement cl = driver.findElement(By.xpath("//div[text()='ADD ADDRESS']"));
Thread.sleep(2000);
cl.click();
Thread.sleep(2000);
WebElement cont = driver.findElement(By.xpath("//div[@data-testid='button']"));
Thread.sleep(2000);
cont.click();

Thread.sleep(2000);
}

@Test(priority=7)
Run/debug
public void paymentPage() throws InterruptedException {

Thread.sleep(2000);
driver.findElement(By.xpath("//div[@class='codCardUI-base-icon']")).click();
Thread.sleep(2000);
WebElement dow = driver.findElement(By.xpath("//button[text()='PLACE ORDER']"));
j.executeScript("arguments[0].scrollIntoView(true)", dow);
Thread.sleep(2000);

}

@Test(priority=8)
Run/debug
public void screenShot() throws IOException, InterruptedException {
Thread.sleep(2000);
TakesScreenshot tk=(TakesScreenshot)driver;
File source = tk.getScreenshotAs(OutputType.FILE);
File des=new File("C:\\\\Users\\\\elcot\\\\eclipse-workspace\\\\SeleniumNew\\\\Screenshot\\\\OrderConfirm.png");
FileHandler.copy(source, des);

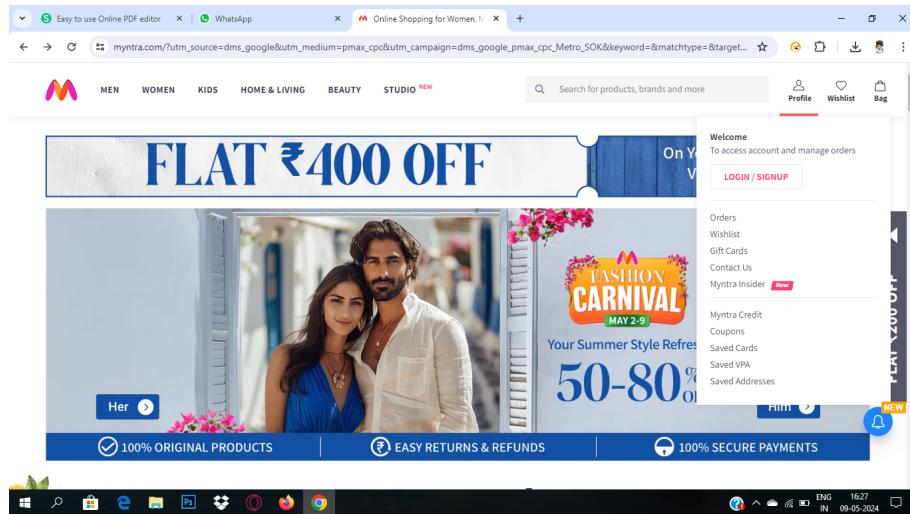
}
@AfterSuite
public void closeBrowser() {
driver.quit();
}

}

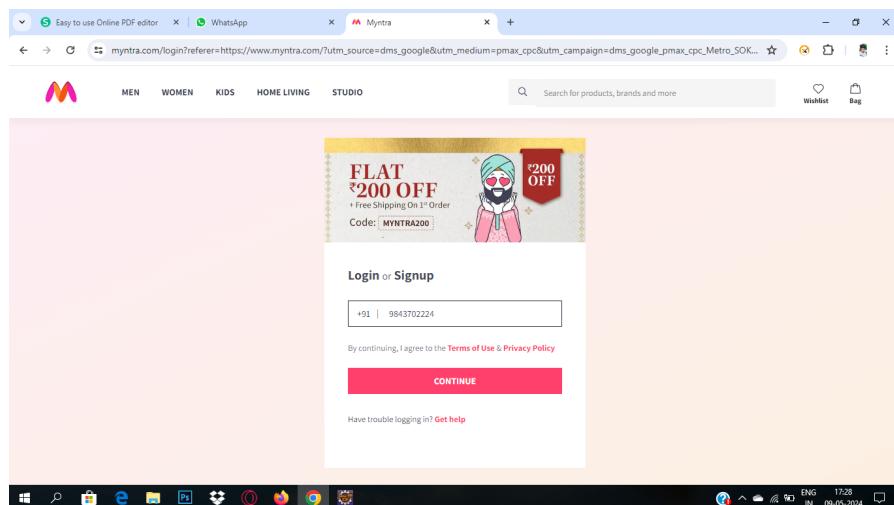
```

PURCHASING THE PRODUCT USING MYNTRA ONLINE SHOPPING WEBSITE

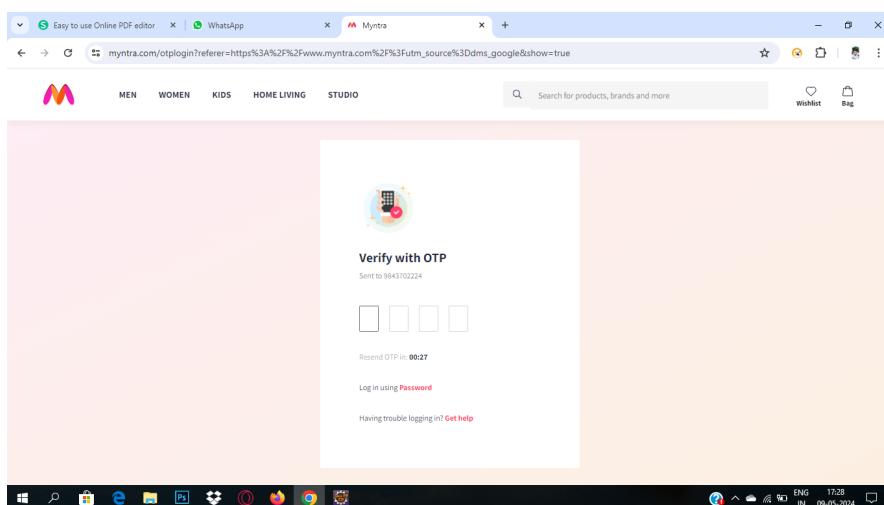
1. After the Automate code run, the myntra online shopping website open like this



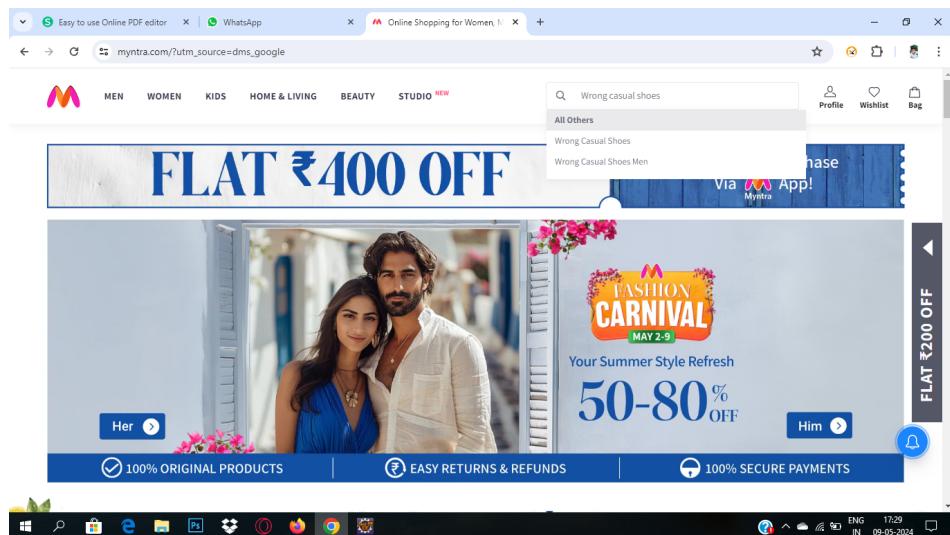
2. In Next Step, it Will Signup using the login details from the code.



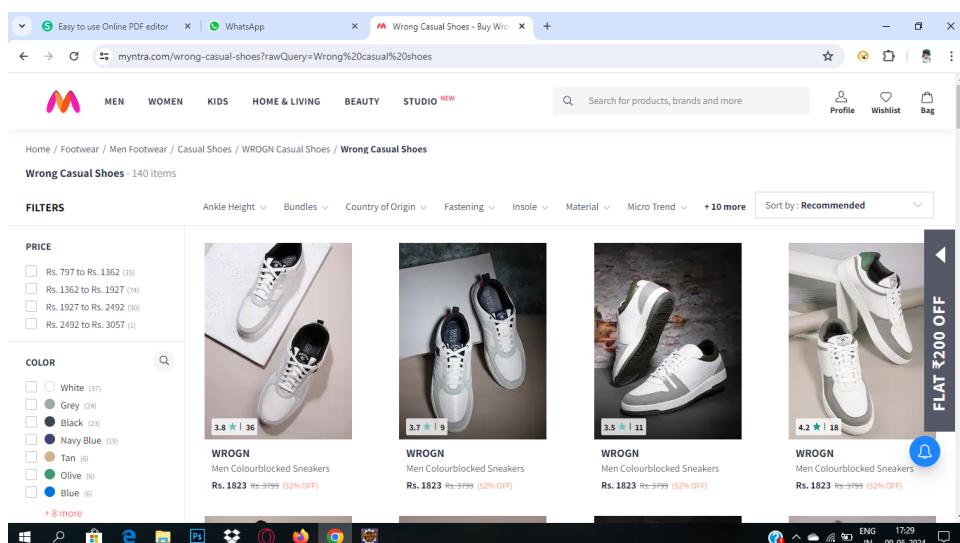
3. After Show the Under This Page and Receive the OTP.



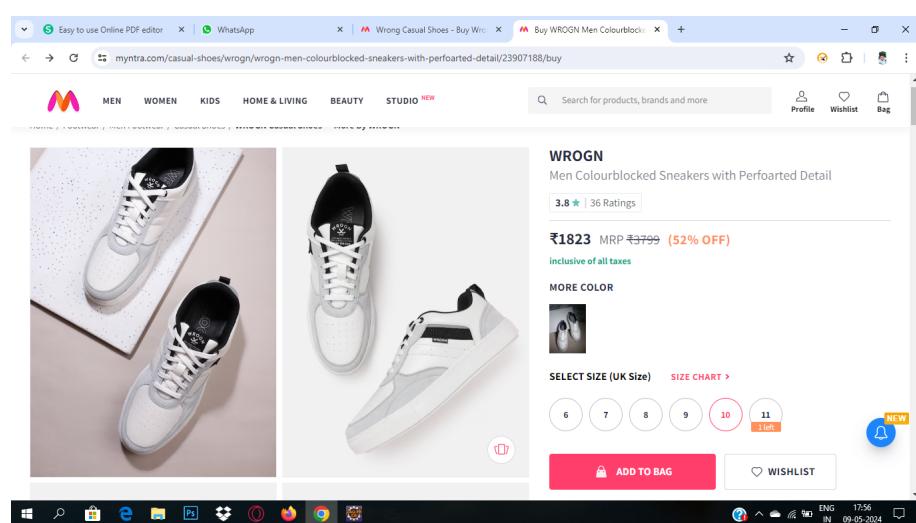
3. In Next Step Login Success After Search the Product.



4. After Receive This Page You Choose the Product.



5. In Next Step You Choose Size and Put Add to Bag.



6. After You Click The Add to Bag then after Show the Add to Bag Page You Click the Place Order

The screenshot shows the Myntra shopping cart page. At the top, there are tabs for 'Easy to use Online PDF editor', 'WhatsApp', and 'Wrong Casual Shoes - Buy Wr...'. The main header includes 'BAG', 'ADDRESS', 'PAYMENT', and a '100% SECURE' badge. Below the header, it says 'Deliver to: Ajithkumar, 631102 143/A, Mettu Street, Abdulapuram Village, Rendadi, Sholinghur' with a 'CHANGE ADDRESS' button. A section for 'Available Offers' shows a 10% instant discount on Citi-branded Credit and Debit Cards. There is a 'COUPONS' section with an 'Apply Coupons' button and an 'APPLY' button. A 'GIFTING & PERSONALISATION' section offers 'Buying for a loved one?' with a gift wrap option for ₹25. A 'SUPPORT TRANSFORMATIVE SOCIAL WORK IN INDIA' section has a 'Donate and make a difference' button and a '₹10' button. The main product listing shows a pair of 'WROGN Men Colourblocked Sneakers with Perforated Detail' from Flashstar Commerce. It lists 'Size: 10 - Qty: 1 - ₹1,823 → ₹1,976 52% OFF' and '14 days return available'. Below the product is a 'MOVE TO WISHLIST' button. The bottom of the page shows a toolbar with various icons and the system status: ENG IN 09-05-2024 17:57.

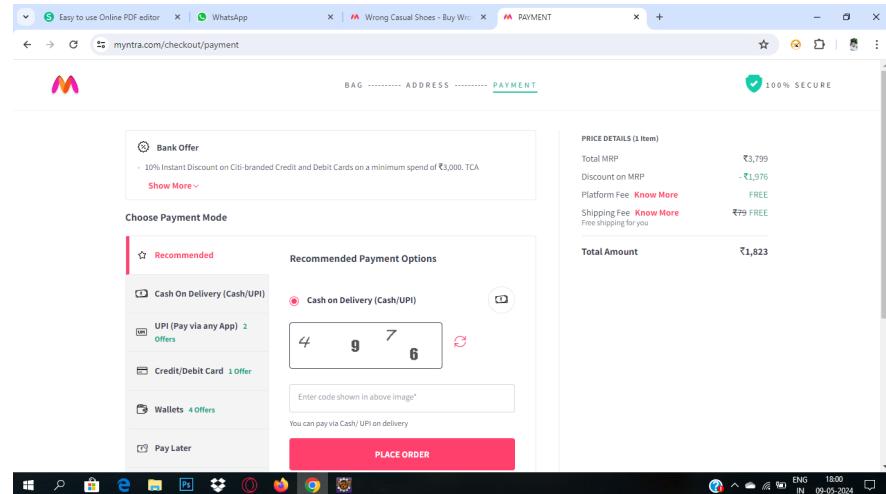
7. Show the Address Page You Give the details.

The screenshot shows the Myntra address entry page. The header includes 'BAG', 'ADDRESS', 'PAYMENT', and a '100% SECURE' badge. On the left, there is a 'CONTACT DETAILS' section with fields for 'Name*' and 'Mobile No*'. Below it is an 'ADDRESS' section with fields for 'Pin Code*', 'Address (House No, Building, Street, Area)*', 'Locality / Town*', 'City / District*', and 'State*'. A 'SAVE ADDRESS AS' section offers 'Home' or 'Work' options. To the right, there is a 'PRICE DETAILS (1 Item)' section showing 'Total MRP ₹3,799', 'Discount on MRP - ₹1,976', 'Platform Fee Know More FREE', 'Shipping Fee Know More ₹79 FREE', and 'Free shipping for you'. The total amount is listed as ₹1,823. The bottom of the page shows a toolbar with various icons and the system status: ENG IN 09-05-2024 17:58.

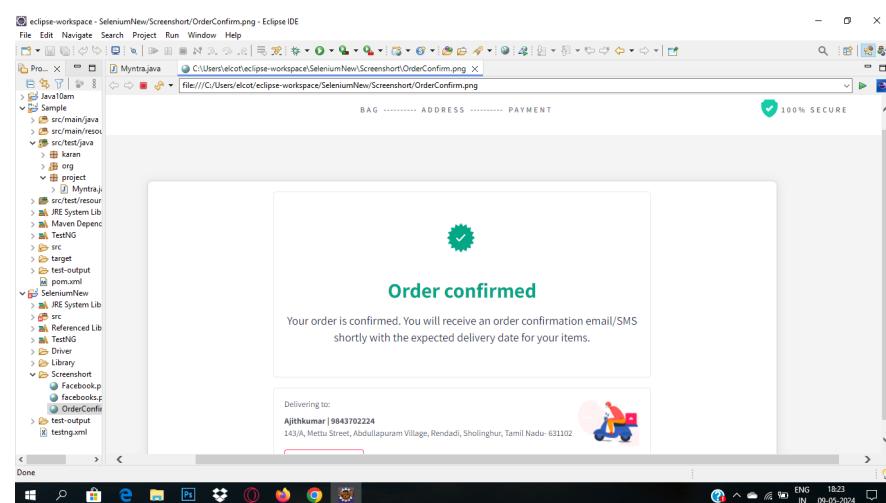
8. You Click the Continue Process.

The screenshot shows the Myntra delivery address selection page. The header includes 'BAG', 'ADDRESS', 'PAYMENT', and a '100% SECURE' badge. On the left, there is a 'SELECT DELIVERY ADDRESS' section with a 'DEFAULT ADDRESS' subsection. It shows an address for 'Ajithkumar' at '143/A, Mettu Street, Abdulapuram Village, Rendadi, Sholinghur, Tamil Nadu - 631102' with a mobile number '9843702224'. Below this is a note 'Pay on Delivery available' with 'REMOVE' and 'EDIT' buttons. A '+ Add New Address' button is also present. To the right, there is a 'DELIVERY ESTIMATES' section with a delivery date of '11 May 2024'. Below it is a 'PRICE DETAILS (1 Item)' section showing 'Total MRP ₹3,799', 'Discount on MRP - ₹1,976', 'Platform Fee Know More FREE', 'Shipping Fee Know More ₹79 FREE', and 'Free shipping for you'. The total amount is listed as ₹1,823. A large red 'CONTINUE' button is at the bottom. The bottom of the page shows a toolbar with various payment method icons and the system status: ENG IN 09-05-2024 18:00.

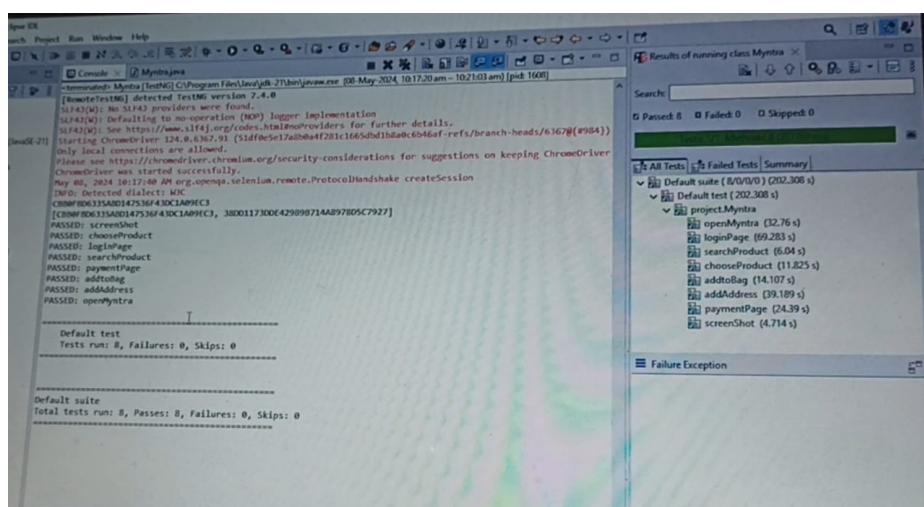
9. After You Choose the Payment Method after You Will Get the Confirm Order.



10. Payment Process after I'll Give the Code to Get Screenshot From the Order Confirm Page.



11. Automate Code Run After Like This Console Page.



CONCLUSION

1. Outcome : Successful demonstration of streamlined automation for purchasing the product on Myntra online shopping website.

2. Tools Used : Selenium in Eclipse.

3. Advantages:

- Improved efficiency in the Product Purchasing Process.
- Reduction in manual errors during the transaction.

4. Implications : The project lays the groundwork for future advancements in optimizing online shopping experiences through test automation.