



**A Project**  
**Report On**  
**Automation testing using java class on**  
**“Goibibo website”**

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## **Introduction:**

This Project aims to do overall testing like functional testing, GUI testing on website to check quality of application. It helps to improve quality of website and saves time for manually doing this testing. In this project our main focus is to check functionalities available on website. Also it includes title check and all links count with their working status.

## **Software Requirements:**

Operating System: Window 10

Browser: Latest version of Firefox & chrome

IDE: Eclipse IDE

Front-end: Java

### TC01: Launch the browser and open the Goibibo website

-For Mozilla Firefox

```
System.setProperty("webdriver.gecko.driver", "D:\\selenium jar\\geckodriver-v0.29.1-win64\\geckodriver.exe");  
WebDriver w = new FirefoxDriver();  
w.get("https://www.goibibo.com/trains/");
```

-For Chrome

```
System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\KOMAL\\\\Desktop\\\\selenium jar\\\\chromedriver_win32\\\\chromedriver.exe");  
WebDriver w = new ChromeDriver();  
w.get("https://www.goibibo.com");
```

### TC02: To Test the functionality of the Round trip Button

```
w.manage().window().maximize();  
w.findElement(By.id("roundTrip")).click();
```

### TC03: To Test the functionality of the Search Button

//click on the source textbox

WebElement ele=

```
w.findElement(By.cssSelector("input[id='gosuggest_inputSrc']")); //source  
ele.sendKeys("Pune");  
Thread.sleep(2000);  
ele.sendKeys(Keys.ARROW_DOWN);  
ele.sendKeys(Keys.ENTER);  
Thread.sleep(2000);
```

//click on the destination textbox

WebElement

```
ele2=w.findElement(By.cssSelector("input[id='gosuggest_inputDest']")); //destination  
ele2.sendKeys("Mumbai");  
Thread.sleep(2000);  
ele2.sendKeys(Keys.ARROW_DOWN);  
ele2.sendKeys(Keys.ENTER);  
Thread.sleep(2000);  
//select the Departure date  
w.findElement(By.id("departureCalendar")).click();
```

```

        while(!w.findElement(By.xpath("//*[@id=\"searchWidgetCommon\"]/div[1]/div[1]/div[1]/div/div[6]/div/div/div/div[2]/div/div[1]")).getText().contains("July"))
        {
            w.findElement(By.xpath("//*[@id=\"searchWidgetCommon\"]/div[1]/div[1]/div[1]/div/div[6]/div/div/div/div[1]/span[2]")).click();
        }

        List<WebElement> datelist=w.findElements(By.className("calDate"));
        int count=datelist.size();

        for(int i=0;i<count;i++)
        {

            String text=w.findElements(By.className("calDate")).get(i).getText();

            System.out.println("text is"+text);

            if(text.equalsIgnoreCase("20"))
            {
                w.findElements(By.className("calDate")).get(i).click();
                break;
            }
        }

        Thread.sleep(2000);
        //Select the Return Date
        Thread.sleep(5000);
        w.findElement(By.id("returnCalendar")).click();
        Thread.sleep(2000);

        while(!w.findElement(By.xpath("//*[@id=\"searchWidgetCommon\"]/div[1]/div[1]/div[1]/div/div[8]/div/div/div/div[2]/div/div[1]")).getText().contains("July"))
        {

            w.findElement(By.xpath("//*[@id=\"searchWidgetCommon\"]/div[1]/div[1]/div[1]/div/div[8]/div/div/div/div[1]/span[2]")).click();
        }

        List<WebElement> datelist1=w.findElements(By.className("calDate"));

```

```

    int count1=datelist1.size();

    for(int i=0;i<count1;i++)
    { String text1=w.findElements(By.className("calDate")).get(i).getText();
      System.out.println("text is"+text1);
      if(text1.equalsIgnoreCase("24"))
      {
        w.findElements(By.className("calDate")).get(i).click();
        break;
      }
    }

    // click on to the Search button

    w.findElement(By.id("gi_search_btn")).click();

```

#### TC04: To Test the filter of Departure time tab and Flight details

// Next Page departure time

```

Thread.sleep(2000);

w.findElement(By.xpath("//*[@id=\"root\"]/div[2]/div/div[2]/div/div[4]/div[1]/div[1]/div/div/div/div/div/div[2]/div[1]/div[2]/a/span")).click();//flight details
Thread.sleep(2000);

w.findElement(By.xpath("//*[@id=\"root\"]/div[2]/div/div[2]/div/div[4]/div[1]/div[1]/div/div/div/div/div/div[1]/div[2]/div/div")).click();

```

#### TC05: To Test the functionality of navigate to parent page

//to come back to the parent tab  
w.navigate().back();

#### TC06: To Test the functionality of Read More tab

```
Thread.sleep(2000);
w.findElement(By.xpath("//body/div[@id='root']/div[2]/div[1]/div[3]/div[3]/a[1]/img[1]")).click();
Thread.sleep(2000);
```

#### TC07: To Test the functionality of International Travel Guidelines

```
w.findElement(By.xpath("//body/div[3]/div[1]/div[1]/div[1]/div[1]/div[3]/div[1]/a[1]")).click();
```

#### TC08: To Test the functionality of Search country textbox

```
w.findElement(By.id("country-search")).sendKeys("Qatar");
w.findElement(By.xpath("//*[@id='country-list']/div")).click();
Thread.sleep(7000);
```

#### TC09: To Test the functionality of Navigation from super child to parent tab

```
Set <String> window = w.getWindowHandles();
    Iterator <String> it = window.iterator();
    String parentWindow = it.next();
    String childWindow1 = it.next();
    Thread.sleep(7000);
    w.switchTo().window(parentWindow);
    Thread.sleep(2000);
```

#### TC010: To Test the functionality of Product Tab

```
w.findElement(By.xpath("//*[@id='root']/div[2]/div[2]/div/div/ul/li[2]")).click();
    Thread.sleep(2000);
```

#### TC011: To Test the functionality of View All Product button

```
w.findElement(By.xpath("//*[@id='productAnchor']/div[3]/div/div[2]/a")).click();
    Thread.sleep(7000);
```

```
Set <String> window1 = w.getWindowHandles();
    Iterator <String> it1 = window1.iterator();
    String parentWindow2 = it1.next();
    String childWindow2 = it1.next();
```

```
w.switchTo().window(parentWindow2);
```

## Hotel Tab

### TC012: To Test the functionality of Hotel tab

```
w.findElement(By.xpath("//*[@id=\"root\"]/div[1]/header/ul/li[2]/a")).click();//hotel  
tab
```

### TC013: To Test the functionality of Search Hotel Button

```
w.findElement(By.xpath("//*[@id=\"root\"]/div[2]/div/section[1]/div[1]/div/div[1]/div[1]/input  
")).click();//radio button  
w.findElement(By.xpath("//*[@id=\"root\"]/div[2]/div/section[1]/div[1]/div/div[2]/div")  
).click();  
    WebElement ele2= w.findElement(By.cssSelector("input[id='downshift-1-  
input']")); //source  
    ele2.sendKeys("Mumbai");  
    Thread.sleep(2000);  
    ele2.sendKeys(Keys.AROW_DOWN);  
    ele2.sendKeys(Keys.ENTER);  
  
    //Search button  
  
    Thread.sleep(5000);  
    w.findElement(By.xpath("//*[@id=\"root\"]/div[2]/div/section[1]/div[1]/div/button")).c  
lick();//click on search button  
    Thread.sleep(2000);
```

### TC014: To Test the functionality of Filters

```
WebElement ele3 =  
w.findElement(By.xpath("//*[@id=\"root\"]/div[2]/section/div[1]/div[2]/div/div[1]/div[1]/div"))  
;  
    Actions action = new Actions(w);  
  
    //Performing the mouse hover action on the Top locations.  
    action.moveToElement(ele3).perform();  
    //Performing the mouse hover action on Top landmark  
    WebElement ele4 =  
w.findElement(By.xpath("//*[@id=\"root\"]/div[2]/section/div[1]/div[2]/div/div[1]/div[2]/div"))  
;  
  
    action.moveToElement(ele4).perform();  
    //Performing the mouse hover action on Top transit
```

```

        WebElement ele5 =
w.findElement(By.xpath("//*[@id=\"root\"]/div[2]/section/div[1]/div[2]/div/div[1]/div[3]/div"))
;

        action.moveToElement(ele5).perform();
//      w.findElement(By.xpath("//span=[@title='Chhatrapati Shivaji
International Airport']")).click();

        //click on Pay At Hotel

        w.findElement(By.xpath("//*[@id=\"root\"]/div[2]/section/div[1]/div[2]/div/div[1]/div[
4]")).click();
        //click on Free Breakfast

        w.findElement(By.xpath("//*[@id=\"root\"]/div[2]/section/div[1]/div[2]/div/div[1]/div[
5]")).click();

```

#### TC015: To Test the functionality of single hotel information

```

WebElement
ele6=wait.until(ExpectedConditions.visibilityOfElementLocated(By.cssSelector("h4[class
*='dwebCommonstyles']")));
        ele6.click();
        Thread.sleep(10000);

```

#### TC016: To Test the functionality of Navigation to parent Tab

```

//navigate to main window

        Set <String> windows = w.getWindowHandles();
        String mainwindow = w.getWindowHandle();

        for (String handle: windows)
        {
            w.switchTo().window(handle);
            System.out.println("switched to "+w.getTitle()+" Window");
            String pagetitle = w.getTitle();
            if(pagetitle.equalsIgnoreCase("Online Hotel Booking"))
            {
                w.close();
                System.out.println("Closed the '"+pagetitle+"' Tab now ...");
            }
        }

```



```
}
```

```
w.switchTo().window(mainwindow);
```

```
w.findElement(By.xpath("//*[@id=\"root\"]/div[1]/header/ul/li[2]/a")).click();//hotel tab
```

#### TC017: To Test the functionality of explore more tab

```
//explore More From Hotel tab
```

```
Thread.sleep(5000);
```

```
w.findElement(By.xpath("//*[@id=\"root\"]/div[2]/div/button/h4")).click();
```

#### TC018: To Test the functionality of Destination Hotel Tab

```
//click on the destination hotel
```

```
w.findElement(By.xpath("//*[@id=\"root\"]/div[2]/div/div[3]/section/section/ul/li[1]/a/img")).click();
```

```
Thread.sleep(5000);
```

#### TC019: To Test the functionality of Scrolling option

```
w.switchTo().window(mainwindow);
```

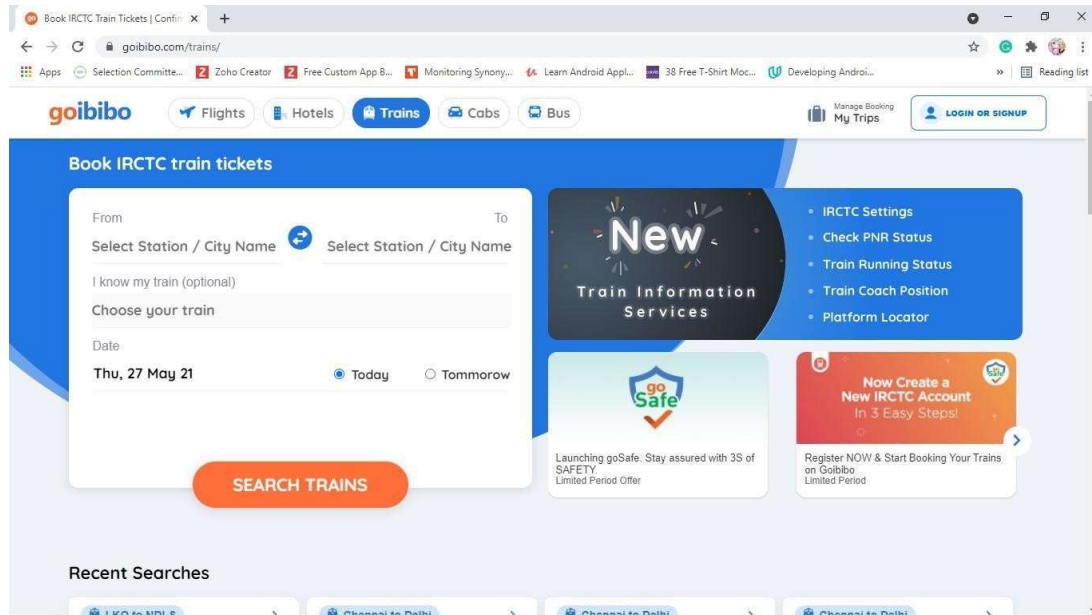
```
w.findElement(By.xpath("//*[@id=\"root\"]/div[1]/header/ul/li[2]/a")).click();//hotel  
tab
```

```
Thread.sleep(3000);
```

```
JavascriptExecutor jse=(JavascriptExecutor) w;  
jse.executeScript("window.scrollTo(0,400)");
```

#### Trains Tab-

#### TC020: To Test the functionality of the Search train button



*//Search train*

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/section[1]/section[1]/section[1]/aside[1]/label[1]/div[1]/div[1]/input[1]")).sendKeys("MSB, Chennai Beach Railway Station", Keys.ENTER);
Thread.sleep(2000);
```

```
w.findElement(By.xpath("/html/body/div[2]/div[1]/div/section/section[1]/section[1]/aside[1]/label[1]/div/div/div/ul/li")).click();
```

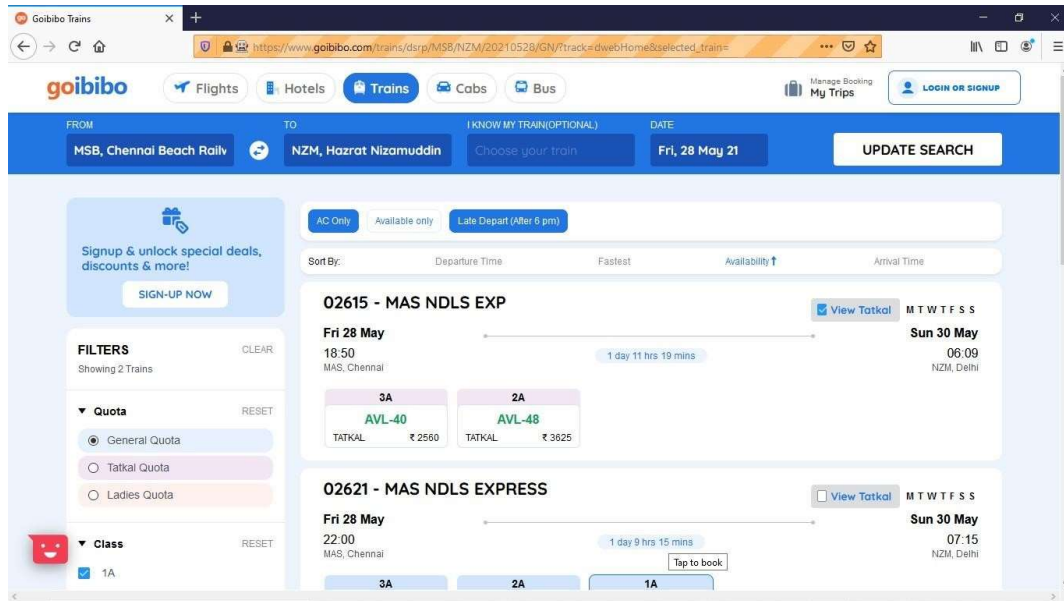
```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/section[1]/section[1]/section[1]/aside[1]/label[2]/div[1]/div[1]/input[1]")).sendKeys("NZM, HazratNizamuddin Railway Station", Keys.ENTER);
Thread.sleep(2000);
```

```
w.findElement(By.xpath("//body[1]/div[2]/div[1]/div[1]/section[1]/section[1]/section[1]/aside[1]/label[2]/div[1]/div[1]/div[1]/ul[1]/li[1]")).click();
```

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/section[1]/section[1]/section[1]/aside[3]/div[2]/div[1]/label[2]/span[1]/input[1]")).click();
```

```
w.findElement(By.xpath("//button[contains(text(),'Search Trains')]")).click();
```

**TC021: To Test the functionality of the AVL-40**



*//AVL-40 button*

```
w.findElement(By.xpath("//li[contains(text(),'AC Only')]")).click();
```

```
w.findElement(By.xpath("//li[contains(text(),'Late Depart (After 6 pm)')]")).click();
```

```
w.findElement(By.xpath("//body/div[@id='app']/div[@id='srpPageWrap']/section[2]/section[2]/section[1]/aside[1]/div[2]/label[1]/span[1]")).click();
Thread.sleep(2000);
```

```
w.findElement(By.xpath("//p[contains(text(),'AVL-40')]")).click();
Thread.sleep(2000);
```

### TC022: To Test the functionality of the proceed button

*//Proceed button*

```
w.findElement(By.xpath("//button[contains(text(),'Proceed')]")).click();
Thread.sleep(2000);
```

### TC023: To Test the functionality of the Save Button

*//Save button*

```
w.manage().window().maximize();
JavascriptExecutor js = (JavascriptExecutor)w;
js.executeScript("window.scrollTo(0,500)");
```

```
Thread.sleep(2000);
```

```

w.findElement(By.xpath("//div[contains(text(),'Female')]")).click();

w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[2]/div[3]/div[1]/div[2]/div[2]/input")).sendKeys("Priya");

w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[2]/div[3]/div[1]/div[3]/div[2]/div/input")).sendKeys("25");

w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[2]/div[3]/div[2]/div/div")).click();

w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[2]/div[3]/div[2]/div/div[2]/div/ul/li[4]")).click();

w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[2]/div[4]/div/button")).click();
Thread.sleep(2000);

```

#### TC024: To Test the functionality of the Pay button

```

//pay
w.manage().window().maximize();
JavascriptExecutor js = (JavascriptExecutor)w;
js.executeScript("window.scrollTo(0,500)");

Thread.sleep(2000);
w.findElement(By.xpath("//div[contains(text(),'Female')]")).click();

w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[2]/div[3]/div[1]/div[2]/div[2]/input")).sendKeys("Priya");
w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[2]/div[3]/div[1]/div[3]/div[2]/div/input")).sendKeys("25");

w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[2]/div[3]/div[2]/div/div")).click();

w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[2]/div[3]/div[2]/div/div[2]/div/ul/li[4]")).click();

w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[2]/div[4]/div/button")).click();
Thread.sleep(2000);

w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[3]/div[2]/div/div/div/div/input")).sendKeys("No.1, New Street");

```

```
w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[3]/div[3]/div/div/div/div/input")).sendKeys("600008");
```

```
w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[4]/div[2]/div[1]/div[1]/div/input")).sendKeys("9999999999");
```

```
w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[4]/div[2]/div[2]/div/div/input")).sendKeys("priya@gmail.com");  
Thread.sleep(2000);
```

```
js.executeScript("window.scrollTo(0,1349)");  
Thread.sleep(2000);
```

```
w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[5]/div[2]/div[1]/div[2]/div[1]/input")).sendKeys("Priya123");  
Thread.sleep(2000);
```

```
w.findElement(By.xpath("/html/body/div[2]/div/section/section[2]/section[2]/section[1]/div[8]/button")).click();  
Thread.sleep(2000);
```

#### TC025: To Test the functionality of the close button

//close button

```
w.findElement(By.xpath("/html/body/div[2]/div/section/div[2]/div/div/span")).click();
```

#### TC026: To Test the functionality of the Train button

```
js.executeScript("window.scrollTo(0,-1349)");  
w.findElement(By.xpath("/html/body/div[1]/div[1]/div/header/ul/li[3]/a")).click();  
Thread.sleep(2000);  
System.out.println("search train module over");
```

#### TC027: To Test the functionality of the PNR Status button

//PNR status button

```
w.findElement(By.xpath("//span[contains(text(),'PNR Status')]")).click();
```

#### TC028: To Test the functionality of the check PNR Status button

*//window handling*

```
Set <String>window = w.getWindowHandles();  
Iterator <String>it = window.iterator();  
String parentWindow = it.next();  
String childWindow1 = it.next();
```

*//switching to PNR Page*

```
w.switchTo().window(childWindow1);  
Thread.sleep(1000);
```

```
w.findElement(By.name("pnr_code")).sendKeys("1123456778");  
w.findElement(By.xpath("//h2[contains(text(),'Check PNR Status')]")).click();  
w.navigate().back();  
w.close();
```

*//switching to parent page*

```
w.switchTo().window(parentWindow);  
w.findElement(By.xpath("/html/body/div[1]/div[1]/div/header/ul/li[3]/a")).click();  
System.out.println("PNR status module over");
```

#### **TC029: To Test the functionality of the Live Status button**

*//Live Status button*

```
w.findElement(By.xpath("//span[contains(text(),'Live train status')]")).click();  
Thread.sleep(2000);
```

#### **TC030: To Test the functionality of the check train Status button**

*//Window handling*

```
Set <String>window1 = w.getWindowHandles();  
Iterator <String>it1 = window1.iterator();  
String parentWindow1 = it1.next();  
String childWindow11 = it1.next();
```

*//LIVE STATUS Page*

```
w.switchTo().window(childWindow11);
```

*//Check train status*

```
w.findElement(By.xpath("/html/body/div[2]/div[1]/div[2]/div[2]/div/section/div[1]/div/input"))  
.sendKeys("16127");  
Thread.sleep(1000);
```

```
w.findElement(By.xpath("/html/body/div[2]/div[1]/div[2]/div[2]/div/section/div[1]/div/div/div/ul/li/div/div/div/span")).click();
```

```
w.findElement(By.xpath("/html/body/div[2]/div[1]/div[2]/div[2]/div/section/div[3]/div/div/div/div[1]/button[2]")).click();
```

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[2]/div[2]/div[1]/div[1]/div[1]/input[1]")).click();  
w.close();
```

*//switching to parent page*

```
w.switchTo().window(parentWindow1);
```

*//clicking on train button*

```
w.findElement(By.xpath("/html/body/div[1]/div/div/header/ul/li[3]/a")).click();  
System.out.println("live status module over");  
Thread.sleep(1000);
```

#### TC031: To Test the functionality of the View Train coach button

*//View Train Coach position*

```
w.findElement(By.xpath("//span[contains(text(),'View train coach position')]")).click();
```

#### TC032: To Test the functionality of the check coach position button

*//Window Handling*

```
Set <String>window4 = w.getWindowHandles();
```

```
Iterator <String>it4 = window4.iterator();
```

```
String parentWindow4 = it4.next();
```

```
String childWindow4 = it4.next();
```

*//View Train coach position page*

```
w.switchTo().window(childWindow4);
```

```
Thread.sleep(1000);
```

*//Check Coach position*

```
w.findElement(By.xpath("/html/body/div[2]/div/div[3]/div[2]/div/div[1]/div/input")).sendKeys("23226");
```

```
Thread.sleep(2000);
```

```
w.findElement(By.xpath("/html/body/div[2]/div/div[3]/div[2]/div/div[1]/div/div/div/ul/li/div/div/div/span")).click();  
Thread.sleep(2000);
```

```
w.findElement(By.xpath("/html/body/div[2]/div/div[3]/div[3]/div/button")).click();
```

#### TC033: To Test the functionality of the book button

```
w.findElement(By.xpath("/html/body/div[2]/div/div[2]/section[1]/div/div/a/button")).click();  
w.close();
```

*//Parent page*

```
w.switchTo().window(parentWindow4);
```

```
w.findElement(By.xpath("/html/body/div[1]/div/div/header/ul/li[3]/a")).click();  
Thread.sleep(2000);
```

#### TC034: To Test the functionality of the Platform locator button

*//PLATFORM LOCATOR*

```
w.findElement(By.xpath("//span[contains(text(),'Platform Locator')]")).click();  
Thread.sleep(2000);
```

#### TC035: To Test the functionality of the Search Platform button

*//Window Handling*

```
Set <String>window5 = w.getWindowHandles();  
Iterator <String>it5 = window5.iterator();  
String parentWindow5 = it5.next();  
String childWindow15 = it5.next();
```

*//Platform Locator Page*

```
w.switchTo().window(childWindow15);  
Thread.sleep(1000);
```

*//Search Platform button*

```
w.findElement(By.xpath("/html/body/div[2]/div[1]/div[2]/div[2]/div/section/div[1]/div/input"))  
.sendKeys("23226");  
Thread.sleep(2000);
```



```
w.findElement(By.xpath("/html/body/div[2]/div[1]/div[2]/div[2]/div/section/div[1]/div/div/div/ul/li/div/div/div/span")).click();
Thread.sleep(2000);
```

```
w.findElement(By.xpath("/html/body/div[2]/div[1]/div[2]/div[2]/div/section/div[2]/div/label/div/input")).click();
```

```
        w.findElement(By.xpath("/html/body/div[2]/div[1]/div[2]/div[2]/div/section/div[2]/div/label/div/div/div/ul/li[1]/span/span")).click();
Thread.sleep(2000);
```

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[2]/div[2]/div[1]/div[1]/div[1]/input[1]")).click();
```

#### **TC036: To Test the functionality of the book button**

```
        w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[2]/section[2]/ul[1]/li[1]/a[2]/button[1]")).click();
w.close();
```

*//Parent page*

```
w.switchTo().window(parentWindow5);
        w.findElement(By.xpath("/html/body/div[1]/div/div/header/ul/li[3]/a")).click();
Thread.sleep(2000);
```

#### **TC037: To Test the functionality of the Forgot IRCTC Password button**

*//Forgot IRCTC password*

```
js.executeScript("window.scrollTo(0,500)");
Thread.sleep(1000);
```

```
w.findElement(By.xpath("/html/body/div[2]/div[1]/div/section/section[4]/div/aside[1]/div/a/span")).click();
```

#### **TC038: To Test the functionality of the Get Password button**

*//Window Handling*

```
Set<String>window2 = w.getWindowHandles();
Iterator <String>it2 = window2.iterator();
String parentWindow2 = it2.next();
String childWindow2 = it2.next();
```

*//Forgot password page*

```
w.switchTo().window(childWindow2);
```

*//Get password button*

```
js.executeScript("window.scrollTo(0,200)");  
Thread.sleep(1000);
```

```
w.findElement(By.xpath("//*[@id=\"userid\"]")).sendKeys("priya123");  
w.findElement(By.xpath("//*[@id=\"mobno\"]")).sendKeys("9999999999");  
w.findElement(By.xpath("/html/body/div[2]/div[1]/section/div/div[4]/div[1]/button")).click();  
Thread.sleep(2000);  
w.close();
```

*//Parent page*

```
w.switchTo().window(parentWindow2);  
w.findElement(By.xpath("/html/body/div[1]/div/div/header/ul/li[3]/a")).click();
```

#### **TC039: To Test the functionality of the Forgot IRCTC user button**

*//Forgot IRCTC user*

```
js.executeScript("window.scrollTo(0,500)");  
Thread.sleep(1000);
```

```
w.findElement(By.xpath("/html/body/div[2]/div[1]/div/section/section[4]/div/aside[2]/div/a/  
span")).click();
```

#### **TC040: To Test the functionality of the Request User ID button**

*//Window Handling*

```
Iterator <String>it3 = window3.iterator();  
String parentWindow3 = it3.next();  
String childWindow3 = it3.next();
```

*//Retrieve IRCTC user page*

```
w.switchTo().window(childWindow3);
```

*//Request User ID button*

```
w.findElement(By.xpath("//*[@id=\"registered_id\"]")).sendKeys("abc@gmail.com");  
w.findElement(By.xpath("//*[@id=\"dob\"]")).sendKeys("01/01/1996");  
Thread.sleep(2000);  
w.findElement(By.xpath("/html/body/div[2]/div[1]/section/section/div/div[3]/div[1]/button"))  
.click();
```

```
w.close();
```

```
//Parent page
```

```
w.switchTo().window(parentWindow3);
```

```
w.close();
```

### **CAB Tab**

#### **TC041: To check the functionality of cab module button**

```
wd.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/header[1]/ul[1]/li[4]/a[1]")).click();  
System.out.println("cab module was Automated");  
Thread.sleep(2000);
```

#### **TC042: To check the functionality of Search cab button**

```
//To Automate the radio button
```

```
wd.findElement(By.xpath("//body/div[@id='root']/section[1]/section[1]/section[1]/section[1]/div[1]/label[3]/div[1]/span[1]")).click();  
System.out.println("Third radio button is Automated");
```

```
//From
```

```
wd.findElement(By.id("downshift-1-input")).sendKeys("Chennai, Tamil Nadu, India",  
Keys.ENTER);  
Thread.sleep(2000);
```

```
wd.findElement(By.xpath("//body/div[@id='root']/section[1]/section[1]/section[1]/section[1]/div[2]/section[1]/div[1]/div[1]/li[1]/div[1]")).click();
```

```
//To
```

```
wd.findElement(By.id("downshift-2-input")).sendKeys("Bangalore, Karnataka, India",  
Keys.ENTER);  
Thread.sleep(2000);
```

```
wd.findElement(By.xpath("//body/div[@id='root']/section[1]/section[1]/section[1]/section[1]/div[3]/section[1]/div[1]/div[1]/li[1]")).click();
```

```
//Pickup date
```

```
wd.findElement(By.xpath("//span[contains(text(), '07 Jun' 21)]")).click();  
Thread.sleep(2000);
```

```
wd.findElement(By.xpath("//span[contains(text(), '23')]")).click();  
Thread.sleep(2000);
```

```
//search cab
```

```
wd.findElement(By.xpath("//button[contains(text(), 'SEARCH CABS')]")).click();  
System.out.println("Search button is clicked");
```

#### TC043: To check the functionality of select button

```
wd.manage().window().maximize();
JavascriptExecutor js = (JavascriptExecutor) wd;
js.executeScript("window.scrollTo(0,500)");
Thread.sleep(2000);

//select
wd.findElement(By.xpath("/html/body/div[1]/div[2]/div[3]/div[2]/div[3]/div[1]/div[2]/div[2]/div[2]/span/button")).click();
Thread.sleep(2000);
System.out.println("select button is clicked");
```

#### TC044: To check the functionality of pay button

```
//To Automate the Third radio button
wd.manage().window().maximize();
js.executeScript("window.scrollTo(0,1000)");
Thread.sleep(2000);

//Gender
Select s = new Select(wd.findElement(By.id("gender")));
s.selectByVisibleText("Miss");
Thread.sleep(2000);

//Name
wd.findElement(By.xpath("//body/div[@id='root']/div[2]/div[3]/div[1]/div[4]/div[2]/div[1]/div[1]/div[2]/div[1]/input[1]")).sendKeys("Lakshmi");

//phone number
wd.findElement(By.xpath("//body/div[@id='root']/div[2]/div[3]/div[1]/div[4]/div[2]/div[2]/div[1]/div[2]/div[1]/input[1]")).sendKeys("9876543210");

//Email
wd.findElement(By.xpath("//body/div[@id='root']/div[2]/div[3]/div[1]/div[4]/div[2]/div[3]/div[1]/input[1]")).sendKeys("lakshmi@gmail.com");
Thread.sleep(2000);

//pay button
wd.findElement(By.id("paymentButton")).click();
System.out.println("pay button clicked");
```

#### TC045: To check the functionality of cab link text

```
js.executeScript("window.scrollTo(0,-1000)");
Thread.sleep(2000);
wd.findElement(By.linkText("Cabs")).click();
```

```
Thread.sleep(2000);
```

#### TC046: To check the functionality of Latest update button

```
//latest update
```

```
wd.findElement(By.xpath("//body/div[@id='root']/section[1]/section[1]/section[1]/div[1]/div[2]/ul[1]/li[1]/img[1]")).click();
```

```
Set <String>window = wd.getWindowHandles();
```

```
Iterator <String>it = window.iterator();
```

```
String parentWindow = it.next();
```

```
String childWindow1 = it.next();
```

```
//Travel soon
```

```
wd.switchTo().window(childWindow1);
```

```
Thread.sleep(1000);
```

```
js.executeScript("window.scrollTo(0,500)");
```

```
Thread.sleep(2000);
```

```
System.out.println("Travel soon page");
```

#### TC047: To check the functionality of Karnataka button

```
//Karnataka
```

```
wd.findElement(By.xpath("//span[contains(text(),'Karnataka')]")).click();
```

```
Thread.sleep(2000);
```

#### TC048: To check the functionality of Maharashtra button

```
//Maharashtra
```

```
wd.findElement(By.xpath("//span[contains(text(),'Maharashtra')]")).click();
```

```
Thread.sleep(2000);
```

#### TC049: To check the functionality of Gujarat button

```
//Gujarat
```

```
wd.findElement(By.xpath("//span[contains(text(),'Gujarat')]")).click();
```

```
Thread.sleep(2000);
```

#### TC050: To check the functionality of Madhya Pradesh button

```
//MadhyaPradesh
```

```
wd.findElement(By.xpath("//span[contains(text(),'Madhya Pradesh')]")).click();
```

```
wd.close();
```

#### TC051: To check the functionality of go-safe button

```
wd.switchTo().window(parentWindow);  
Thread.sleep(2000);
```

*//go safe-cabs*

```
wd.findElement(By.xpath("//body/div[@id='root']/section[1]/section[1]/section[1]/div[1]/div  
[2]/ul[1]/li[2]/img[1]")).click();  
Thread.sleep(2000);
```

```
Set <String>window1 = wd.getWindowHandles();  
Iterator <String>it1 = window1.iterator();  
String parentWindow1 = it1.next();  
String childWindow11 = it1.next();
```

*//Check the Latest State-wise Travel Guidelines page*

```
wd.switchTo().window(childWindow11);  
System.out.println("Check the Latest State-wise Travel Guidelines page");  
Thread.sleep(1000);  
js.executeScript("window.scrollTo(0,2000)");  
Thread.sleep(1000);  
js.executeScript("window.scrollTo(0,-2000)");  
wd.close();
```

```
wd.switchTo().window(parentWindow1);  
Thread.sleep(2000);
```

#### TC052: To check the functionality of explore button

```
wd.findElement(By.xpath("//h4[contains(text(),'Explore More')]")).click();  
Thread.sleep(2000);  
System.out.println("Explore button is clicked");  
js.executeScript("window.scrollTo(0,1500)");  
Thread.sleep(2000);
```

#### TC053: To check the functionality of Delhi to Jaipur cab link text

*//Delhi To Jaipur Cab*

```
wd.findElement(By.linkText("Delhi To Jaipur Cab")).click();  
System.out.println("Delhi To Jaipur Cab");  
Thread.sleep(2000);  
wd.navigate().back();  
Thread.sleep(2000);
```

**TC054: To check the functionality of Delhi to Dehradun cab**

*//Delhi To Dehradun Cab*

```
wd.findElement(By.linkText("Delhi To Dehradun Cab")).click();
System.out.println("Delhi To Dehradun Cab");
Thread.sleep(2000);
wd.navigate().back();
Thread.sleep(2000);
```

**TC055: To check the functionality of cab to Delhi**

*//Cab From Delhi*

```
wd.findElement(By.linkText("Cab From Delhi")).click();
System.out.println("Cab From Delhi");
Thread.sleep(2000);
wd.navigate().back();
Thread.sleep(2000);
```

**TC056: To check the functionality of cab to Bangalore**

*//Cab To Bangalore*

```
wd.findElement(By.linkText("Cab To Bangalore")).click();
System.out.println("Cab To Bangalore");
Thread.sleep(2000);
wd.navigate().back();
Thread.sleep(2000);
```

**TC057: To check the functionality of cab to Patna**

*//Cab To Patna*

```
wd.findElement(By.linkText("Cab To Patna")).click();
System.out.println("Cab To Patna");
Thread.sleep(2000);
wd.navigate().back();
Thread.sleep(2000);
```

## Bus TAB -

### TC058: To check the functionality of Bus tab

```
w.findElement(By.linkText("Bus")).click();
```

### TC059: To check the functionality of search button

```
w.findElement(By.id("autosuggestBusSRPSrcHome")).sendKeys("Chennai Intl Airport");  
Thread.sleep(2000);
```

```
w.findElement(By.xpath("//body/div[@id='root']/section[1]/section[1]/section[1]/section[1]  
/div[1]/section[1]/ul[1]/div[1]/div[1]/li[1]")).click();  
Thread.sleep(2000);
```

```
w.findElement(By.id("autosuggestBusSRPDestHome")).sendKeys("Ahmedabad");  
Thread.sleep(2000);
```

```
w.findElement(By.xpath("//body[1]/div[1]/section[1]/section[1]/section[1]/section[1]/div[2]/  
section[1]/ul[1]/div[1]/div[1]/li[1]/span[1]")).click();  
Thread.sleep(2000);
```

```
w.findElement(By.xpath("//span[contains(text(),'Tomorrow')]")).click();  
Thread.sleep(1000);
```

```
w.findElement(By.xpath("//button[contains(text(),'Search Bus')]")).click();  
Thread.sleep(2000);
```

### TC060: To check the functionality of know More tab

```
w.findElement(By.xpath("//body/div[@id='root']/section[1]/section[1]/section[1]/div[1]/div[1]  
/div[2]/div[5]/section[1]/section[1]/div[1]/div[1]/img[1]")).click();  
Thread.sleep(2000);
```

### TC061: To check the functionality of Navigation for parent page

```
Set <String> window = w.getWindowHandles();  
Iterator <String> it = window.iterator();  
String parentWindow = it.next();  
String childWindow1 = it.next();
```

```
//Travel soon
```

```
w.switchTo().window(childWindow1);  
Thread.sleep(2000);
```



**TC062: To check the functionality of See Guidelines (international travel)**

```
w.findElement(By.xpath("//body/div[3]/div[1]/div[1]/div[1]/div[3]/div[1]/a[1]")).click();  
    Thread.sleep(2000);  
    w.navigate().back();
```

**TC063: To check the functionality of See Guidelines (Domestic travel)**

```
w.findElement(By.xpath("//body/div[3]/div[1]/div[1]/div[1]/div[4]/div[1]/a[1]")).click();  
    Thread.sleep(2000);  
    w.navigate().back();
```

**TC064: To check the functionality of See Guidelines (Recommended covid Test)**

```
w.findElement(By.xpath("//body/div[3]/div[1]/div[1]/div[1]/div[5]/div[1]/a[1]")).click();  
    Thread.sleep(2000);  
    w.navigate().back();  
  
    w.close();
```

**TC065: To check the functionality of Navigate super child to parent tab**

```
w.switchTo().window(parentWindow);  
    w.findElement(By.linkText("Bus")).click();  
    Thread.sleep(2000);
```

**TC066: To check the functionality of scrolling bar**

```
w.manage().window().maximize();  
    JavascriptExecutor js = (JavascriptExecutor)w;  
    js.executeScript("window.scrollTo(0,750)");  
    Thread.sleep(2000);
```

**TC067: To check the Availability of Buses(Manali)**

```
w.findElement(By.linkText("Manali")).click();  
    Thread.sleep(2000);  
    js.executeScript("window.scrollTo(0,500)");  
    Thread.sleep(2000);
```

#### TC068: To check the functionality of Select Bus

```
w.findElement(By.xpath("//body/div[@id='root']/div[2]/section[1]/div[1]/section[2]/div[1]/div[1]/div[2]/div[3]/div[1]/div[1]/div[4]/div[1]/div[2]/div[1]/div[1]/button[1]/div[1]/span[1]")).click();  
    Thread.sleep(2000);
```

#### TC069: To check the Availability of Buses(Mumbai)

```
w.findElement(By.linkText("Bus")).click();  
    Thread.sleep(2000);  
  
js.executeScript("window.scrollTo(0,500)");  
    Thread.sleep(2000);  
  
w.findElement(By.linkText("Mumbai")).click();  
    Thread.sleep(2000);
```

#### TC080: To check the Availability of Buses (Digha)

```
w.findElement(By.xpath("//body/div[@id='root']/div[2]/section[1]/div[1]/section[2]/div[1]/div[1]/div[2]/div[3]/div[1]/div[1]/div[4]/div[1]/div[2]/div[1]/div[1]/button[1]/div[1]/span[1]")).click();  
    w.findElement(By.linkText("Bus")).click();  
    Thread.sleep(2000);  
  
js.executeScript("window.scrollTo(0,500)");  
    Thread.sleep(2000);  
  
w.findElement(By.linkText("Digha")).click();  
    Thread.sleep(2000);
```

#### TC081: To check the functionality of Popular Bus Operators

```
w.findElement(By.xpath("//body/div[@id='root']/div[2]/section[1]/div[1]/section[2]/div[1]/div[1]/div[2]/div[3]/div[1]/div[1]/div[4]/div[1]/div[2]/div[1]/div[1]/button[1]")).click();  
    w.findElement(By.linkText("Bus")).click();  
    Thread.sleep(2000);
```

```
js.executeScript("window.scrollTo(0,500)");  
    Thread.sleep(2000);  
w.findElement(By.linkText("APSRTC")).click();  
Thread.sleep(2000);
```

<b>TC082: To check the functionality of update search</b>
---

```
w.findElement(By.xpath("//body[1]/div[1]/div[3]/section[2]/div[2]/div[4]/button[1]")).click();  
    Thread.sleep(2000);  
w.findElement(By.xpath("//span[contains(text(),'10')]")).click();  
    Thread.sleep(2000);  
w.findElement(By.xpath("//div[contains(text(),'GOT IT')]")).click();  
    Thread.sleep(2000);  
w.findElement(By.xpath("//span[contains(text(),'HIDE BUSES')]")).click();
```

<b>TC083: To check the functionality of closing the browser</b>
---

```
w.close();
```