

22.AUTOMATION TESTING USING SELENIUM TOOL FOR TICKET RESERVATION SYSTEM

AIM :

To execute Automation testing using Selenium tool for ticket reservation system

PROGRAM

```
package sse;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
//import org.testng.Assert;
//import org.testng.annotations.Test;
public class train {
    public static void main(String[] args) {
        System.out.println("hai");
        System.setProperty("webdriver.chrome.driver", "C:\\\\CSA37 Lab
details\\Selenium and junit\\selenium
jar\\chromedriver_win32\\chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        //driver.get("https://www.google.com/");
        driver.manage().window().maximize();

        driver.get("https://irctc.co.in");
        WebElement username=driver.findElement(By.id("txtusername"));
        System.out.println(username);
        WebElement password=driver.findElement(By.id("txtpassword"));
        System.out.println(password);
        WebElement login=driver.findElement(By.name("btnlogin"));
        System.out.println(login);
        username.sendKeys("moorthigna");
        password.sendKeys("Gowtham@200315");
        login.click();
    }
}
```

OUTPUT

The screenshot displays the IRCTC Next Generation eTicketing website. The browser address bar shows the URL irctc.co.in/nget/train-search. The website header includes the IRCTC logo, a navigation menu with options like REFUND STATUS, Logout, Welcome Gowtham K (moorthigna), CONTACT US, ASK DISHA, ALERTS, and a date/time display of 25-May-2023 [18:28:12]. Below the header, there's a secondary menu with IRCTC EXCLUSIVE, TRAINS, BUSES, FLIGHTS, HOTELS, HOLIDAYS, LOYALTY, MEALS, PROMOTIONS, MY ACCOUNT, and MORE. The main content area is divided into two sections. On the left, the 'BOOK TICKET' section features a form with fields for 'From', 'To', 'Date' (DD/MM/YYYY), and 'Classes'. It also includes checkboxes for 'Person With Disability Concession', 'Flexible With Date', 'Train with Available Berth', and 'Railway Pass Concession'. A 'Search' button and a 'Try booking in Ask DISHA 2.0' button are present. On the right, the 'INDIAN RAILWAYS' section displays a train image and the text 'Safety | Security | Punctuality'. Below this, there's a promotional banner for 'Ask DISHA 2.0' offering a discount of up to INR 5000 on book tickets. The footer contains contact information and a disclaimer about the website's security and the accuracy of the information provided.

IRCTC Next Generation eTicketing

irctc.co.in/nget/train-search

Chrome is being controlled by automated test software.

REFUND STATUS Logout Welcome Gowtham K (moorthigna) CONTACT US ASK DISHA ALERTS 25-May-2023 [18:28:12] A A A हिंदी

IRCTC EXCLUSIVE TRAINS BUSES FLIGHTS HOTELS HOLIDAYS LOYALTY MEALS PROMOTIONS MY ACCOUNT MORE

PNR STATUS CHARTS / VACANCY

Refund Status Re-Book Favourite Journey

75 Azadi Ka Amrit Mahotsav

BOOK TICKET

G20

DD/MM/YYYY *

From 25/05/2023

To

All Classes

GENERAL

☐ Person With Disability Concession ☐ Flexible With Date

☐ Train with Available Berth ☐ Railway Pass Concession

Search Try booking in Ask DISHA 2.0

Customers are requested to contact only on IRCTC's authorised contact no./Email id (Contact No.:14646 OR 0755-6610661 / 0755-4090600, Email: care@irctc.co.in), for assistance regarding ticket booking, refund or forgot user-id/password. Beware of fraudulent sites offering assistance.

Please check the alert section regarding restoration of AC 3-tier economy fare.

INDIAN RAILWAYS

Safety | Security | Punctuality

Ask DISHA 2.0

Book and get INR 5000 worth of value vouchers from 50+ Brands

Book Ticket Support

...in a fast, easy and secure way (Without your IRCTC password)

RESULT

Hence Automation testing for Ticket reservation system is Executed successfully.