

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("Bharath");
        password.sendKeys("#baba1610");
        login.click();
    }
}
```

OUTPUT

The screenshot displays the IRCTC Next Generation eTicketing website. The browser address bar shows 'irctc.co.in/nget/train-search'. The page header includes the IRCTC logo, a 'REFUND STATUS' button, a 'Logout' button, and a welcome message for 'Gowtham K (moorthigna)'. Navigation links for 'CONTACT US', 'ASK DISHA', 'ALERTS', and the current date '25-May-2023 [18:28:12]' are visible. A secondary navigation bar lists 'IRCTC EXCLUSIVE', 'TRAINS', 'BUSES', 'FLIGHTS', 'HOTELS', 'HOLIDAYS', 'LOYALTY', 'MEALS', 'PROMOTIONS', 'MY ACCOUNT', and 'MORE'. The main content area features a 'BOOK TICKET' section with a '75 Azadi Ka Amrit Mahotsav' banner. The booking form includes fields for 'From', 'To', 'Date' (25/05/2023), and 'All Classes'. There are 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. A sidebar on the right shows a 'Safety | Security | Punctuality' banner for 'INDIAN RAILWAYS' and a 'Book and get INR 5000 worth of value vouchers from 50+ Brands' offer. A footer note states: '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.'

RESULT

Hence Automation testing for Ticket reservation system is Executed successfully.