

```
package Day1;
```

```
import java.time.Duration;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

```
import org.openqa.selenium.chrome.ChromeOptions;
```

```
import org.openqa.selenium.support.ui.ExpectedConditions;
```

```
import org.openqa.selenium.support.ui.WebDriverWait;
```

```
public class Testing4 {
```

```
    public static void main(String[] args) {
```

```
        // Set up WebDriver and ChromeDriver path
```

```
        System.setProperty("webdriver.chrome.driver", "C:\\Users\\User\\libery\\chromedriver.exe");
```

```
        ChromeOptions options = new ChromeOptions();
```

```
        options.addArguments("--remote-allow-origins=*");
```

```
        WebDriver driver = new ChromeDriver(options);
```

```
        WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(20));
```

```
        try {
```

```
            // Step 1: Log in as Admin
```

```
            driver.get("http://schoolapps.free.nf/login.php");
```

```
            wait.until(ExpectedConditions.presenceOfElementLocated(By.name("uname")));
```

```
            driver.findElement(By.name("uname")).sendKeys("elias");
```

```
            driver.findElement(By.name("pass")).sendKeys("123");
```

```
            driver.findElement(By.name("role")).sendKeys("Admin");
```

```
driver.findElement(By.cssSelector(".btn.btn-primary")).click();
```

```
// Wait for Dashboard to Load
```

```
wait.until(ExpectedConditions.urlToBe("http://schoolapps.free.nf/admin/index.php"));
```

```
System.out.println("Login successful!");
```

```
// Step 2: Navigate to Edit Student Page
```

```
String StudentId = "10"; // Change to the required student_id
```

```
String editUrl = "http://schoolapps.free.nf/admin/student-edit.php?student_id=" + StudentId;
```

```
driver.get(editUrl);
```

```
// Wait for the Edit Page to Load
```

```
wait.until(ExpectedConditions.presenceOfElementLocated(By.name("fname")));
```

```
// Step 3: Edit Student Details
```

```
driver.findElement(By.name("fname")).clear();
```

```
driver.findElement(By.name("fname")).sendKeys("Abdullah Al");
```

```
driver.findElement(By.name("lname")).clear();
```

```
driver.findElement(By.name("lname")).sendKeys("Hossain");
```

```
driver.findElement(By.name("username")).clear();
```

```
driver.findElement(By.name("username")).sendKeys("abdullah01");
```

```
driver.findElement(By.name("address")).clear();
```

```
driver.findElement(By.name("address")).sendKeys("nikunjo");
```

```
driver.findElement(By.name("date_of_birth")).clear();
```

```
driver.findElement(By.name("date_of_birth")).sendKeys("1999-01-01");
```

```
driver.findElement(By.name("phone_number")).clear();
```

```
driver.findElement(By.name("phone_number")).sendKeys("01515298367");
```

```
driver.findElement(By.name("email_address")).clear();
```

```
driver.findElement(By.name("email_address")).sendKeys("abdullah01@example.com");
```

```

driver.findElement(By.xpath("//input[@value='Female']")).click(); // Select Female


// Step 4: Submit the Form

WebElement submitButton = driver.findElement(By.cssSelector(".btn.btn-primary"));


// Ensure button is clickable

wait.until(ExpectedConditions.elementToBeClickable(submitButton));

submitButton.click();


// Step 5: Validate the Success Message

wait.until(ExpectedConditions.presenceOfElementLocated(By.className("alert-success")));

String successMessage = driver.findElement(By.className("alert-success")).getText();

if (successMessage.contains("Student updated successfully")) {

    System.out.println("Test Passed: " + successMessage);

} else {

    System.out.println("Test Failed: Unexpected message - " + successMessage);

}


} catch (Exception e) {

    System.out.println("Test Failed: Exception occurred - " + e.getMessage());

} finally {

    // Close the browser

    //driver.quit();

}

}

}

```