

Basic functionality of the User Dashboard (e.g., data display and navigation)

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

public class UserDashboardTest {
    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver", "path/to/chromedriver");
        WebDriver driver = new ChromeDriver();
        WebDriverWait wait = new WebDriverWait(driver, 10);

        // Log in to access the dashboard
        driver.get("https://example.com/login");

        WebElement username = driver.findElement(By.id("username"));
        WebElement password = driver.findElement(By.id("password"));
        WebElement loginButton = driver.findElement(By.id("loginButton"));

        username.sendKeys("validUser");
        password.sendKeys("validPassword123");
        loginButton.click();

        wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("dashboard")));

        // Validate data display
        WebElement dataElement = driver.findElement(By.id("dataElement"));
        assert dataElement.isDisplayed();

        // Validate navigation
        WebElement navigationButton = driver.findElement(By.id("navigationButton"));
        navigationButton.click();

        wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("targetPage")));
        assert driver.getCurrentUrl().contains("/targetPage");

        driver.quit();
    }
}
```

