

## Loan Reference Immutability Test Script

```
public class LoanReferenceImmutabilityTest {  
  
    WebDriver driver;  
  
    @Before  
    public void setUp() {  
        System.setProperty("webdriver.chrome.driver", "path/to/chromedriver");  
        driver = new ChromeDriver();  
        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));  
        driver.manage().window().maximize();  
    }  
  
    @Test  
    public void verifyReferenceNumberDoesNotChangeAfterUpdate() {  
  
        // Step 1: Open Loan Details Page  
        driver.get("https://loan-app.test/loan/1");  
  
        // Step 2: Capture Reference Number  
        WebElement referenceElement =  
            driver.findElement(By.id("loanReference"));  
        String referenceBefore = referenceElement.getText();  
  
        System.out.println("Reference Before Update: " + referenceBefore);  
  
        // Step 3: Update Non-Financial Field  
        WebElement addressField =  
            driver.findElement(By.id("customerAddress"));  
        addressField.clear();  
        addressField.sendKeys("New Address Line");  
  
        driver.findElement(By.id("saveLoan")).click();  
  
        // Step 4: Refresh Page  
        driver.navigate().refresh();  
  
        // Step 5: Capture Reference Again  
        WebElement referenceAfterElement =  
            driver.findElement(By.id("loanReference"));  
        String referenceAfter = referenceAfterElement.getText();  
  
        System.out.println("Reference After Update: " + referenceAfter);  
    }  
}
```

```
// Step 6: Assertion
Assert.assertEquals(
    "Reference number should remain unchanged after update",
    referenceBefore,
    referenceAfter
);
}

{@After
public void tearDown() {
    driver.quit();
}
}
```