

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();
}
}
```