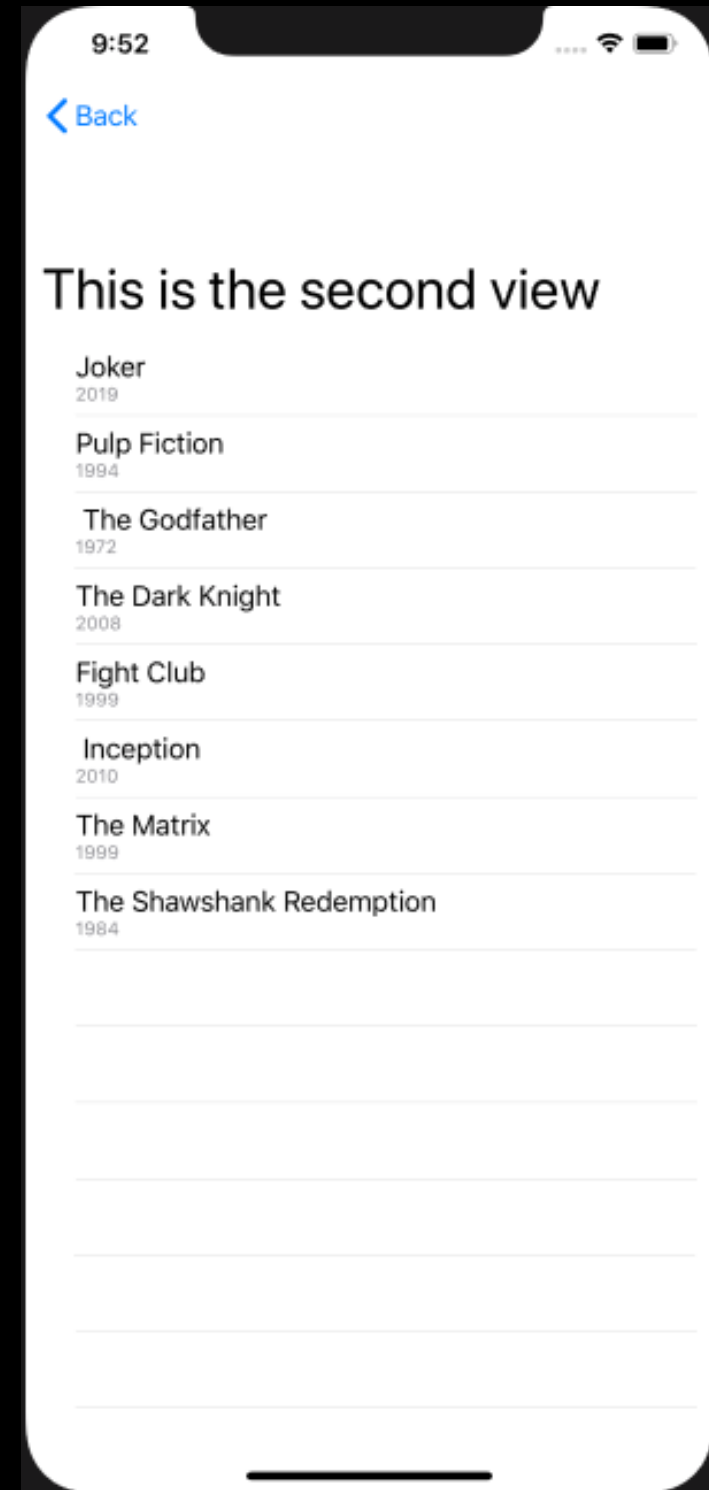
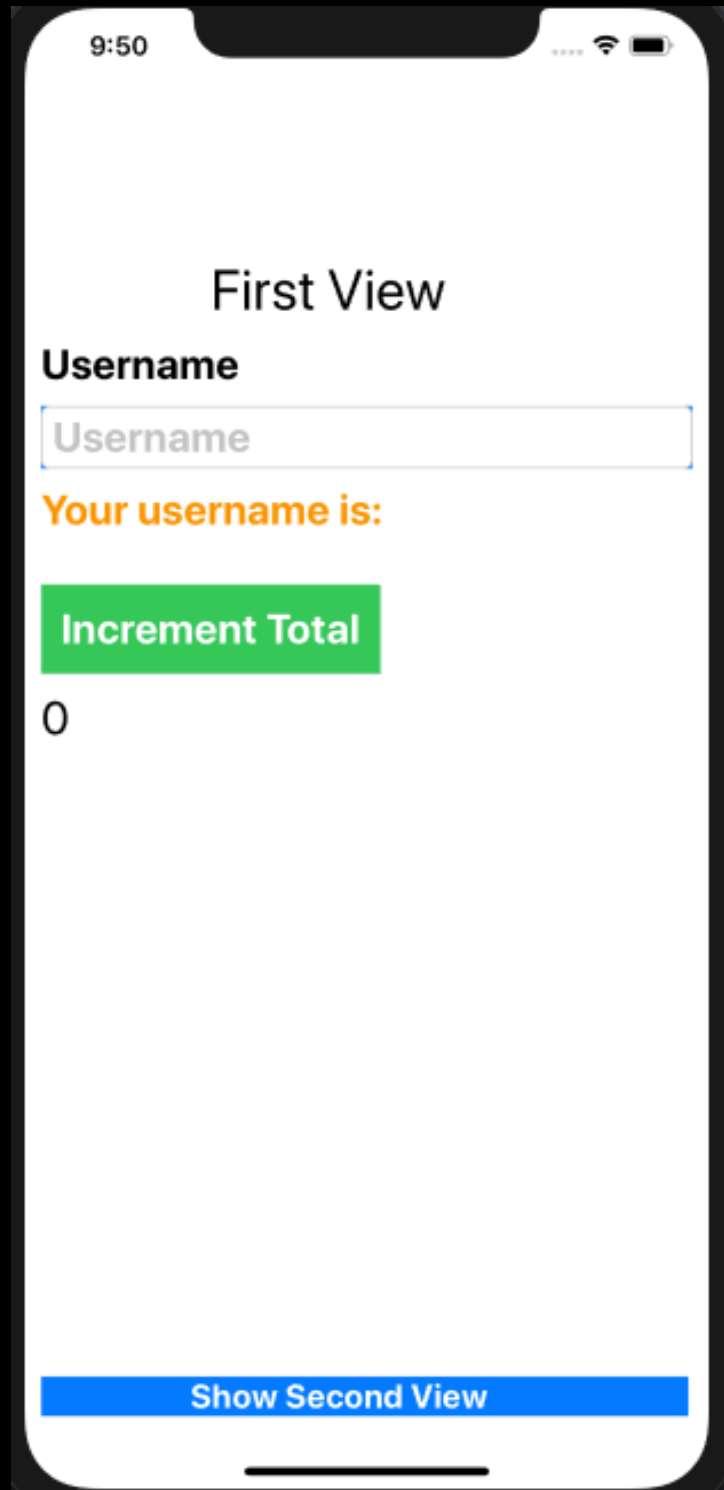
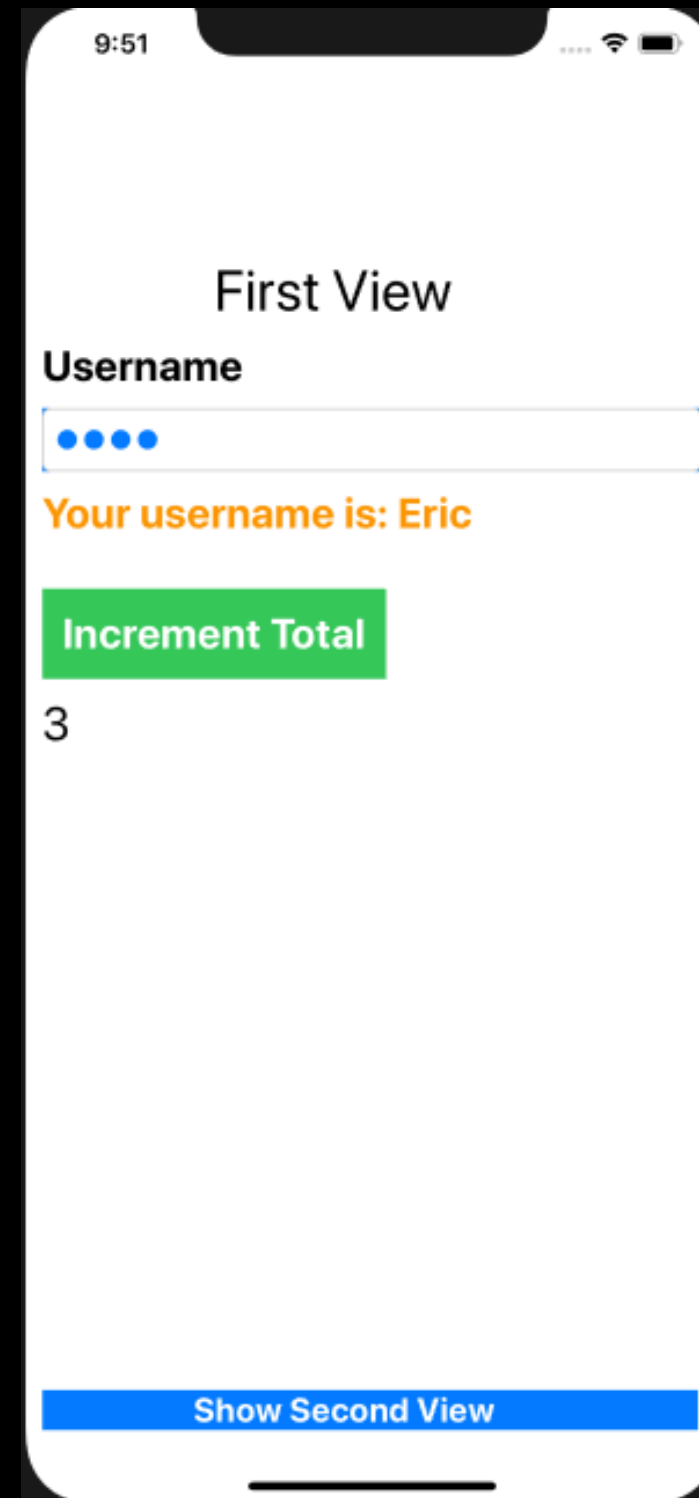


Application's First and Secondary view



```
11
12 class MartinezXCUIASmokeTest: MartinezBaseXCUIHelper {
13
14     func testIncrementTotal() {
15
16         given("I launch the App I validate all first view UI element appear") {
17             incrementScreenElementValidation()
18         }
19
20         when("I enter the default username for testing") {
21             typeDefaultUsername()
22         }
23
24         then("I increment the number to three") {
25             incrementNumberTest()
26         }
27
28         and("I validate that the number has been increased") {
29             defaultDataPersist()
30         }
31     }
32
33     func testNavigateToSeconview() {
34
35         given("I'm on the First View") {
36             firstViewValidation()
37         }
38
39         when("I navigate to the second view") {
40             navigateToSecondView()
41         }
42
43         then("I validate that the list of movies appear") {
44             validateMoviesInTableView()
45         }
46
47         then("I navigate back to the first view") {
48             navigateBackToFirstView()
49         }
50     }
51 }
52
```

First scenario

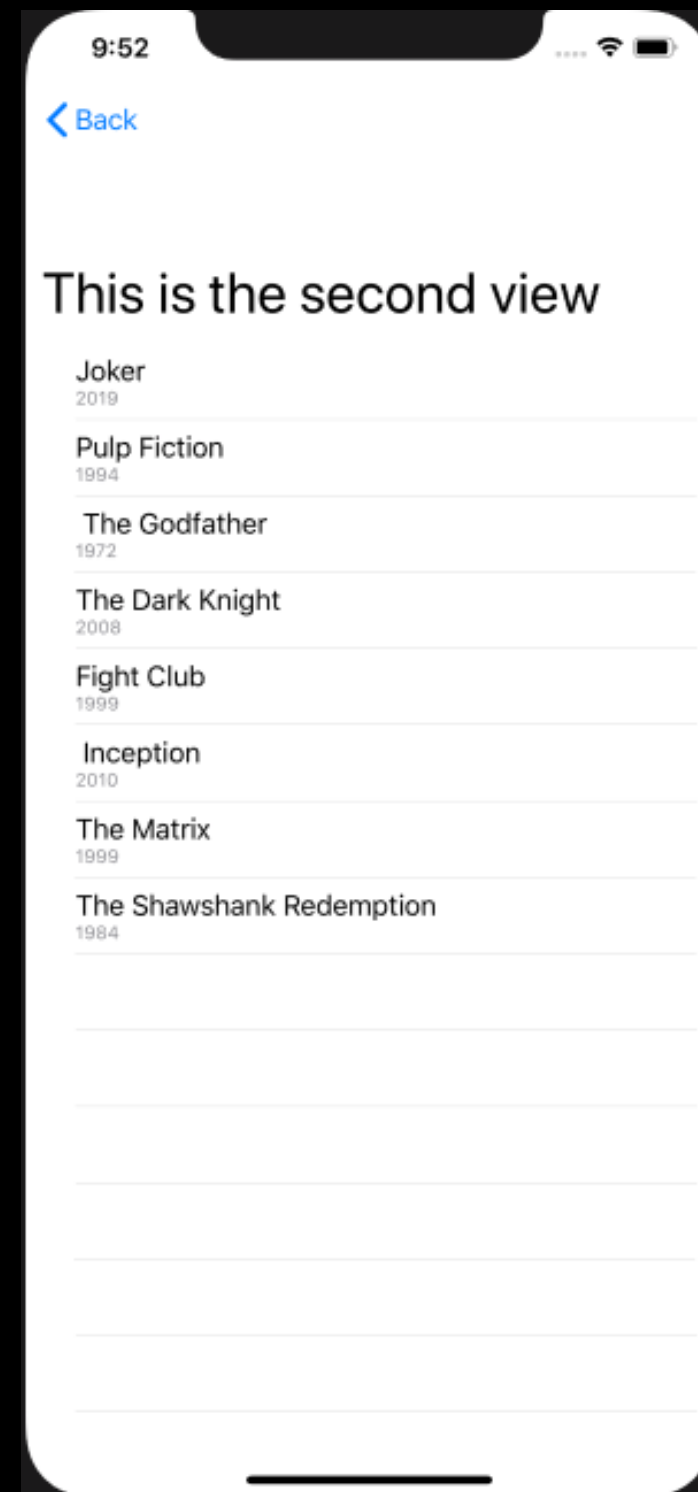


```
5 // Created by Eric Martinez on 1/17/20.
6 // Copyright © 2020 emobile. All rights reserved.
7 //
8
9 import Foundation
10 import XCTest
11
12 extension XCTestCase {
13     func typeDefaultUseranme() {
14         application.tapfirstViewTextField(.userName)
15         application.typeText(FirstViewPageHelper.defaultNameEntry.rawValue)
16         application.buttons["Return"].tap() // Soft keyboard event needs its own helper
17         assertTrueStaticTexts(text: FirstViewPageHelper.defaultNameEntryResult.rawValue)
18     }
19
20     func incrementScreenElementValidation() {
21         assertTrueStaticTexts(text: FirstViewPageHelper.defaultNumber.rawValue)
22         assertTrueButtons(name: FirstViewPageHelper.incrementTotal.rawValue)
23     }
24
25     func incrementNumberTest() {
26         application.tapfirstViewButton(.incrementTotal)
27         application.tapfirstViewButton(.incrementTotal)
28         application.tapfirstViewButton(.incrementTotal)
29         waiting(for: application.staticTexts["3"])
30     }
31
32     func defaultDataPersist() {
33         application.tapfirstViewButton(.showSecondView)
34         self.waitForElementToAppear(NavigationBarHelper.navBarBackButton.navBarButton(in: application.self!))
35         application.tapNavBarButton(.navBarBackButton)
36         assertTrueStaticTexts(text: FirstViewPageHelper.defaultNameEntryResult.rawValue)
37         waiting(for: application.staticTexts["3"])
38     }
39 }
```

```

10
11 enum FirstViewPageHelper: String {
12     case viewTitle = "                First View"
13     case showSecondView = "                Show Second View"
14     case incrementTotal = "Increment Total"
15     case defaultNumber = "0"
16     case userName = "Username"
17     case defaultNameEntry = "Eric"
18     case defaultNameEntryResult = "Your username is: Eric"
19
20     func firstViewStaticTexts(in application: XCUIApplication) -> XCUIElement? {
21         return application.staticTexts[self.rawValue]
22     }
23
24     func firstViewButton(in application: XCUIApplication) -> XCUIElement? {
25         return application.buttons[self.rawValue]
26     }
27
28     func firstViewTextField(in application: XCUIApplication) -> XCUIElement? {
29         return application.secureTextFields[self.rawValue]
30     }
31 }
32
33 extension XCUIApplication {
34     func tapfirstViewStaticTexts(_ firstViewStaticTexts: FirstViewPageHelper) {
35         guard let element = firstViewStaticTexts.firstViewStaticTexts(in: self) else {
36             XCTFail("failed to tap static text in Sign In screen")
37             return
38         }
39         element.tap()
40     }
41
42     func tapfirstViewButton(_ firstViewButton: FirstViewPageHelper) {
43         guard let element = firstViewButton.firstViewButton(in: self) else {
44             XCTFail("failed to tap button in Sign In screen")
45             return
46         }
47         element.tap()
48     }
49
50     func tapfirstViewTextField(_ firstViewTextField: FirstViewPageHelper) {
51         guard let element = firstViewTextField.firstViewTextField(in: self) else {
52             XCTFail("failed to tap text field in Sign In screen")
53             return
54         }
55         element.tap()
56     }
57 }
58

```



```
1 //
2 //  NavigationBarHelper.swift
3 //  SampleUITest
4 //
5 //  Created by Eric Martinez on 1/18/20.
6 //  Copyright © 2020 emobile. All rights reserved.
7 //
8
9 import Foundation
10 import XCTest
11
12 enum NavigationBarHelper: String {
13
14     case navBarBackButton = "Back"
15
16     func navBarButton(in application: XCUIApplication) -> XCUIElement? {
17         return application.buttons[self.rawValue]
18     }
19 }
20
21 extension XCUIApplication {
22
23     func tapNavBarButton(_ navBarButton: NavigationBarHelper) {
24         guard let element = navBarButton.navBarButton(in: self) else {
25             XCTFail("failed to tap Navigation bar button")
26             return
27         }
28         element.tap()
29     }
30 }
31
```

```

11
12 enum SecondViewPageHelper: String {
13     case secondViewTitle = "This is the second view"
14     case propertyJoker = "Joker"
15     case propertyJokerRelease = "2019"
16
17     func secondViewStaticText(in application: XCUIApplication) -> XCUIElement? {
18         return application.staticTexts[self.rawValue]
19     }
20
21     func secondViewTableStaticText(in application: XCUIApplication) -> XCUIElement? {
22         return application.tables.staticTexts[self.rawValue]
23     }
24 }
25
26 extension XCUIApplication {
27
28     func tapSecondViewStaticText(_ secondViewStaticText: SecondViewPageHelper) {
29         guard let element = secondViewStaticText.secondViewStaticText(in: self) else {
30             XCTFail("failed to tap Static text")
31             return
32         }
33         element.tap()
34     }
35
36     func findSecondViewTableStaticText(_ secondViewTableStaticText: SecondViewPageHelper) {
37         guard let element = secondViewTableStaticText.secondViewTableStaticText(in: self) else {
38             XCTFail("failed to find Table Static text")
39             return
40         }
41         element.tap()
42     }
43 }
44
45 func assertTrueTablesStaticText(_ movieInTable: String) {
46     XCTAssertTrue(application.tables.staticTexts[movieInTable].exists)
47 }
48
49 func movieListInTable() {
50     let moviesList = ["Joker", "Pulp Fiction", " The Godfather ", "The Dark Knight ",
51                     "Fight Club", " Inception", "The Matrix ", "The Shawshank Redemption "]
52     print(moviesList)
53     for movie in moviesList {
54         assertTrueTablesStaticText(movie)
55     }
56 }
57

```



```
4 //
5 // Created by Eric Martinez on 1/18/20.
6 // Copyright © 2020 emobile. All rights reserved.
7 //
8
9 import Foundation
10 import XCTest
11
12 extension XCTestCase {
13
14     func firstViewValidation() {
15         self.waitForElementToAppear(FirstViewPageHelper.showSecondView.firstViewButton(in: application.self!))
16     }
17
18     func navigateToSecondView() {
19         application.tapfirstViewButton(.showSecondView)
20         self.waitForElementToAppear(NavigationBarHelper.navBarBackButton.navBarButton(in: application.self!))
21         assertTrueStaticTexts(text: SecondViewPageHelper.secondViewTitle.rawValue)
22     }
23
24     func validateMoviesInTableView() {
25         movieListInTable()
26         application.findSecondViewTableStaticText(.propertyJoker)
27         application.findSecondViewTableStaticText(.propertyJokerRelease)
28     }
29
30     func navigateBackToFirstView() {
31         application.tapNavBarButton(.navBarBackButton)
32         self.waitForElementToAppear(FirstViewPageHelper.showSecondView.firstViewButton(in: application.self!))
33     }
34 }
35
```

CTestHTMLReport

[Tests](#)[Logs](#)All (2) **Passed (2)** Failed (0)**iPhone 11 Pro Max**

3.3

Model: iPhone11,2



Identifier: 8F8AE9A6-BF57-4...

Status | Tests


Selected tests - 2 tests (35s)

SampleUITest.xctest - 2 tests (35s)



MartinezXCUIAsmokeTest - 2 tests (35s)

   testIncrementTotal() (18s)▶ Start Test at 2020-01-20 22:13:13.750 (0s) ▶ Set Up (5s) ▶ Given: I launch the App I validate all first view UI element appear (0s) ▶ When: I enter the default username for testing (4s) ▶ Then: I increment the number to three (3s) ▶ And: I validate that the number has been increased (5s) 

Tear Down (0s)

   testNavigateToSeconview() (16s)▶ Start Test at 2020-01-20 22:13:32.381 (0s) ▶ Set Up (5s) 

▶ Given: I'm on the First View (1s)

▶ When: I navigate to the second view (2s) ▶ Then: I validate that the list of movies appear (4s) ▶ Then: I navigate back to the first view (2s) 

Tear Down (0s)

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an issue

All (2) **Passed (2)** Failed (0)

Status | Tests

Selected tests - 2 tests (35s)

SampleUITest.xctest - 2 tests (35s)

MartinezXCUIASmokeTest - 2 tests (35s)



testIncrementTotal() (18s)

▶ Start Test at 2020-01-20 22:13:13.750 (0s)

▶ Set Up (5s)

▶ Given: I launch the App I validate all first view UI element appear (0s)

▶ When: I enter the default username for testing (4s)

▶ Then: I increment the number to three (3s)

▼ And: I validate that the number has been increased (5s)

▼ Tap " Show Second View " Button (0s)

▼ Wait for emobile.UI-automation-Sample to idle (0s)

Screenshot

Find the " Show Second View " Button (0s)

Check for interrupting elements affecting " Show Second View " Button (0s)

▶ Synthesize event (0s)

▶ Wait for emobile.UI-automation-Sample to idle (0s)

▶ Capture Localization Screenshots (0s)

▶ Checking `Expect predicate `exists == 1` for object "Back" Button` (0s)

▶ Tap "Back" Button (1s)

10:13



First View

Username

Your username is: Eric

Increment Total

3