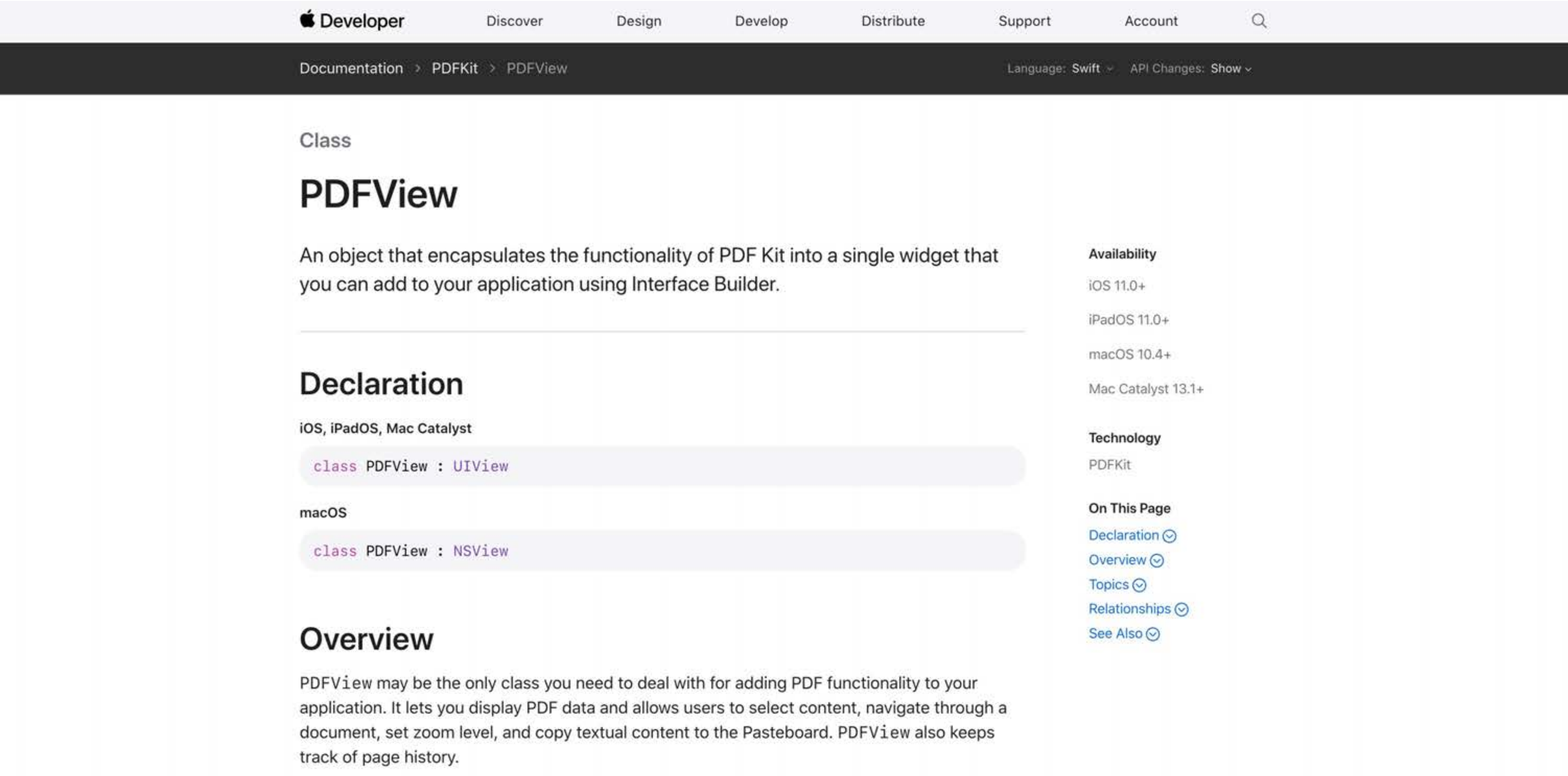
PDFView

Using PDF documents in Xcode

Apple Developer PDFView Guidelines



Class

PDFView

An object that encapsulates the functionality of PDF Kit into a single widget that you can add to your application using Interface Builder.

Availability

iOS 11.0+

iPadOS 11.0+

macOS 10.4+

Mac Catalyst 13.1+

Technology

PDFKit

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- See Also

Declaration

iOS, iPadOS, Mac Catalyst

```
class PDFView : UIView
```

macOS

```
class PDFView : NSView
```

Overview

`PDFView` may be the only class you need to deal with for adding PDF functionality to your application. It lets you display PDF data and allows users to select content, navigate through a document, set zoom level, and copy textual content to the Pasteboard. `PDFView` also keeps track of page history.

PDFView

A PDF document acts as a bridge between online and printed documents.

PDFKit came to iOS in version 11.0. It provides libraries to display, create and manipulate PDF documents.

While the most common use of PDFKit is adding the ability to view PDF documents to an app, you can also use it to create and change PDF files.

PDFView basic example

Create new Xcode project.
Import PDf document from
Drive>Client_Materials> PDF documents> Severe Hepertison....
Rename PDf document to exclude spaces, special characters, numbers and use CamelCase if needed.
SevereHypertension

In the ViewController.swift file implement the PDFKit to use its functionality.

```
import UIKit
import PDFKit
```

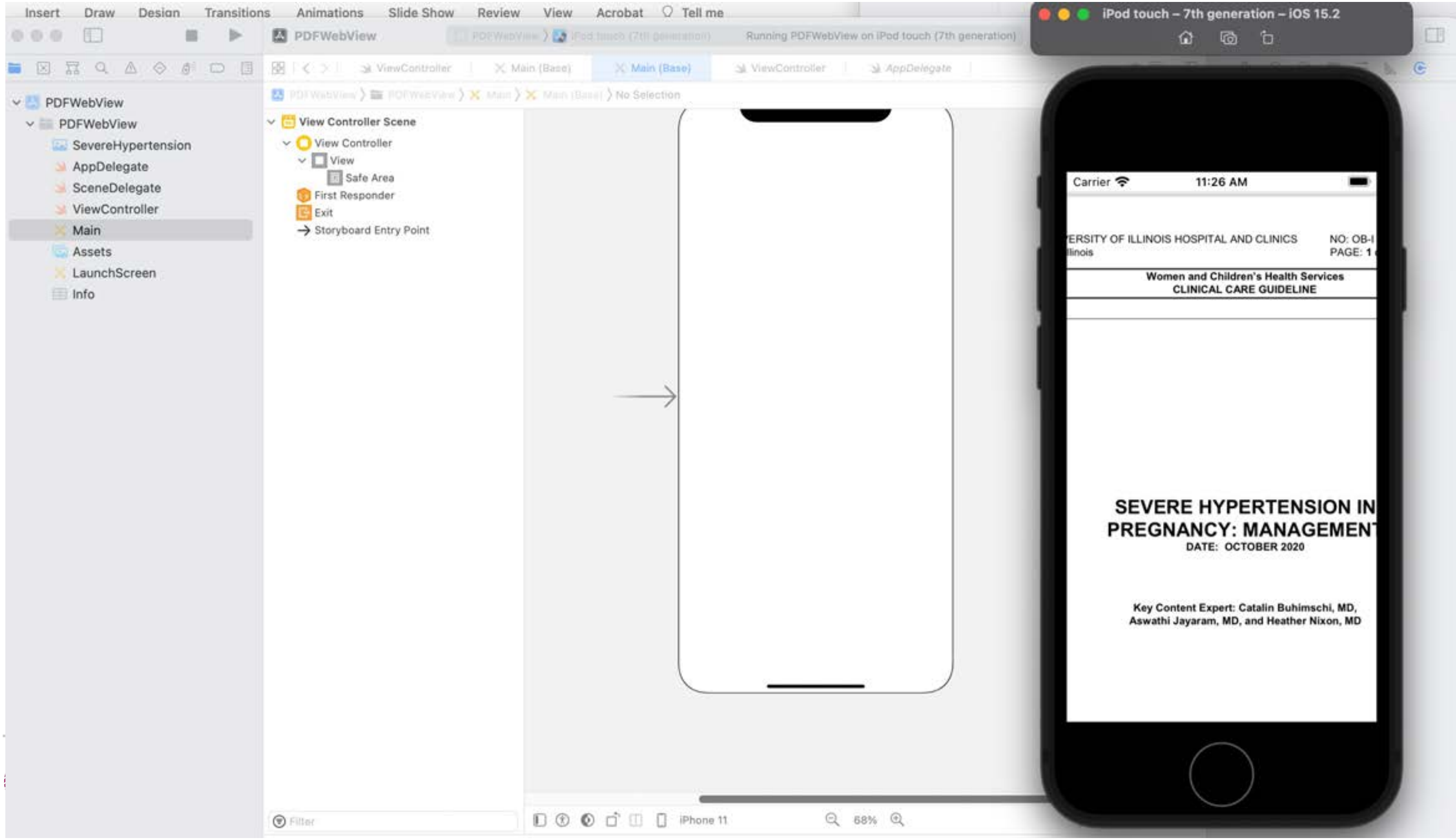
PDFView basic example

Use ViewController.swift file form the Drive to copy and past the following code:

```
class ViewController: UIViewController {

    override func viewDidLoad() {
        super.viewDidLoad()

        let pdfView = PDFView()

        pdfView.translatesAutoresizingMaskIntoConstraints = false
        view.addSubview(pdfView)

        pdfView.leadingAnchor.constraint(equalTo: view.safeAreaLayoutGuide.leadingAnchor).isActive = true
        pdfView.trailingAnchor.constraint(equalTo: view.safeAreaLayoutGuide.trailingAnchor).isActive = true
        pdfView.topAnchor.constraint(equalTo: view.safeAreaLayoutGuide.topAnchor).isActive = true
        pdfView.bottomAnchor.constraint(equalTo: view.safeAreaLayoutGuide.bottomAnchor).isActive = true

        guard let path = Bundle.main.url(forResource: "SevereHypertension", withExtension: "pdf") else { return }

        if let document = PDFDocument(url: path) {
            pdfView.document = document

    } }
    }
```

PDFView basic example

Test and run to see PDF document.



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Women and Children's Health Services
CLINICAL CARE GUIDELINE

SEVERE HYPERTENSION IN
PREGNANCY: MANAGEMENT
DATE: OCTOBER 2020

Key Content Expert: Catalin Buhimschi, MD,
Aswathi Jayaram, MD, and Heather Nixon, MD

PDFView with Web viewer example

Create new Xcode project.
Import PDf document from
Drive>Client_Materials> PDF documents> Severe Hepertison....
Rename PDf document to exclude spaces, special characters, numbers and use CamelCase if needed.
SevereHypertension

In the ViewController.swift file implement the WebKit to use its functionality.

```
import UIKit
import WebKit
```

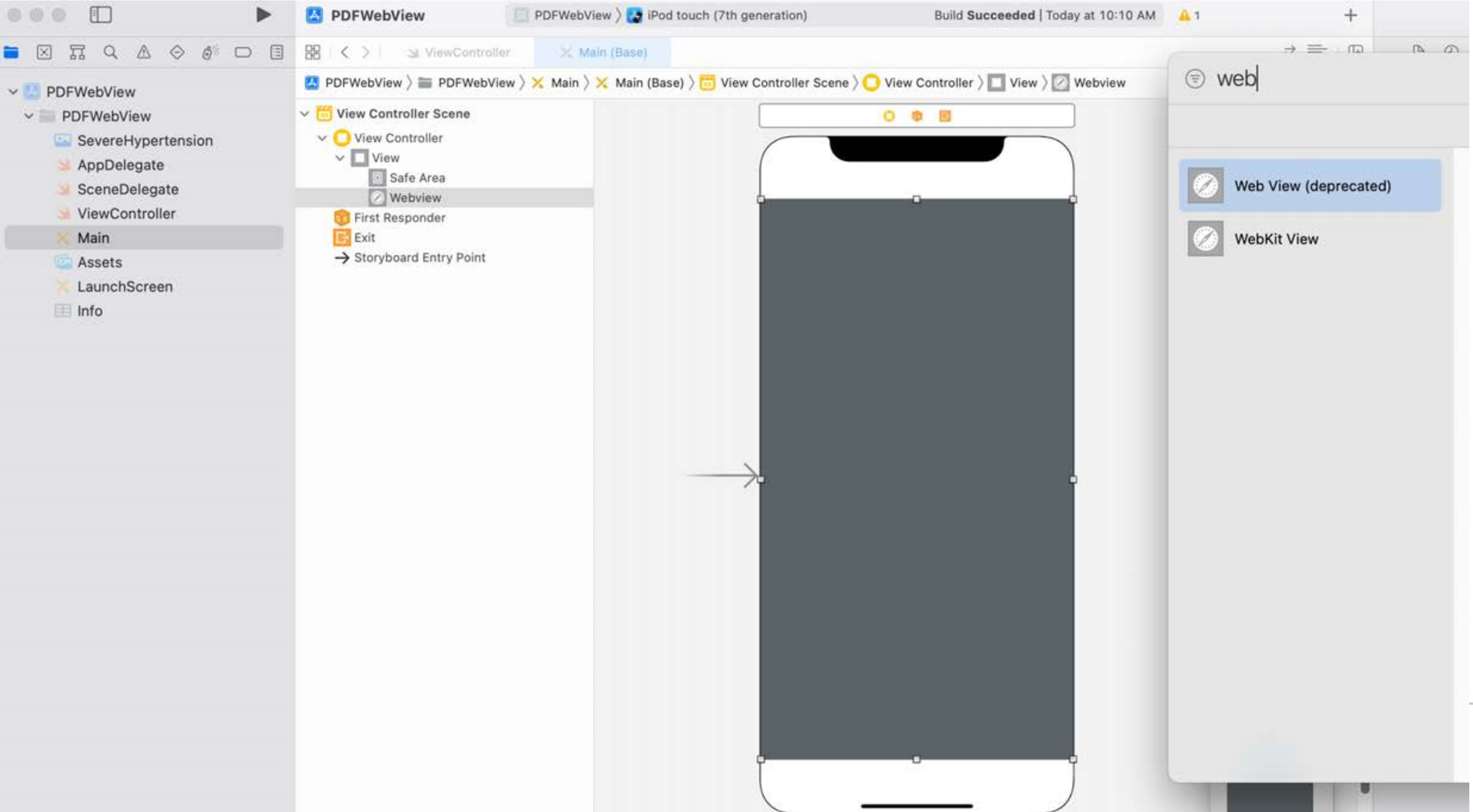
PDFView with Web viewer example

Use ViewController.swift file form the Drive to copy and past the following code:

```
class ViewController: UIViewController {

    @IBOutlet weak var webview: WKWebView!

    override func viewDidLoad() {
        super.viewDidLoad()
        // Do any additional setup after loading the view, typically from a nib.

        let path = Bundle.main.path(forResource: "SevereHypertension", ofType: "pdf")
        let url = URL(fileURLWithPath: path!)
        let request = URLRequest(url: url)

        webview.load(request)
    }

    override func didReceiveMemoryWarning() {
        super.didReceiveMemoryWarning()
        // Dispose of any resources that can be recreated.
    }
}
```

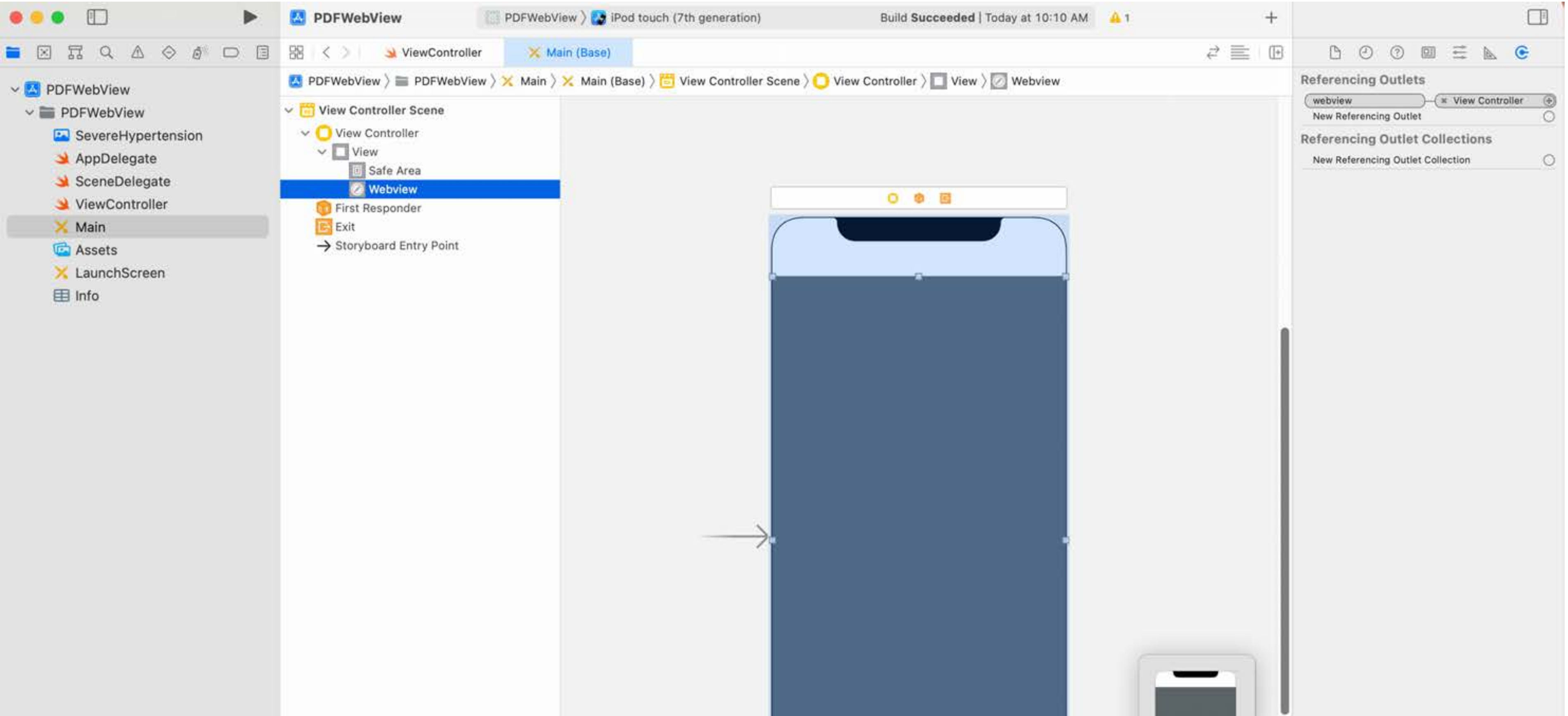
PDFView with Web viewer example

Add WebKit View to your Storyboard View and scale it to fill the space:

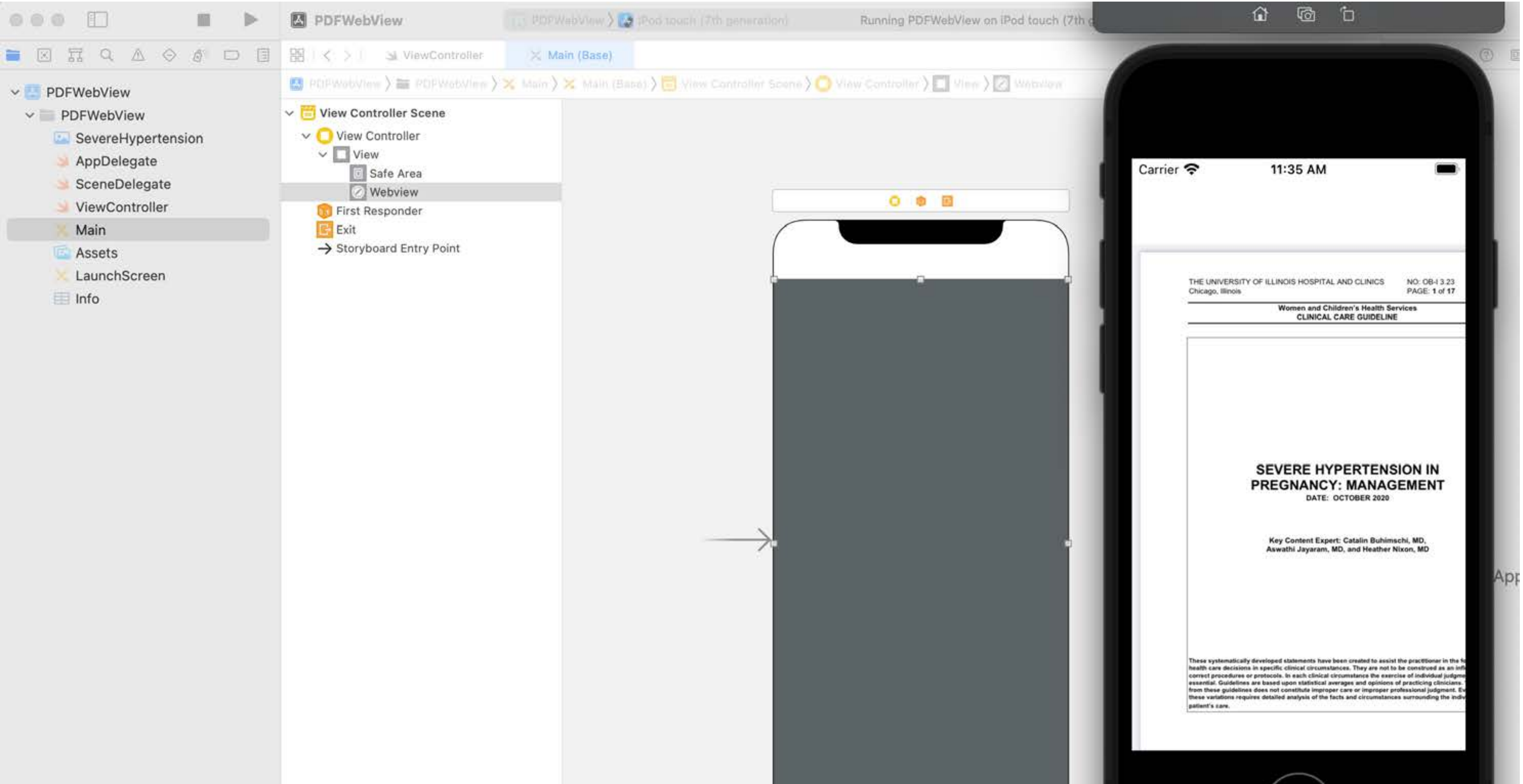


PDFView with Web viewer example

Select WebView in the Hierarchy and connect it with ViewController in the inspector using Control key



PDFView with Web viewer example



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These systematically developed statements have been created to assist the practitioner in the fo
health care decisions in specific clinical circumstances. They are not to be construed as an infl
correct procedures or protocols. In each clinical circumstance the exercise of individual judgme
essential. Guidelines are based upon statistical averages and opinions of practicing clinicians.
from these guidelines does not constitute improper care or improper professional judgment. Ev
these variations requires detailed analysis of the facts and circumstances surrounding the indiv
patient's care.

PDFView with Web viewer example

Many tutorials but always check the source code reviews.

Creating a PDF in Swift with PDFKit
https://www.raywenderlich.com/4023941-creating-a-pdf-in-swift-with-pdfkit