

My pdfReader has the following features

When I run the app the splash screen pops up for 3 seconds and goes to sleep. Then we can open any pdf file from PdfReader>File>Open.

These are the options I have on the toolbar. I have added relevant keyword shortcuts for all the actions because I do not want to show them in the full view.

1. Print- The default print option available. It works with the preset command of cmd P. or by pressing the print button.

Navigate the document

2. Home – goes to the first page of the document when pressed. I have assigned the “H” button on the keyboard to do that. Before assignment it was the default home button to go to 1st page but I noticed some macbooks don’t have home buttons so I used “H”. So both home and H button work.
3. End – goes to the last page of the document when pressed. I have assigned the “E” button on the keyboard to do that. Before assignment it was the default END button to go to last page but I noticed some macbooks don’t have end buttons so I used “E”. So both END and E button work.
4. Go to previous page – goes to the previous page on the document. To do that we can press the icon or the page up button on the keyboard.
5. Go to next page – goes to the next page on the document. To do that we can press the icon or the page down button on the keyboard.

Back and Forward Navigation

6. Go Back - goes to the last page you visited on the document. To do that we can press the icon or the left arrow button on the keyboard.
7. Go Forward - goes to the farthest page you visited on the document. To do that we can press the icon or the right arrow button on the keyboard.

Zoom in, Zoom Out, Zoom to fit

8. Zoom In – To zoom in press the icon or the “-” button on the keyboard (- button on number pad).
9. Zoom Out – To zoom out press the icon or the “+” button on the keyboard (+ button on number pad).
10. Zoom to Fit – To zoom to fit press the icon or the “J” button on the keyboard (+ button on number pad).

Change display mode (single, continuous, double, double view)

11. Single View – This is the default view I have used to show the page. It shows a single page. To go to this view at any time press the icon from the pop down box or press the button 1.
12. Single Continuous View –It shows a single page in continuous mode. To go to this view at any time press the icon from the pop down box or press the button 2.

13. Double View –It shows two pages. To go to this view at any time press the icon from the pop down box or press the button 3.
14. Double Continuous View –It shows two pages in continuous mode. To go to this view at any time press the icon from the pop down box or press the button 4.

These are the options I have on the pdfView page because I want them even on full screen

1. Add Search Document capability

Search – I have a search bar which searches for strings in a case insensitive way. After typing the string we can press enter to go for next search, which is the default key shortcut. I have also assigned a key shortcut “N” for next search. For searching backwards I have added the key shortcut “B”. To go to the search bar you can use the mouse to click it or can use the tab button on keyword.

2. Navigate the document (jump to any page) & Indicate Current page in the document

Page number - This text field doubles up for showing both the current page number as well as for going to a page number. The page number will automatically show the **current page number**. As it's a text field we can select it using the mouse or tab key and type in the page number we are interested in. If its not a valid page number it would do nothing.

Provide Functionality for the user to open multiple documents.

As my application is document based. I can open multiple documents using PDFReader >File> open.

Graphic Design

To avoid Copyright issues I have drawn my own icon and splash screen which shows an old Victorian textbook and PDF written in old English style representing how far we have come from the days of papyrus printed books to electronic e-books in PDF format.

My splash screen pops up when the app is run stays for 3 seconds and goes to sleep. My splash screen is a bit temperamental when run from xcode .It goes into background sometimes even though I order it at front regardless, but it works seamlessly if run on it own.

Add Presentation mode functionality to your viewer

For full screen I have used the default full screen button available to us as we are used to the default buttons. I have used the key shortcut “F” to toggle between fullscreen. It makes the toolbar invisible, thumbnail hidden and makes my PdfView go as main screen. When we are in continuous mode up

and down arrow can be used for scrolling. Please be careful enough to check a textbox is selected or the view is selected if we want to use key shortcuts.

Resize the Pdfview with the window

I have aligned and set up the constraints accordingly so that the view fits the window. This becomes very noticeable when you drag the window ends to change the size and the view (if in continuous mode) changes accordingly.

Additional features

As this is the last assignment I am working on and this is the end of semester there is heavy course load from other papers as well, so I did not have time to implement any additional bug-free features. Since I like having thumbnails as they tell you approximately which page we are looking for, I have added a pdf thumbnail view. This helps me to know which page I want as I can visually relate faster and just click on that thumbnail to go to that page.

PS: To make it easier to grade I have highlighted all the sections, which carry relevant points e.g. **Zoom in, Zoom out, Zoom to fit**