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COSC346 Assignment Two

This is our joint submission for the second assignment and it consists of a single Xcode project without storyboards and majority of our work was done in Appdelegate.swft.

Our PDFViewer has all the essential functionality described in the assignment brief as well as multiple additional functions that we have implemented including:

Essential Functionality:

Navigate through given PDF:
Page navigation is fairly straight forward on our PDF viewer. There is two ways of navigating, the first is by using the arrow keys in the bottom right hand corner and the second is by choosing a page directly the "Go to page" box.

Navigation between PDF files:
In order to navigate through different PDFs, you first load them in with the open PDF button which adds them to the comboBox at the bottom of the page. You can then choose to either change PDFs using the comboBox or through the use of the arrow keys provided.

Indication of lecture being viewed:
Is shown on the bottom right hand corner of the window.

Zooming:
You can adjust the screen by clicking the "+" or "-" buttons in the top right hand corner and also set it to the standard zoom level by clicking the "Fit to screen" button.

Resizing:
For resizing we have set our main window to have a minimum size ensuring that it does not mess with the look of our viewer. You can then increase the size as much as you want with all the elements in the window staying in their respective places. For the extra panels, we set them all to be unrealizable.

Notes:
You can choose to write both lecture notes or page notes and swap between the two simply by clicking the buttons at the top of the notes field.

Bookmarks:
We implemented bookmarks so that you are only able to set them when a PDF is open, hence why you are unable to press the button whilst there isn't. Once you have a PDF open you are able to set a bookmark in one PDF, move to another and then clicking the bookmark will take you back to the bookmarks PDF at the correct page.

Menu Structure:

We believe we have used a clean-cut menu structure as it being set out in a very useful layout.

About Panel:
You can access the about panel either by simply clicking the information symbol at the top righthand side of the screen or by going into the PDF tab in the Main Menu and clicking "about"

Additional Functionality:

Persistent storage of the notes made on the PDF files:
You can save your page notes for each lecture by clicking the "Save Notes" button. This lets you bring back your page notes even if you have completely exited out of the application.

Document search capabilities:
In order to search the document you can type your word to be searched for in the search box and if there are multiple outcomes you can scroll through them with the stepper (It highlights the one you are currently on). There is also a display of the words found underneath the bar.

Display of time passed through lecture & current date:
The user can set the timer to start himself at the bottom left of the screen, there is also the option to pause and restart the timer. The date and time of day is displayed in shorthand at the bottom right of the screen.

Unattended presentation mode:
In order to access unattended presentation mode, simply open up a PDF an click the "unattended" button. This will bring up a new window in which you can enter in a time (in seconds) for it to pause on each slide before moving onto the next. This can be changed up for each different PDF.

Rich Formatting:
In order to access rich formatting in the notes, simply click either the "Color" or "Font" button in the toolbar to select what font type etc you want and then type away.

What we did:
Loading PDF - Ash/Tyler
Search - Ash
Bookmark -Tyler
Timer - Ash
Unattended Presentation - Ash
Notes - Tyler
Help -Ash/Tyler
Zoom - Tyler
Changing PDF - Tyler
Changing Page - Ash