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C971 - Mobile Application Development - Task D
7/15/2024

Active Term Page:

On the Active Term Page, two different UI elements were changed. The first change was removing the total class count. The class count was removed because it was not required for the assessment. The other change was the layout for the display of each class. I decided to move the dates in line with the class name and status to reduce the row height. This allows the class list to be shorter and requires less scrolling as the number of classes increases.

All Terms Page:

On the All Terms page, the total terms label and the graduation date label were both removed, as they were not requirements for the performance assessment. The "Add Term" button was moved from the bottom of the term list to the top. This allows users to quickly add new terms without having to scroll to the bottom of a list. The final change on this page is the layout of the term groups. Due to the constraints of the .NET Maui CollectionView, I could not display grouped data using expanders. To display the term info and then the related classes directly after, .NET Maui requires developers to use GroupDataTemplates and ItemTemplates.

All Classes Page:

The All Classes page had three changes in total. The most significant change was moving the "+ Add Class" button to the top of the classes list. This allows users to quickly add a new class without having to scroll to the bottom of the class list. Another change was removing the status, start date, and end date labels. This was done to reduce clutter since mobile screens are limited in size. The final change was the removal of the total classes label because it was not a requirement for this assessment.

Profile Page:

No changes were made to this page.

Add/Edit Term Page:

No changes were made to this page.

Class Detailed View Page:

No changes were made to this page.

Add/Edit Class Page:

One change to this page was swapping the placement of the notes and the assessments. This allowed the exam list to grow without affecting the placement and usability of other elements on the page. The other change to this page was moving the "+ Add Exam" button to the top of the exam list. This allows users to quickly reach the button without having to scroll to the bottom of the list.

Add/Edit Assessment Popup:

The notification start and end date entries were removed from this popup to separate the functionalities. This made it easier to ensure that notifications weren't created if the new exam was not actually saved.

Notification Popup:

The notification popup was created to handle the creation of local notifications. This was created to separate the exam creation and notification creation. This also allowed the popup to create notifications for classes, too.

Bottom Drawer Options Menus:

In the wireframe, when an ellipsis button is clicked, it shows an options drawer opening from the bottom of the screen. Due to the Android implementation of action sheets, the drawers appear as square popups in the center of the screen.