Fa23 CMSC 2204-22 Mobile Device Programming/Connectivity

Assignments › Week 5 Structural Widgets

Week 5 Structural Widgets

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Instructions

Overview: Write a flutter application that displays a list of customers after a fake database call is made.

Instructions:

1. Formatting - **1 pt**
     1. Set the header text at the top of the app to "LastName Week 5"
2. Add a button to load database items. The button should say "Load Items" or something similar - **1 pt**
3. Display a circular progress indicator while the items are loading. In reality, the app should wait for a duration of three seconds. After the three seconds, display the items. - **6 pts**
4. Display ten customers. Each customer should have the following fields:
     1. string FirstName
     2. string LastName
     3. int CustomerID
     4. string Type - Assume that type means buying habbits: Saver, Spender, Occasional, Frequent
        Example customer: "Doge", "Coin", 99, "Saver"
5. Add a button (feel free to reuse the inital FloatingActionButton) to reset the page to it's original state ("Load Items"). Only display this after items from the mock database have been loaded **- 2 pts**
6. Use Screen2Gif to record and submit a gif named *lastName_Week5* demonstrating the functionality
     1. In the demonstration, do the following:
          1. Tap the button to load items from the database
          2. Scroll through the items
          3. Refresh the page (return to initial page conditions) by pressing the button to reset the page.

Grading:

The point values are listed in the instructions. Failure to:

- Have ten items in the list of users will result in a zero
- Demonstrate bug free behavior (no crashes, no UI out of bounds messages etc) will result in a zero

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Let me know if there are any questions via discord.

Due on Sep 24, 2023 11:59 PM

Available on Sep 18, 2023 8:00 AM. **Access restricted before availability starts.**

Submit Assignment

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