

Exercise - 3

September 7, 2022

Objective

Modify previously developed “CardHub” to modify topic names and add bullets about specific topic related to iOS development.

Motivation

Segues, Protocols, Multiple views, Labels, buttons, text fields, and alerts are the fundamental building blocks for creating any iOS applications.

Must Follow

You must follow the rules below. Otherwise, you will get **50% of your actual score.**

1. Start your XCode project “**Exercise2_LastName_FirstName**” (replace **LastName** with your last name and **FirstName** with your first name).
 - a. **DON'T DO** the following:
 - i. Start with any other project name and change the zip file name later.
 - ii. This will not be accepted at all.
2. You must have to do the exercise compatible in **XCode 14.3.1 version**.

Tips

- **Read the question carefully, then start coding!**
- **Build, Build, and Build**
 - If you add anything on storyboard -> **Build**
 - If you make a reference from storyboard -> **Build**
 - Do not wait until finishing all parts and build.
 - It is easier to debug after each single feature added.

Details

Create a multiple view iPhone application using Swift as a programming language. Start your XCode project "**Exercise3_LastName_FirstName**" (replace **LastName** with your last name and **FirstName** with your first name).

[3 pts] Design your interface to look like the screenshots [Figure 1 - 5]

- Design your UI for iPhone 14 in Portrait mode
- Pay attention to colors and font sizes

[3 pts] If user taps the button "Add bullet" show new screen [Figure 2]. At the new screen button 'Cancel' return user to the initial screen without changes and button "Save" adds text entered in the "New bullet" field to the bullet list [Figure 3].

[3 pts] If user taps the button "Edit topic name" show new screen [Figure 4]. At the new screen button 'Cancel' return user to the initial screen without changes and button "Save" changes topic name text to the text entered in the "New topic" field [Figure 5].

[1 pt.] Add a splash screen, add a proper icon for the app.

Submission

Zip XCode project and submit to the MS TEAMS. The name of your zip file will be automatically "**Exercise3_LastName_FirstName.zip**" (**LastName** is your last name and **FirstName** is your first name). One submission per person.

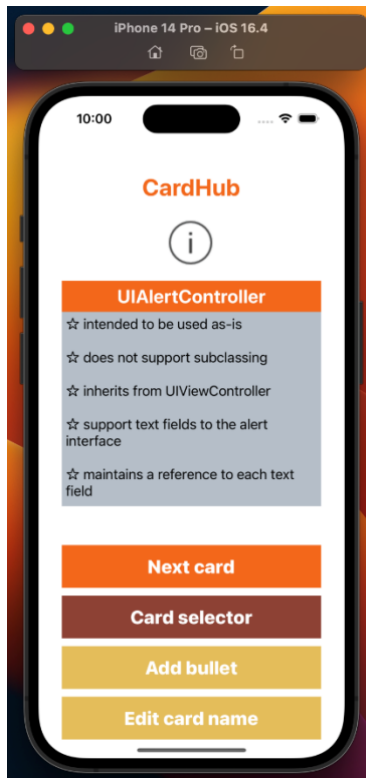


Figure 1

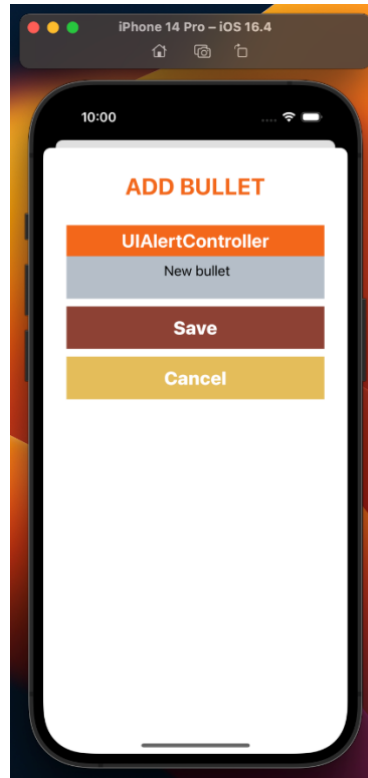


Figure 2

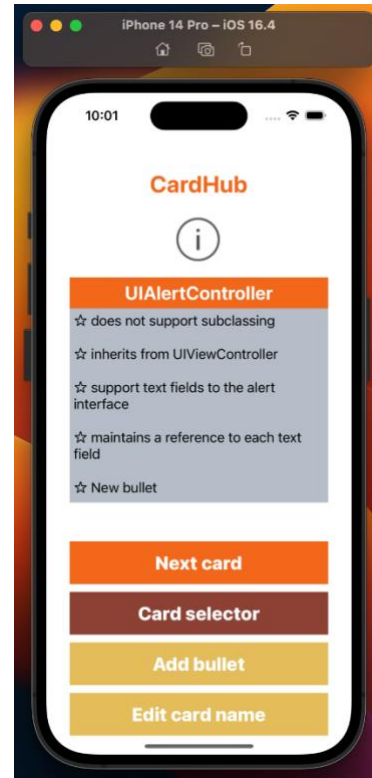


Figure 3

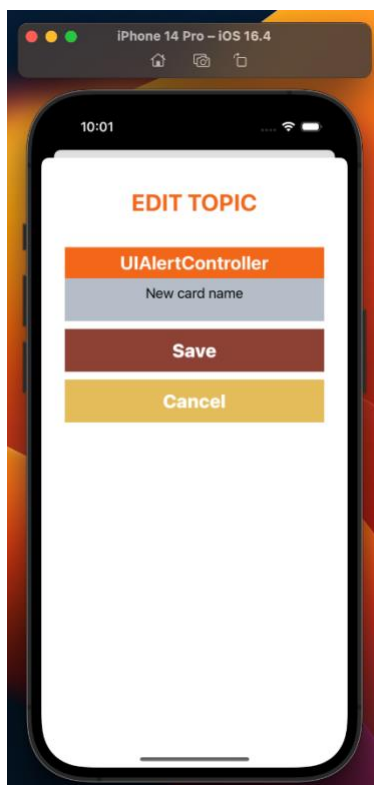


Figure 4

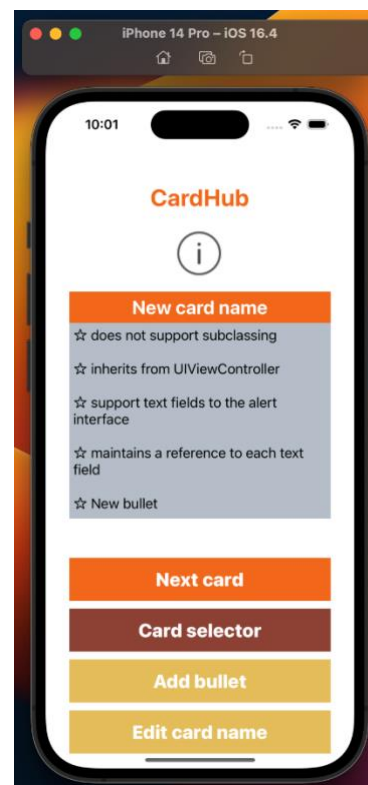


Figure 5

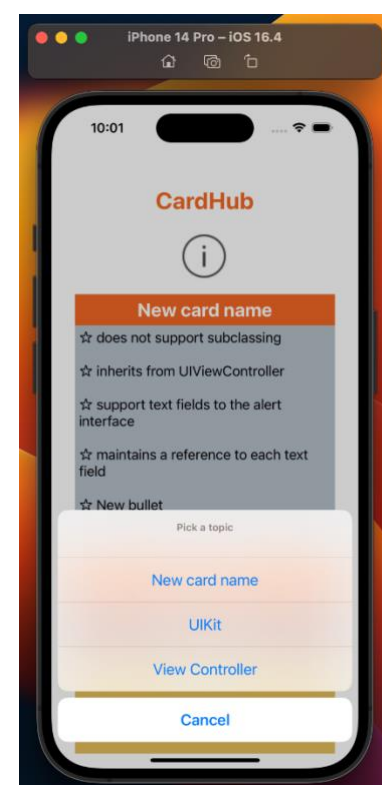


Figure 6