

Assignment 2

Instructions and Grading Criteria

- This is an **individual** assessment. Please review the college's **Academic Integrity Policy** to ensure that you are completing your work in an academically honest manner.
- Your application will be tested using an iPhone 14. It is your responsibility to ensure that your application runs properly on this simulator.
- In addition to the required functionality, learners are expected to use the coding conventions demonstrated in class, meaningful variable naming, and clearly organized code. Comments are helpful but not required.
- This assignment is due on **17th Feb 2023**. Late submissions will not be accepted.

Submission Checklist

For your submission to be graded, provide a **zip** file of your project, and a **screen recording** demonstrating the functionality you implemented.

1. Create a zip file of your project

- Name the zip file **A2_firstname_lastname.zip**. **.7zip or .rar files will not be accepted.**

3. Creating Your Screen Recording

- In the screen recording, demonstrate the app running in the console, and show the relevant output.
- Max 7 mins.

3. In the assignment:

1. Upload your screen recording to **Microsoft OneDrive** and ensure that the link is set to: "Anyone with the link can view". Paste a link to the recording in the **submission comments**.
2. Submit your zip file containing the project

Academic Integrity

- This is an individual assessment.
- Permitted activities: Usage of Internet to search for syntax only; usage of course materials
- Not permitted:
 - Communication with others (both inside and outside the class)
 - Discussion of solution or approaches with others; sharing/using a "reference" from someone
 - Searching the internet for full or partial solutions
 - Sharing of resources, including links, computers, accounts

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Problem Description

Create an app that has a student registration form for college admission. It must include the following UIElements:

- UILabel
- UITextField
- UIButton
- UIPageControl
- UISegmentedControl
- UISlider
- UIStepper
- UISwitch
- UIImageView
- UIProgressView
- UITabBar

Instructions:

- The app must have multiple screens (at least 3).
- You should pass data between screens wherever required.
- The final screen must show all the details of the student.
- The app must have both UI and programmatic navigation styles.
- The app must have `show` and `modal` presentation.

Marks Weightage:

- | | |
|----------------------------------|-----|
| - Overall UI & UX: | 20% |
| - Justified usage of UIElements: | 30% |
| - Functionality: | 40% |
| - Creativity: | 10% |

END OF ASSESSMENT