Advanced iOS

FINAL PROJECT REQUIREMENTS

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SUMMARY

Objective

Display a contact list of randomly generated user data that will then segue into a detail view with additional data.

Solution

Use the REST API service at https://randomuser.me/documentation#howto to generate **X AMOUNT** of contacts. Use your last name as **SEED**.
Display those contacts in a custom table view cell.
Display additional information for each contact in a detail view screen.

Project Requirements

GENERAL REQUIREMENTS

- Project must compile.

- Data should be consistent throughout runtime.

- Application needs to have a name

- Application needs to have an icon

- Application must utilize AutoLayout on all the User Interface elements

- Application must begin with a **Splash Screen**

  - Splash Screen background color must be a solid **COLOR 1**

  - Must have an App Name **Title** centered in the middle of the screen

  - Must have a Student Name **Subtitle** below the App Name

  - Must have a Login **Subtitle** below the Student Name

- All Titles must be in **COLOR 2**

- All Subtitles must be in **COLOR 3**

- Application must then load a **Table View**

  - Table View rows should be alternatively colored between **COLOR 4** at 40% and **COLOR 4** at 10%

  - Table View should be laid out to 0 pixels from the Superview on all sides.

    - Table View Cells should be 40 pixels in height.

- Information on each cell should include:
  - Small circular image to the left of the cell
    - Image is 32x32 - Centered vertically - 0 pixels to Left(Leading) Margin
  - Full name: "first" plus "last" name **Title**
    - Font size 17 - Bold - 8 pixels from Image
  - Email **Subtitle** right below it.
    - Font Size 13 - 4 vertical spacing from title - aligned left with title
- Application must then load a **Detail View**
  - Detail view must include the following information:
    - Title
    - First
    - Last
    - Street
    - City
    - Email
    - Phone
    - Cell
    - Large Picture
  - Large Picture should cover at least 20% of the top portion of the detail view. Constraints to top, left and right should be 0.
  - Detail View background should be **COLOR 4** at 10%

PROJECT DUE DATE
Project must be delivered before **11:59 pm on Friday 1st of February 2019.**

PROJECT DELIVERY
Project should be uploaded to your personal GitHub. Send me an email with the link at jjuzcateguir@gmail.com

I will not accept compressed files of the project. Only through GitHub.

EXTRA CREDIT
- Add a search bar to the main Table View. When the user taps the third character, the table view filters its results according to the text.

- Add error alerts for when the server cannot be reached. Mock offline conditions to test this.