iOS Coding Challenge

Overview

The goal of this challenge is to create a basic social media app to showcase your engineering skills.

- API documentation for this challenge can be found here
- A project is provided to assist in getting started

Considerations

- You have creative control over the designs, but won't be graded on it
- We use UIKit primarily; however, you're welcome to create your own project or modify any of the provided code
- Well-structured projects and self-documenting code are greatly appreciated
- Embrace the challenge, have fun!

Requirements

General

- Do not use any third party libraries for this challenge.
- Do not use AI systems during the application process.
- Add in unit tests where appropriate.
- Add a README to the project with any context you'd like to add (e.g. assumptions, future improvements, architecture followed, etc.).

Features

Login

Create a login page that has the following:
- Username field
- Password field
- "Login" button
- "Continue as guest" button

Logging in or continuing as a guest should take the user to the Post List page.

Post List

Create a page that has a list of all available posts.

Each post should have the following:
- Avatar image
- Username
- Title
- Description

If logged in:
- Add a navigation button that reads "Logout" and takes the user back to the login page

If a guest:
- Add a navigation button that reads "Exit"
- Selecting this button should alert the user with a "Thank you for trialing this app" message and then take the user back to the login page

Tapping on the avatar or username within a post should launch the User Information page modally.

User Information

Create a User Information page that contains the following:
- Avatar image
- Username
- Email Address

Validate the domain extension of the email address is one of: .com, .net, or .biz
- If invalid:
  - Add a warning icon beside the email address