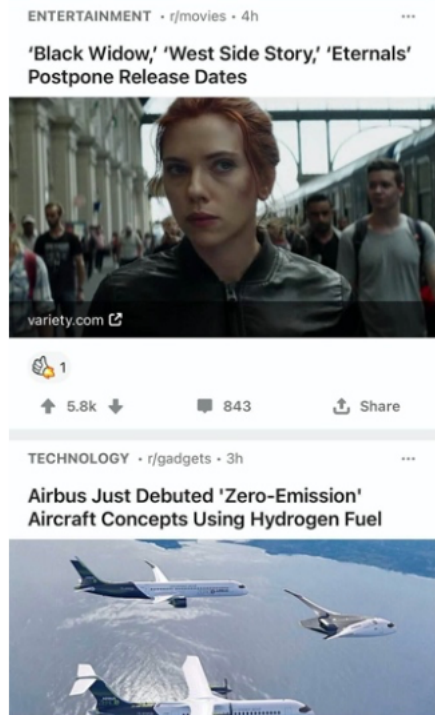# iOS Coding Challenge

You will be developing a native application for home page feeds. This page displays Feeds in a scrollable or swappable manner.

Sample UI for Reference – Not a strong guideline just for reference

Below are the details needed to construct a sample native application based on a public REST API.

API URL - http://www.reddit.com/.json

Please implement infinite scrolling by getting the next set of post when the user scrolls or swipes past the fetched data.
Next URL - http://www.reddit.com/.json?after= + afterLink

Requirements

These requirements are rather high level and vague.
If there are details omitted, it is because we will be happy with any of wide variety of solutions/creativeness.

- Please create a remote GIT repo and use this to store your iOS project using swift
- Feel free to use any frameworks and resources you would like.
- Please use best practices and sold design patterns like MVVM or VIPER or RIB
- Query the rest API for receiving the reddit page response
- For each Feed returned from the API please display the
    Image
    Title
    Comment Number
    Score. API
- Display the data by constructing a list view.
- All texts in the view should be displayed (no truncation)
- Image should set the height dynamically based on image resolution in the API response
- The cell view should dynamically set the height based on the content and the image size

(For image refer thumbnail, and the image should have same aspect ratio based on tumbnail_width, thumbnail_height. Default padding from screen edge for width & calculate height based on aspect ratio)

Construct the UI programmatically don't use story boards or xib's

What is Important
- Unit Test cases
- Proper separation of concerns, best-practice, coding patterns
- Well-constructed, easy-to-follow, commented code
- Proper functionality, requirements met – Infinite Scroll, Proper UI

When complete please push final product and share GIT Repo URL.
If you have any questions, we are happy to answer them.