

View of Wechat Moments(微信朋友圈)

Production requirements:

The assignment is to build an iPhone app which looks like Wechat Moments page.

- Wechat Moments is the ideal goal of the view layouts
- The view consists of profile image, avatar and tweets list
- For each tweet, there will be a sender, optional content, optional images and comments, ignore the tweet which does not contain a content and images
- A tweet contains from 0 to 9 images, make sure the layout is aligning with Wechat Moments
- Load all tweets in memory at the first time and only show first 5 of them at the beginning and after refresh.
- Show 5 more while user pulling up the view at the bottom of the table view.
- Pulling down table view to refresh, only first 5 items are shown after refreshing
- Supports layout on all kinds of iOS device screen and orientation.

This is a static page, no more actions(tapping, pulling, multi-touching) are required. Any extra interaction is welcome and will be seriously considered in a positive way. For any other unclear layout concerns, please reference current Wechat implementation. The more similarity your submission gets, the more score you earned.

Technical requirements:

- Swift is recommended, ObjC is not recommended.
- The data JSON will be hosted in `thoughtworks-mobile-2018.herokuapp.com`
- Layout using storyboards or programmatically
- Implement image cache mechanism by yourself (does not use the third- library)
- AutoLayout & Size Classes is appreciated.
- Unit tests are appreciated.
- Functional programming is appreciated
- Utilise Git for source control, for git log is the direct evidence of the development process
- Utilise GCD for multi-thread operation
- Only binary, framework or Cocopods dependency is allowed. do not copy other developer's source code(*.h, *.m) into your project
- Keep your code clean as much as possible Production and Technical requirements are weighing equally in the final result.

JSON data specification:

- Request user info from url:

<https://thoughtworks-mobile-2018.herokuapp.com/user/jsmith>

- Request tweets from url:

<https://thoughtworks-mobile-2018.herokuapp.com/user/jsmith/tweets>