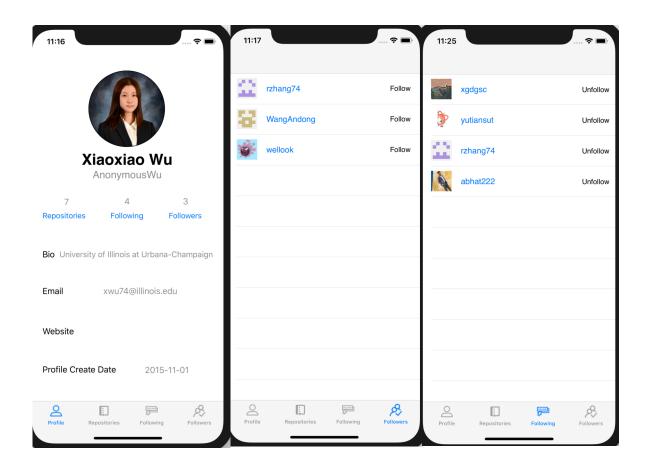
Assignment 3.1 Xiaoxiao Wu (xwu74)

Polish the UI Added Follower List page

Display the name and avatar image of a list of Followers of your GitHub Able to opened from your tab navigation and profile page

Added Following List Page

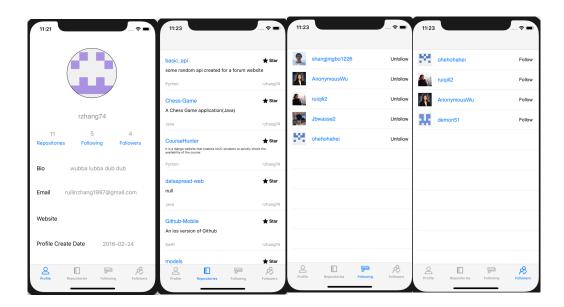
Display the name and avatar image of a list of Followers of your GitHub Able to opened from your tab navigation and profile page



Oauth2 Authentication

code Snippet:

For each cell, able to click and open the profile page of that user, can also display the repo, follower, following of that user



When clicking the follow/unfollow button, can follow a user from the follower list and unfollow a user from following list using authorized API calls and POSTing data to GitHub When follow/unfollow a user, the follow page will be updated.

Code Snippet:

(Make API Calls to add a follower: POST)

```
@objc func onButtonClicked(_ sender: UIButton) {
    let todoEndpoint = "https://api.github.com/
        user/following/" +
        followers[sender.tag].name
    Alamofire.request(todoEndpoint, method: .put,
        parameters: nil, encoding:
        JSONEncoding.default, headers:
        ["Authorization": "token " +
        token]).responseJSON { response in
        print("Follow Success")
    }
    //sender.setTitle("unfollow", for: .normal)
}
```

(Make API Calls to unfollow: DELETE)

```
@objc func onButtonClicked(_ sender: UIButton) {
    let todoEndpoint = "https://api.github.com/
        user/following/" +
        following[sender.tag].name
    Alamofire.request(todoEndpoint,
        method: .delete, parameters: nil,
        encoding: JSONEncoding.default, headers:
        ["Authorization": "token " +
        token]).responseJSON { response in
        print("Unfollow Success")
    }
}
```

Able to star/unstar a repository at repository page when clicking the star button

Can reflect the change on Github Page



AnonymousWu / Applied-machine-learning

★ Unstar

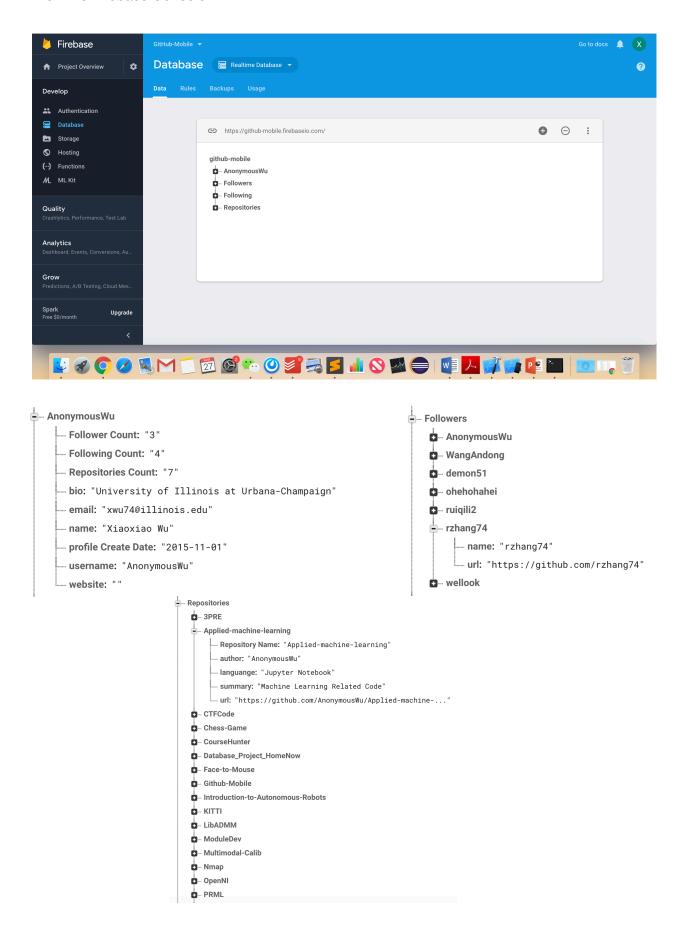
Machine Learning Related Code

■ Jupyter Notebook ★1 Updated on Feb 24

Store JSON profile, repositories, following and follower data to Firebase Realtime Database

Code Snippet:

On the Firebase Console:



Testing Framework

```
1 //
2 // GitHub_MobileTests.swift
3 // GitHub-MobileTests
5 // Created by WuXiaoxiao on 3/8/19.
6 // Copyright @ 2019 WuXiaoxiao. All rights reserved.
9 import XCTest
11 @testable import Pods_GitHub_Mobile
override func setUp() {
15
16
        // Put setup code here. This method is called before the invocation of each test method in the class.
17
         super.setUp()
func testUser(){
     let user = User(name: "user1", url: "www.fakeurl.com")
     XCTAssertEqual("user1", user.name)
     XCTAssertEqual("www.fakeurl.com", user.url)
}
```