

# Manual Test Plan for githubProfile App

October 25, 2017

## 1 Introduction

githubProfile App is going to display github information in iOS platform. It has four pages, interacting with profile, followers, following, and repositories respectively. The page navigation can be either performed by bottom tabs, or by buttons.

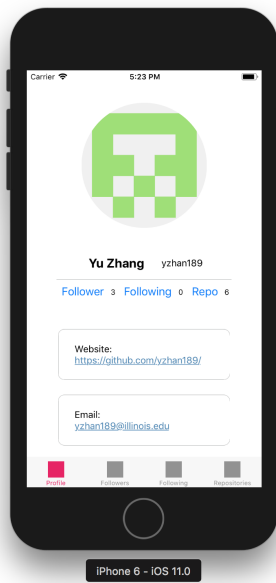
## 2 Pages

### 2.1 Profile Page

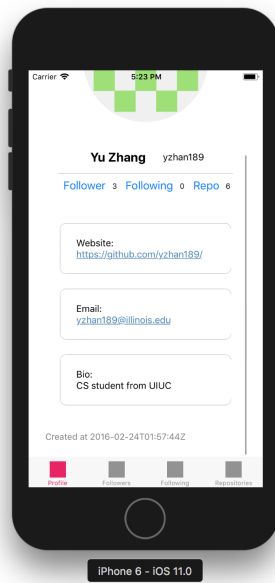
When entering the app, the main page shown should be profile page as figure (1a) shown. There should be a avatar, user real name and log-in name, number of following, followers and repositories.

Scroll down to the bottom of the screen, it should display email, website, biography, and created date as the format in figure (1b).

Also note, the web page link and email link should have underline and in blue.



(a) Main Screen



(b) Scroll down main page

Figure 1: Profile page is the main page

## 2.2 Following and Followers Page

Tab the bar item at the bottom of the screen, the page should navigate to the following and followers page, they are currently empty as figure (2) shows.

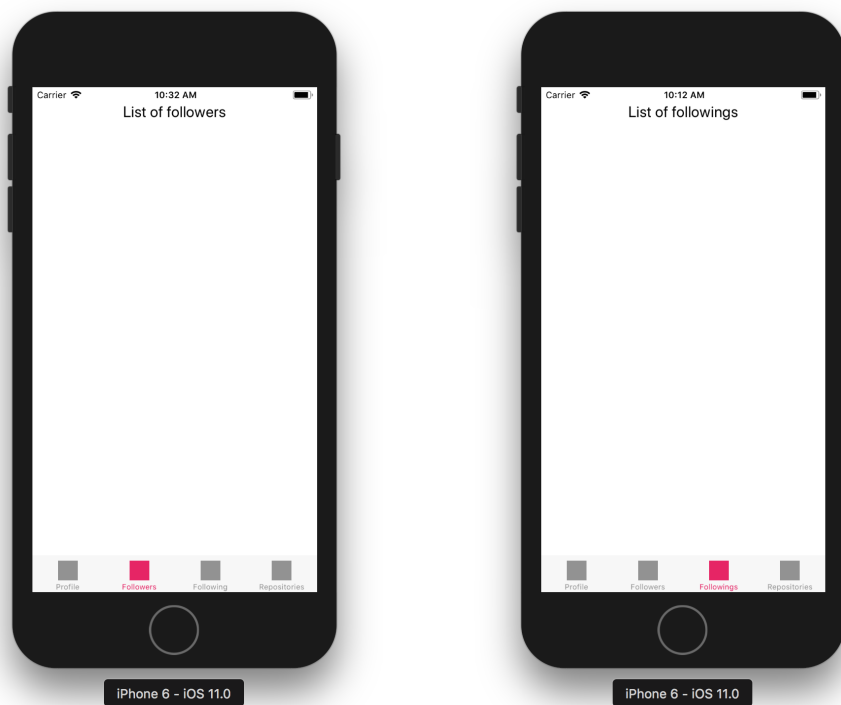
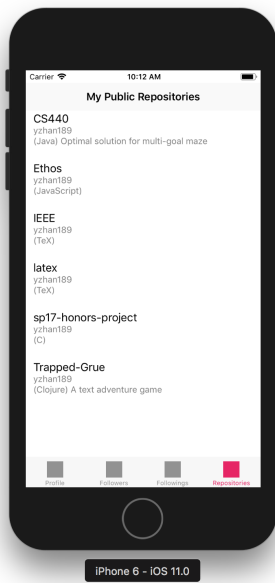


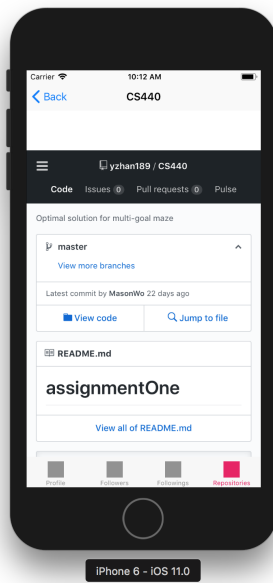
Figure 2: Follower and Following page

### 2.3 Repositories Page

Tap the bar at the bottom right of screen, it should navigate to repositories page as figure (3a) shows. There should be list of repositories. Click on the first repository should give a web view of that web page as figure (3b) shows. Scroll down the page, it should be shown as the rest of the web page as figure (??). Click "code" on the web page and it should go to the link as figure (??).



(a) Repositories page



(b) Web view of a repository

Figure 3: Initialize chess board

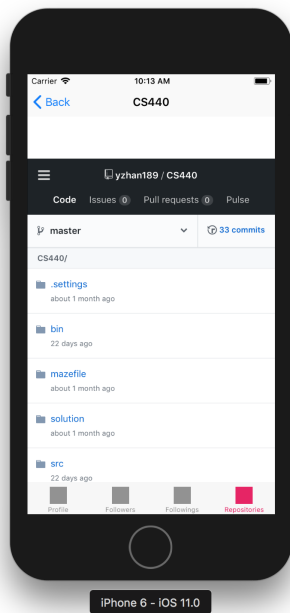
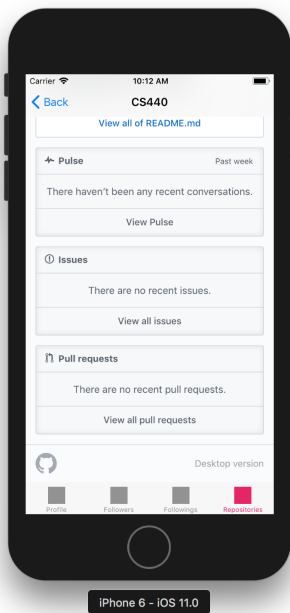


Figure 4: Interact with web page of github repository

## 3 Navigation Between Pages

### 3.1 Navigation Bar

As the above steps already shown, the navigation bar should work as described. Now try more tabs from the bottom bar. The tab should always navigate to the correct page as the above page section shows.

### 3.2 Buttons

Now go back to the profile page, click on the "Follower", it should respond as figure (5a), and then navigate to followers page. Similarly, test this on "Following" and "Repos".

Now go to repositories page, click on the second element in the list, it should be highlighted as figure (5b) shows. Try click other element, they should be highlighted as well.

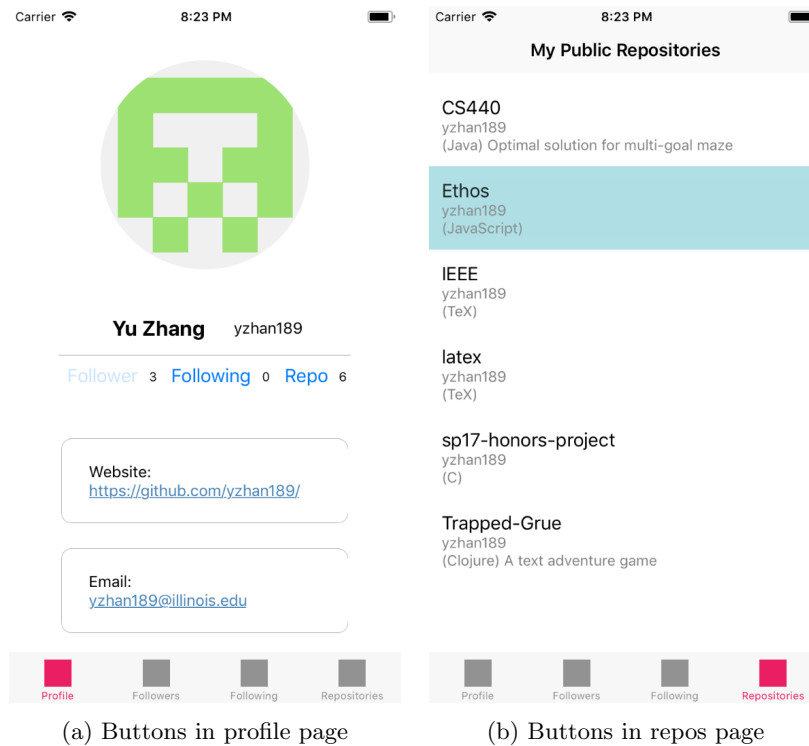


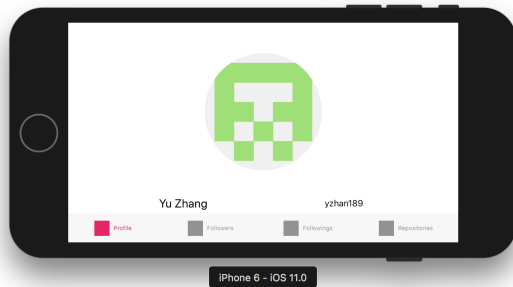
Figure 5: Buttons highlighting when clicked

## 4 Adaptive Layout

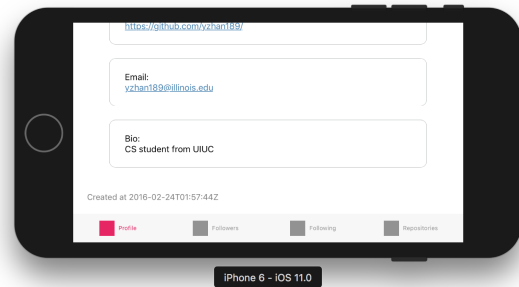
The app should be adaptive to both portrait and landscape on different devices.

## 4.1 Landscape View

Rotate the device to right ("Hardware" -> "Rotate Right"), and the profile page should shown as figure (6a), scroll view should also work, so scrolling to the bottom will gives figure (6b)



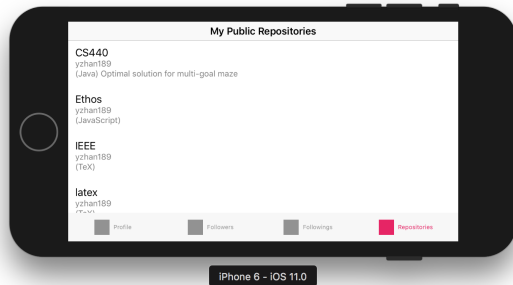
(a) Profile page.



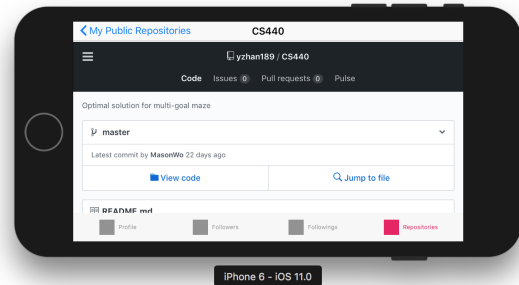
(b) Scroll down profile page.

Figure 6: Landscape view.

Now go to repos page, it should be shown as figure (7a). Click on one of the item, it should give a landscape web view as figure (7b) shows. Try click on other item as well, they should also deliver a web page correspondingly.



(a) Repositories page.



(b) Web view of repository website.

Figure 7: When user choose to undo.

## 4.2 Larger Screen

Try running simulation on iPhone 7 Plus, following the above steps, the profile page, repos page, landscape view should be as figure (8) shown. All the above functionality should also apply here, so following the above section to do the test again.

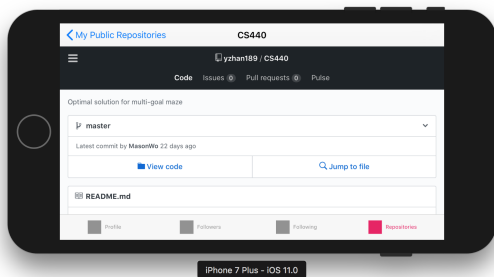
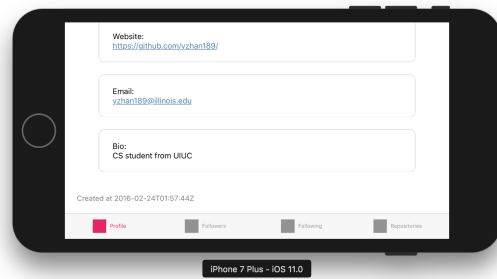
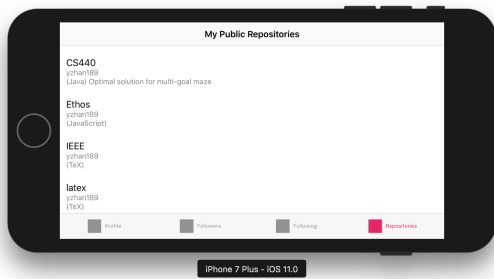
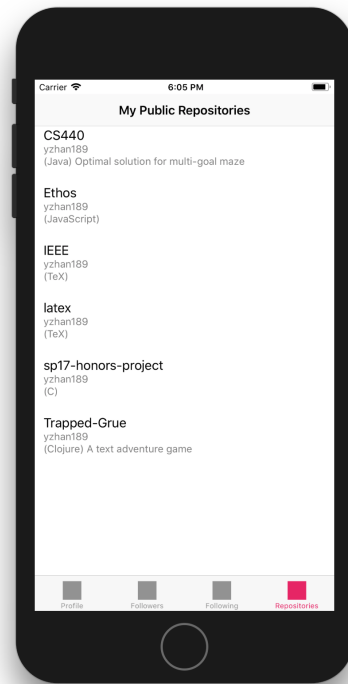
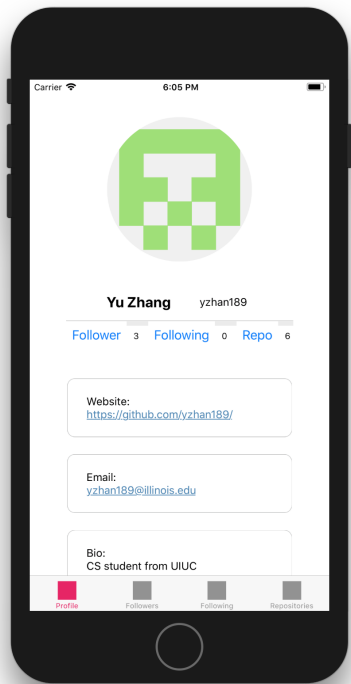


Figure 8: App view on iPhone 7 Plus.

### 4.3 Different Shape of Screen

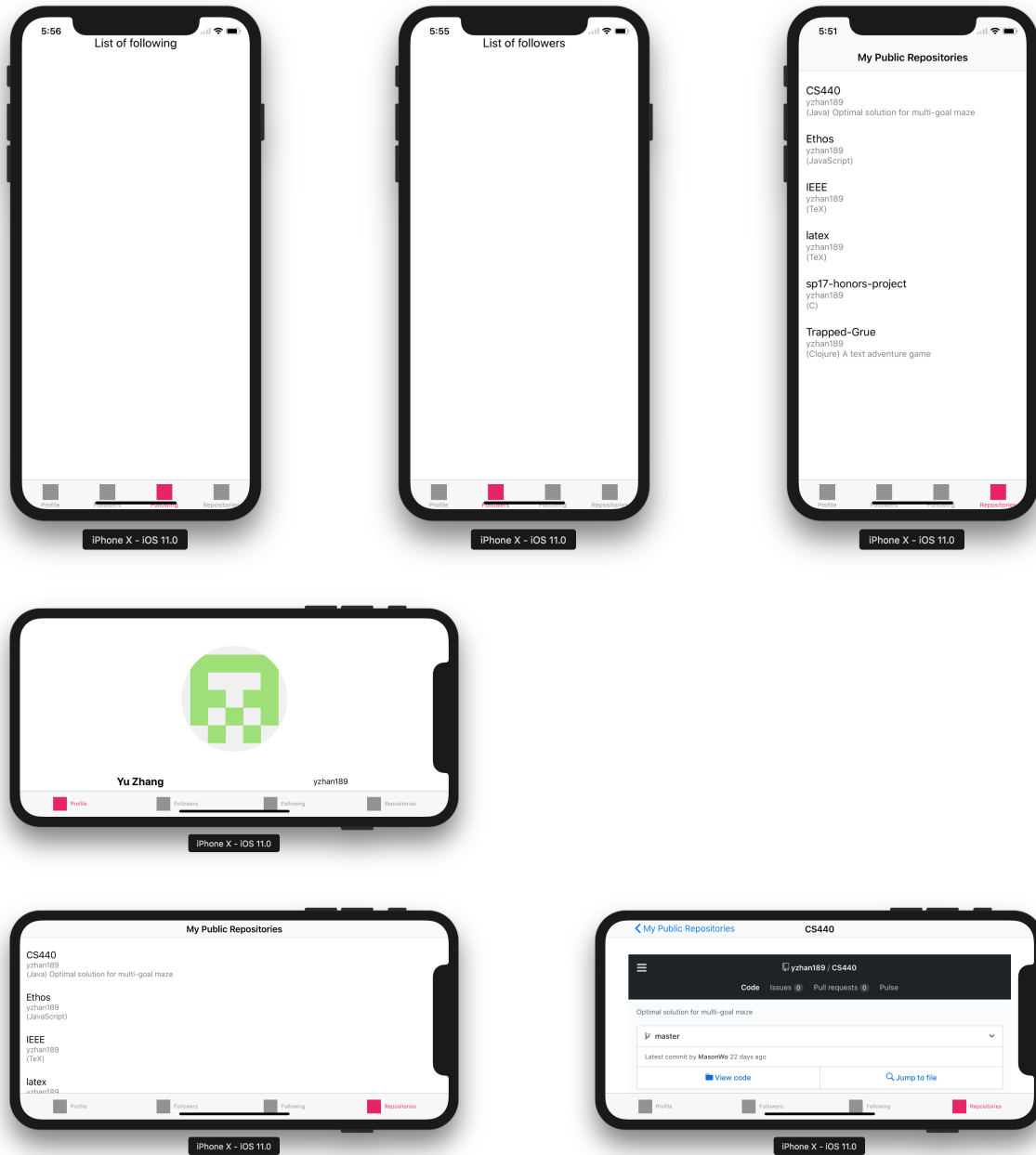


Figure 9: Iphone 7 Plus.

Try running simulation on iPhoneX, following the above steps, the profile page, repos page, following page, follower page, and landscape view should be as figure (9) shown. All the above functionality should also



apply here, so following the above section to do the test again. Note all the text should not be covered by the top bar of iPhoneX.