

Tiger Eyes for Apple iOS Devices

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Section 1: Welcome

Welcome to the Tiger Eyes application user guide. This handbook will guide you through the various features of Tiger Eyes, an application that allows you to get the buildings' information or get the information of a QR code through a camera view using your IOS device.

1.1: Greeting

Welcome to the world of Tiger Eyes. FP team (Chong Sun, Bo Li) is excited for your coming! All the details you want to know will be presented in the following

menu. If you have any other questions, please mail to hello2pig@gmail.com. Code monkey (Bo Li) is ready to help(24 hours).

1.2: Access to Tiger Eyes

Tiger Eyes will operate on an iPhone with iOS 7 or later. Connectivity from a wireless carrier or a Wi-Fi provider is required to make Tiger Eyes work well. We highly suggest you to turn on the Wi-Fi to improve the accuracy of the location. And there is less than 100 meters bias for our app. Sorry about it!

You can't get the App from the Apple Store right now. But our App will soon be online. Thank you for your attention.

Section 2: Getting Started

To get the most out of Tiger Eyes, there are various features and functions that you should know. This section provides a quick overview of the basic elements to help you get started.

2.1: Heading

Each screen of Tiger Eyes has a heading. It is at the top of the screen, directly below the device status bar, which displays information about your device

such as the current time and battery life. The heading tells you which screen or content you are managing.

2.2: Augmented Reality

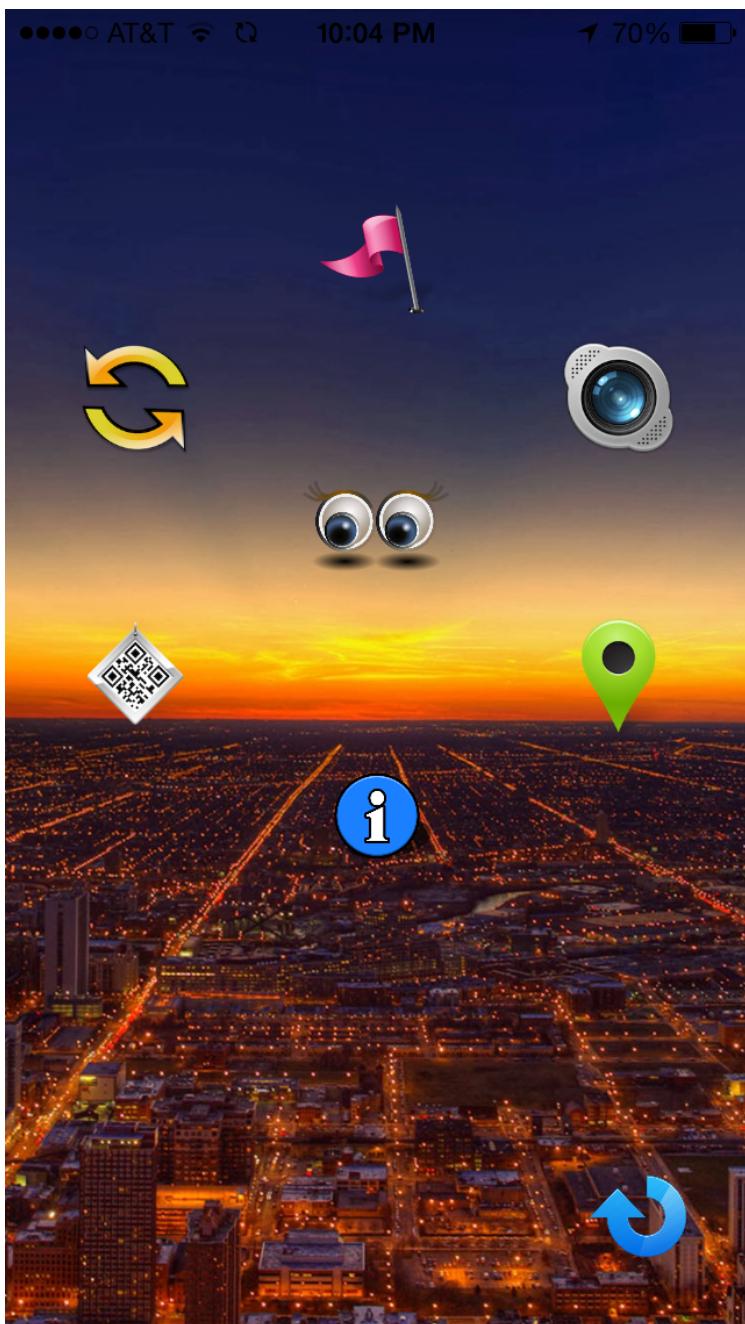
The Tiger Eyes App is based on augmented reality. So in every scene of the App, the camera is the base layer of it. And additional information will be show in another layer on the camera layer.

Section 3: Running the Tiger Eyes App

3.1: The Welcome page



3.2: The main view



Menu Item	User Actions

Button (Marked as a flag):top button	User can press the button to get the current location added. It will be automatically saved as "my car".
Button (Marked as a information)	The place to show instructions and acknowledgement.
Button (Market as a syc)	User can press the button to get the synchronized information from the remote database that is uploaded by another user.
Button (Marked as a QR code):left down	User can press the button to get into the second View (QR code)
Button (Marked as a location):right down	User can take a picture or get the picture from album and add a name and some description to upload it to the remote server.
Button (Marked as a camera):right up	User can press the button to get the augment reality (location) view to get the surrounding

	buildings' names. User can also see the location user just added which is marked as "my car".
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3.3: The QR code view

After user tabs the scan button in the main view, it will jump to the QR code view. The QR code view is a camera view. User can point the camera to a QR code, and if the QR code is detected, user can see a box popping out to give the detail information of the object (including the title, image and the detail description of it).

The view shows as below:

Back

Tillman Hall



Tillman Hall is not the oldest building on the campus, but it is one of the most recognized building at Clemson.

http://www.clemsonwiki.com/wiki/Tillman_Hall

Ok

Dismiss

Tillman Hall

3.4: The location view

After user tabs the places button in the main view, it will jump to the location view. The location view is also a camera view. User can see the names and the distances of all the surrounding buildings from the camera. And user can also get the car's location from the camera view once the user added.

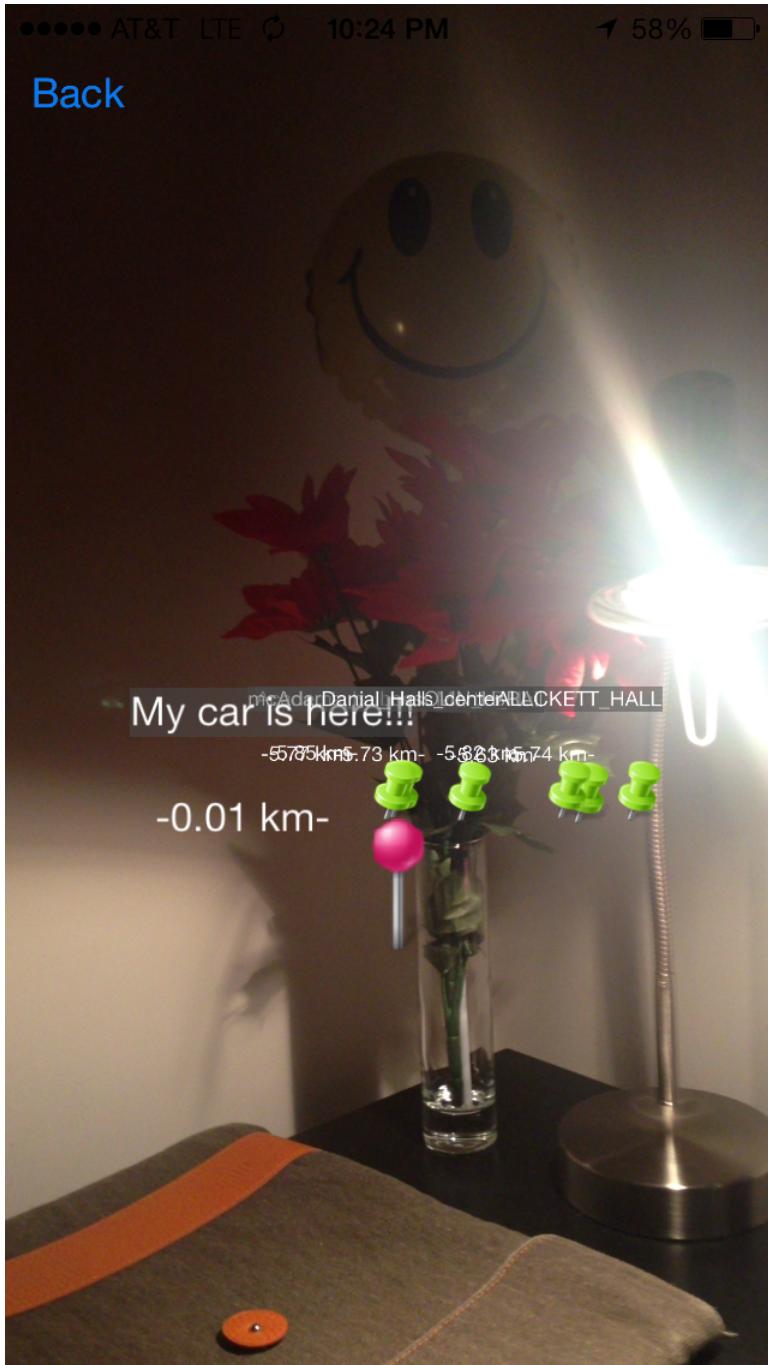
The red marks the car's location and all the other green marks show the locations of the places uploaded by all the users. And the distances are all shown below the mark.

User can also press the mark to see the detail information of the place.

The view shows as blow:

AT&T LTE 10:24 PM 58%

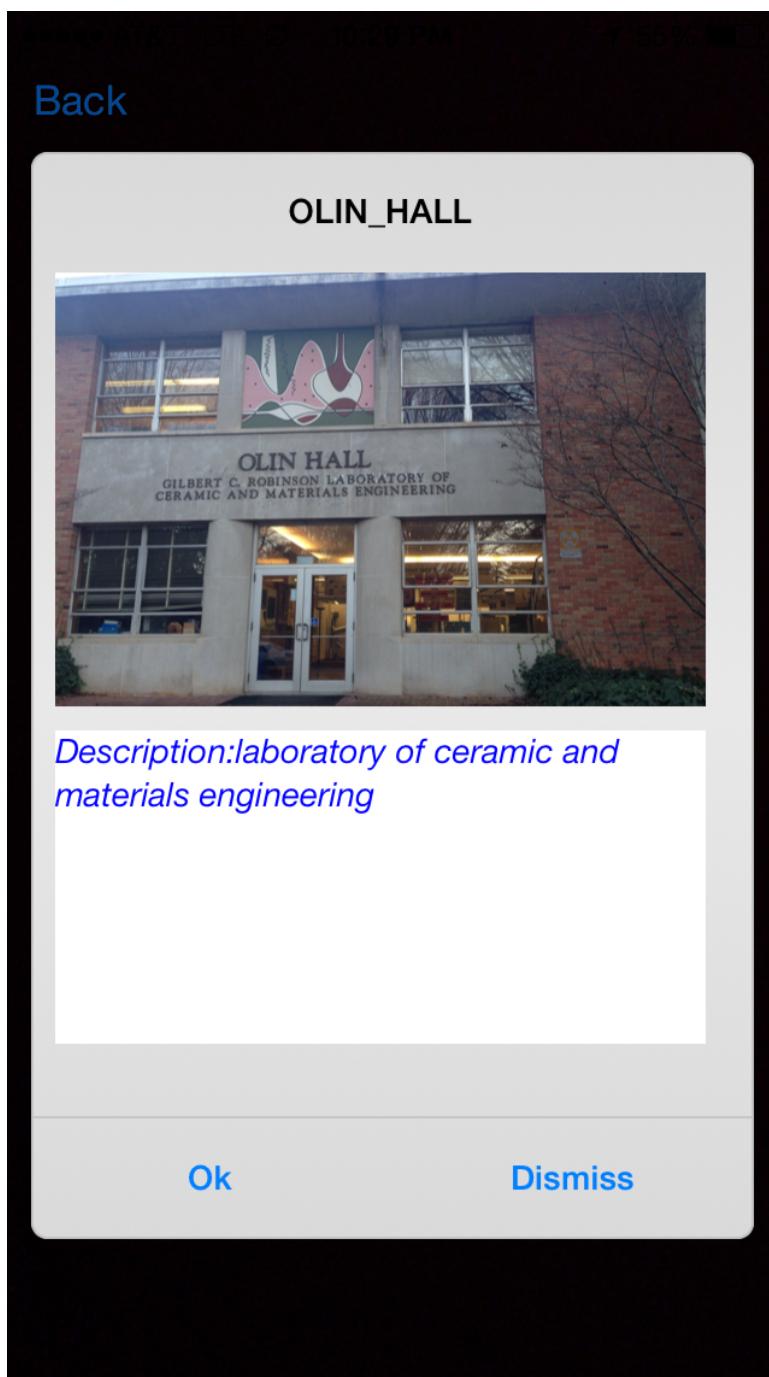
Back



-0.01 km-

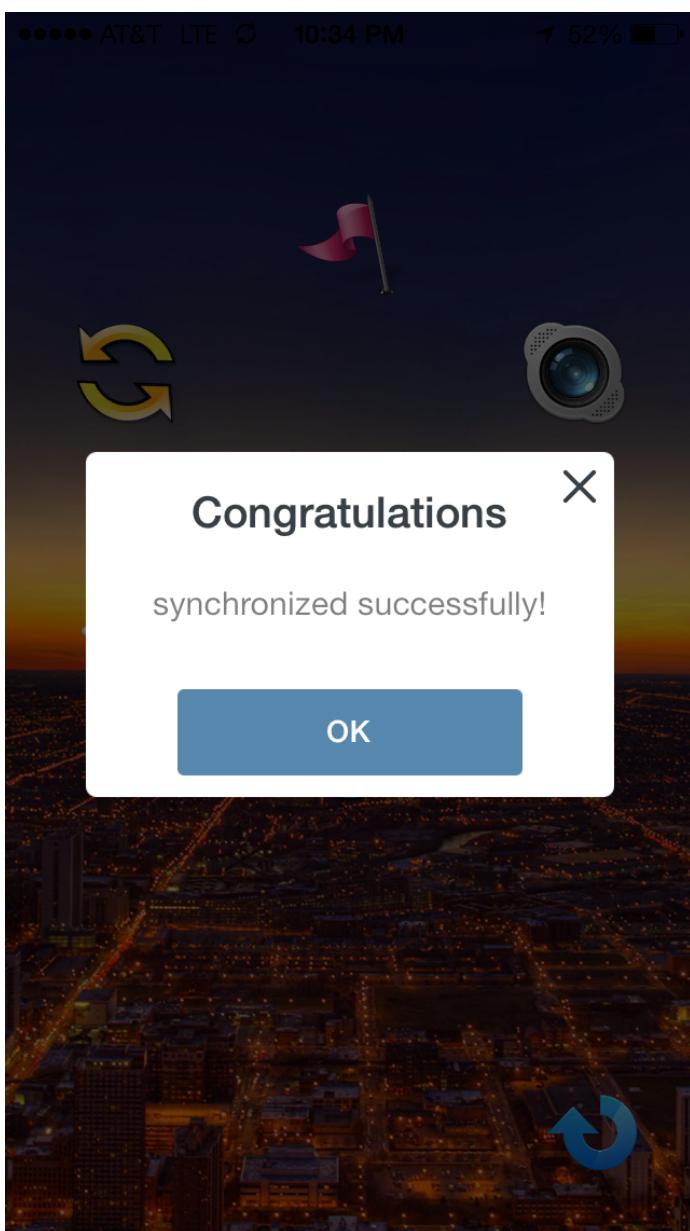
3.5: The detail location information view

When user presses the mark on the previous view, user can get the detail information of the building including name, description and also a picture of it.



3.6: The synchronize function

On the first view, user can press the synchronize button to get all the information from server. In this way, user can always get the up to date information instead of updating the app again and again. The app will grow big if more users use it.



3.7: The map function

On the main view if user rotate the iPhone, user can also get a map of the current places and press the mark, user can also get a lot of information from Google Api. It is easy to use and very useful. User can also use gesture to make the map bigger and smaller.

