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Terms & Conditions

- Stakeout is currently in beta and hosted at RoxorSoxor.com
- After testing and upon payment, v1 will be installed on your server. Free updates include existing features and those listed under “Future Development” along with continual improvements to speed and security.
- Export and RoxorReports PDF-related features will be included in v2

Technical Requirements

- Stakeout is a web app -- basically a web site -- and, as such, requires access to the Internet either through a data plan or WiFi.
- The Observations geolocation feature requires that users allow Stakeout to “know” their location. You don’t have to allow the app to know your location for the app to work, but, in my humble opinion, you’re missing out on a major benefit of using it.
- Create a Stakeout Administrator email account using your domain (you can do this on your cPanel or equivalent provided by your host) and provide that to me so I can configure the mailer (for registering users, changing passwords, and emailing content to you) during installation.

Security

- Like AppleInvestigations.com, RoxorSoxor.com uses **https** “which protects against man-in-the-middle attacks. Additionally, it provides bidirectional encryption of communications between a client and server, which protects against eavesdropping and tampering with or forging the contents of the communication” (source: *Electronic Frontier Foundation*).
- The PHP code currently used for Stakeout uses version 7 and takes advantage of what’s called “PDO” as well as several scripts preventing “injection” attacks -- if someone were to access your copy of Stakeout on your server, they would be unable to “inject” malicious code into your site, database, etc. using the forms that make up most of the app.
- ASAP, I’ll be adding further security-related code to prevent “brute force” attacks (bombarding the login page with countless attempts at guessing the usernames and/or passwords)
- As people are even more careless with personal credentials than work-related passwords, etc. I can not recommend highly enough that you create **AppleInvestigations.com** email accounts for Stakeout users if you don’t already create them for your team. This ensures that when your employees inevitably leave their personal devices somewhere or leave their Google/Yahoo email accounts open in some public place, a supervillain walking by won’t be able to click “reset/change password,” check the employee’s email to change the password, then login and do whatever supervillains do. Even (and especially) if the only time they ever use the email account you create for them is at your office to verify and activate their Stakeout account, it makes it *significantly* more difficult for someone to break in. If you’d like me to create these accounts, I can do that for you.

Introduction

Stakeout allows a team of investigators to collaborate on a case by contributing observations from separate locations at different times to a single repository.

Standard workflow consists of these steps:

1. Tap Add **Observation**.
2. Choose a **Case**.
3. Choose an **Action** (optional?).
4. Type a **Description**.
5. If one or more photos support the observation, either upload a photo* or select “Yes” indicating photos are available elsewhere (including that location in the Description).
6. Tap **Submit**.

*See *Submitting An Observation* for detailed instructions.

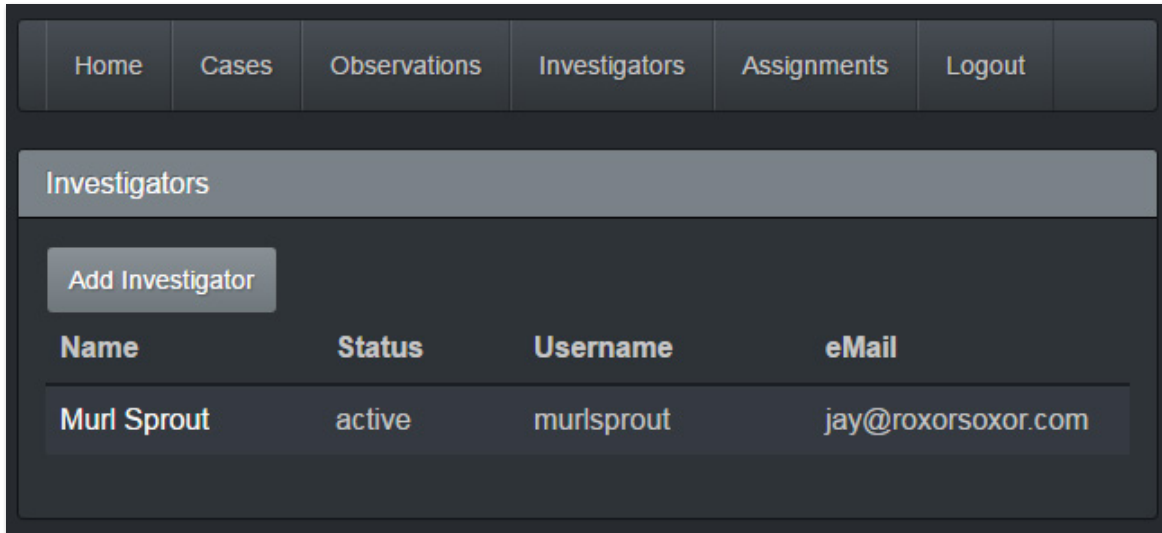
Navigation

User vs Admin

In the database, all users have a property called “Admin” and, by default, all new users (“Investigators”) are assigned a value of “False” for that property.

Only James’ “Admin” property = True. Administrator view (available to anyone else you’d like with Admin=True*), includes the Investigators and Assignments items as seen below.

Another difference is Investigators (“regular users”) only see cases assigned to them, regardless of whether they are on the Home page or the Cases page. The Administrator, however, sees all cases.



A navigation bar appears at the top when using Stakeout on a desktop or laptop.

Also, only an Administrator can:

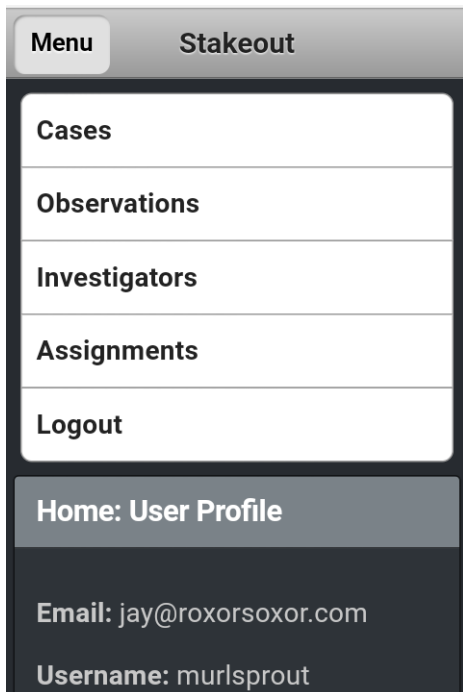
- Open new cases
- Close cases
- Add new investigators
- See a list of all investigators
- Assign cases to investigators
- See a list of all observations

*At present, I have to do this on the back end. This will, eventually, be a part of adding and editing investigators.

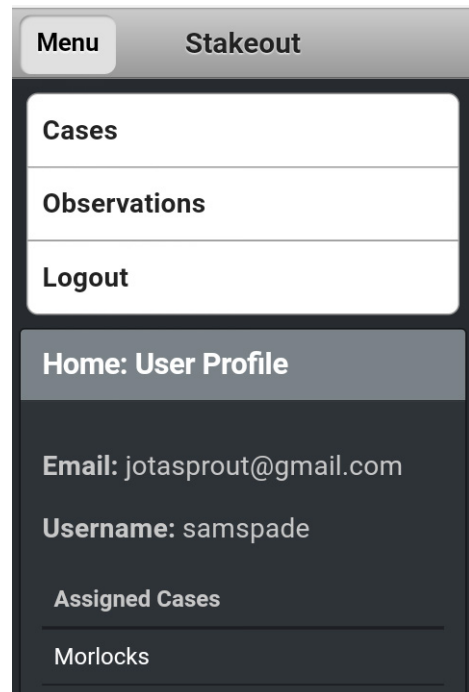
Using the Mobile Menu

Navigate to and from any area in the app using the menu.

Toggle the mobile menu open and closed by tapping the **Menu** button in the upper-left.



The menu in Admin view.

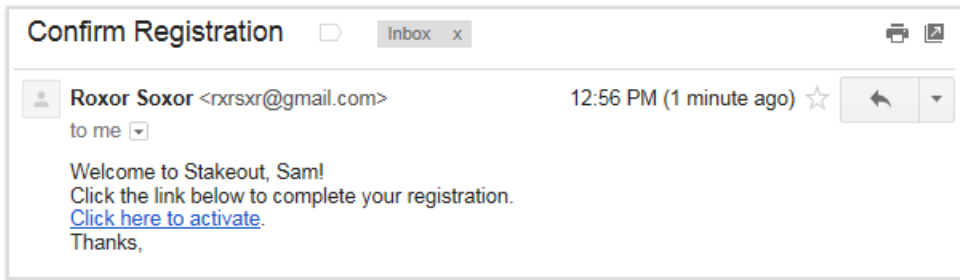


The menu in Investigator view.

Using Stakeout for the First Time

Verifying a New Account

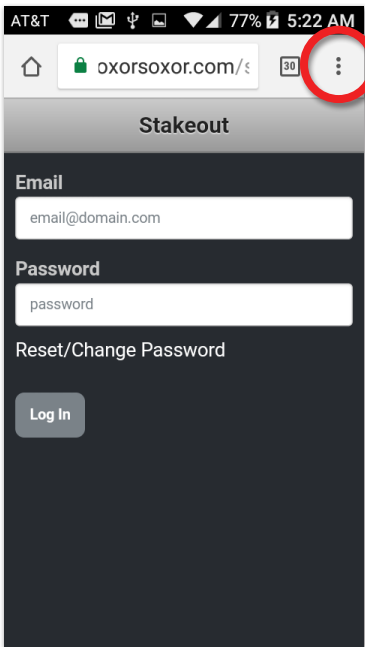
1. After an admin registers you for an account, you receive a confirmation email.



2. Click the “Click here to activate” link.
The Verification and Password Creation page opens, activating your account.
3. Type your password in each field and click **Submit**.

A screenshot of the 'Create Your Password' page in the Stakeout application. At the top is a navigation bar with links: 'Home', 'Cases', 'Observations', and 'Logout'. Below the navigation bar is a green banner that says 'Hello there, samspace!'. The main heading is 'Create Your Password'. Below this is another green banner that says 'Voila! Your account is now activated. So far, so good. Create a secure password.' with a close button (X). The form contains two input fields: 'Type your new password' and 'Type it again', both containing the text 'password'. A 'Submit' button is located at the bottom of the form.

*If you didn't screw it up, you're redirected to the **Login** page.*

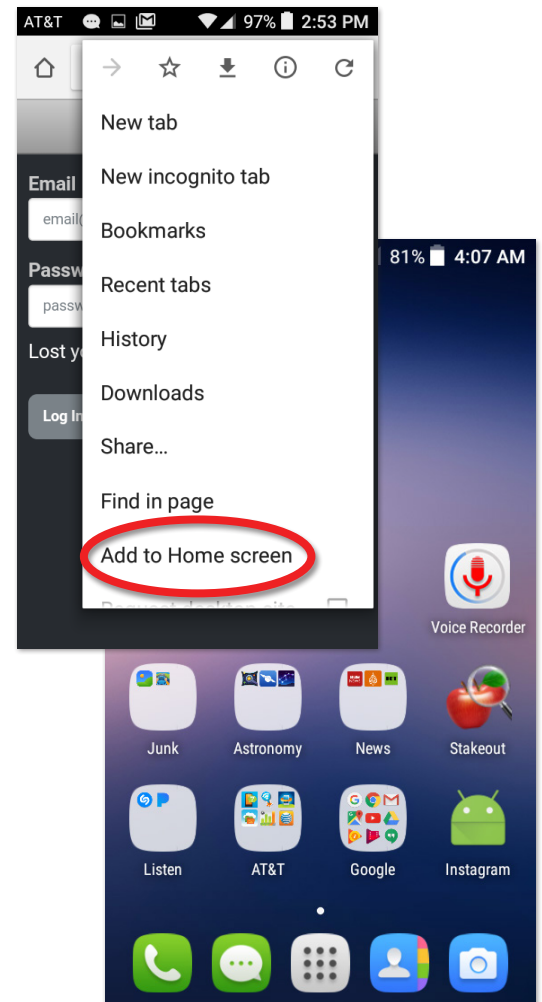


Saving the Stakeout Icon to the Home Screen of a Mobile Device

Your first arrival at the login page is a great time to save the Stakeout icon to your device's Home screen.

ANDROID

1. Tap the browser's menu button.
2. Tap **Add to Home screen**.



NOTE:

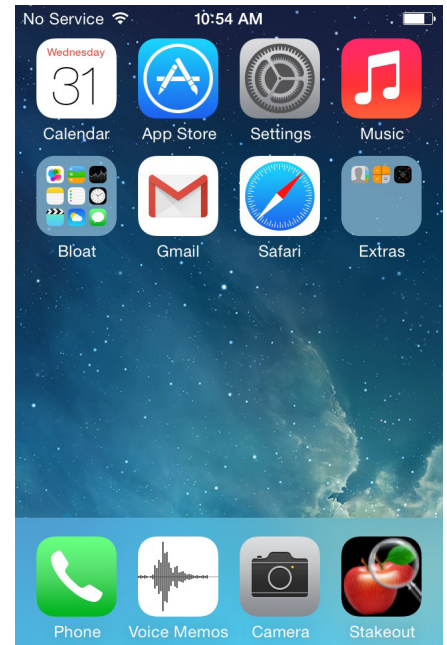
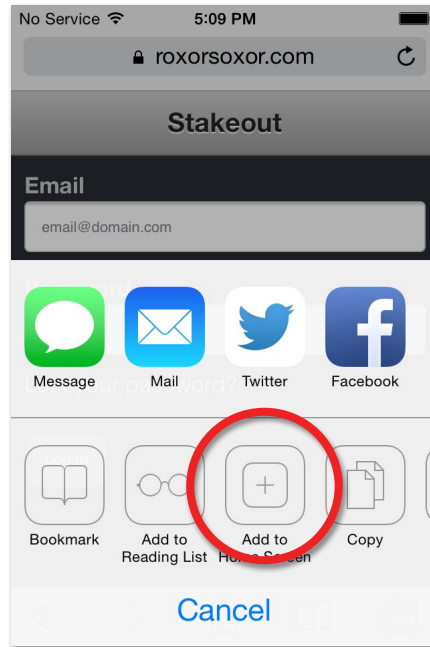
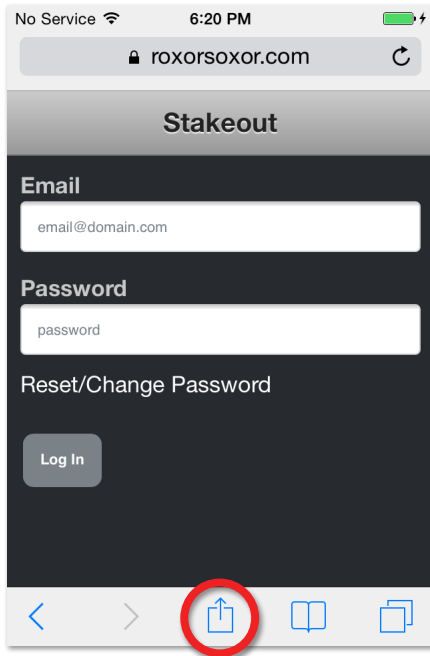
This feature doesn't appear to be available on a Kindle -- even when using **Add to Home Screen** in **Chrome**.

In the remote chance you can't save the icon to your device's home screen, you can still save the page in your browser's bookmarks or favorites.

Saving the Stakeout Icon to the Home Screen of a Mobile Device

iPHONE

1. Tap that utterly ambiguous symbol (square with the “up” arrow).
2. Tap **Add to Home Screen**.

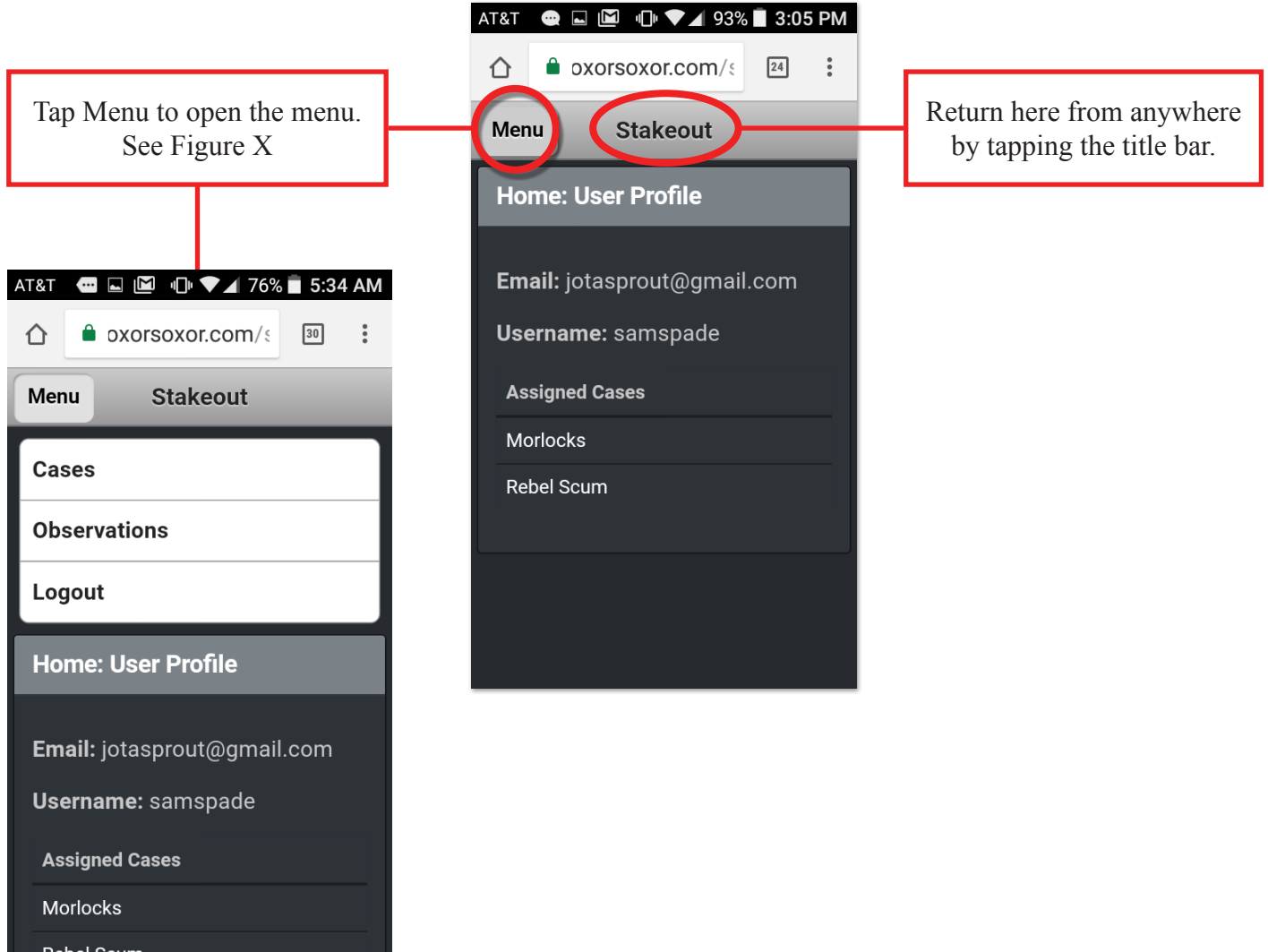


NOTE:

The ancient iPhone on which I tested (v4 using iOS 7.1.2) jumbled the layout on some pages. I plan to test on friends' iPhones and those at my local Apple Store.

Home page

The home page serves as your profile page and the hub through which you access cases.



Launching Stakeout

Either tap the Stakeout icon on your mobile device's home screen or open the following URL (be sure to use https, not http) in a browser:

https://www.roxorsoxor.com/stakeout/index_09.php

Logging In

1. Enter the email address used to register your account.
2. Enter your password.
3. Click **Log In**.

oxorsoxor.com/

Stakeout

Land of Forgotten Passwords

Enter the email address for your account. You'll receive a link to reset your password.

Email

Send Reset Email

AT&T 100% 5:42 PM

oxorsoxor.com/

Stakeout

Land of Forgotten Passwords

We've sent an email to jotasproust@gmail.com. Click the link in the email to reset your password.

Email

Send Reset Email

Changing Your Password

1. On the Login page, tap **Reset/Change Password**.
The Reset/Change Password page (see left) opens.
2. Enter the email address used to register your account.
3. Tap **Send Reset Email**.
An email (see below) is sent with a link to reset your password.
4. In the email, tap the "Click here to reset your password" link.
*The **Password Changing Station** (see bottom) opens in a browser.*
5. Enter your new password into both fields and tap **Make It So**.
*You are redirected to the **Login** page.*

Password Reset Inbox x

Roxor Soxor <[colorful icons]> 1:57 PM (1 minute ago) ☆

to me ▾

Hello [colorful icons]

Someone requested this email to reset your password. If it was you, click the link and reset your password. If it wasn't you, someone is up to no good.

[Click here to reset your password.](#)

Be safe.

Home Cases Observations Logout

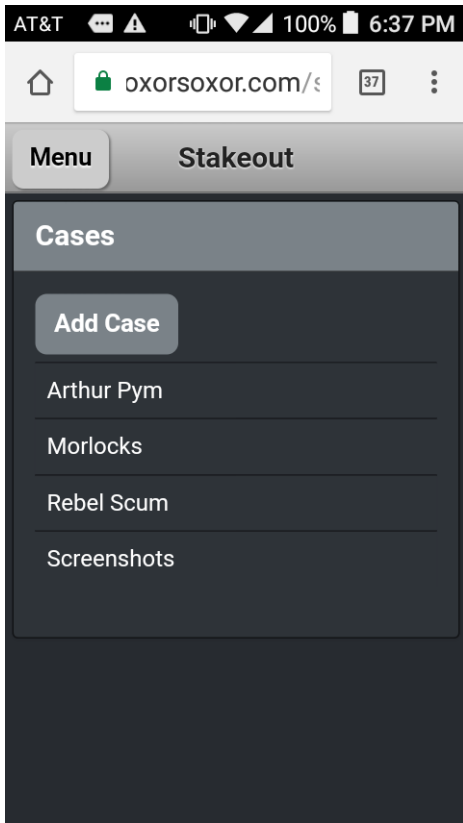
Hello there, samspade! So far, so good. Enter your new password.

Password Changing Station

Type your new password

Type it again

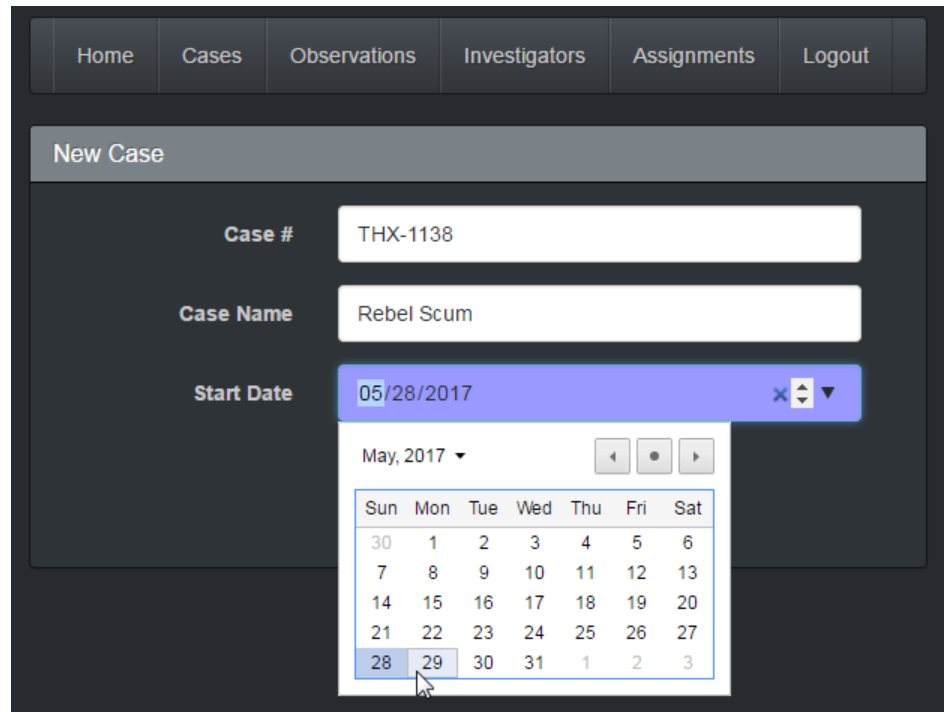
Make it so



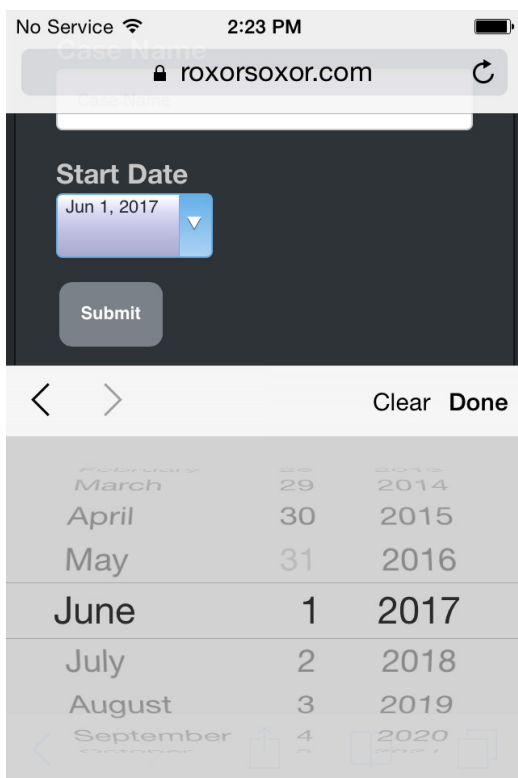
The Cases page in Android

Adding a New Case

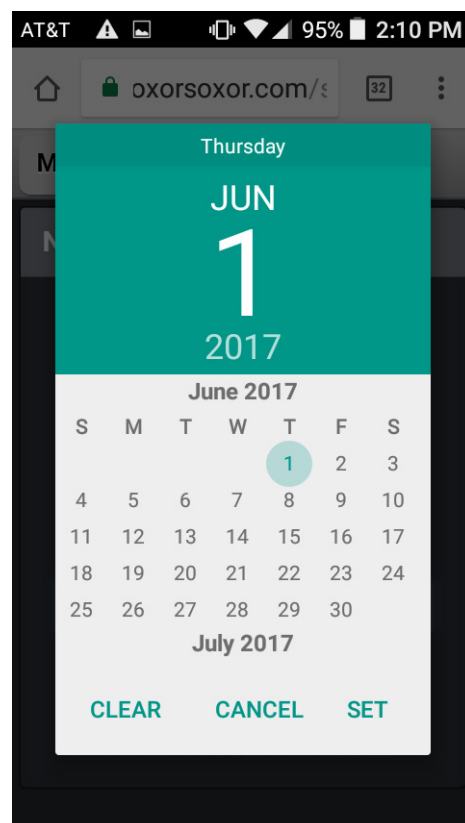
1. Click **Add Case** on the Cases page (see left).
The **New Case** page opens.
2. Enter the Number, Name, and Start Date and tap **Open Case**.



Opening a New Case in a desktop browser.



*Setting the **Start Date** in iOS. Each spinner can be changed individually.*



*Setting the **Start Date** in Android*

Viewing a Case

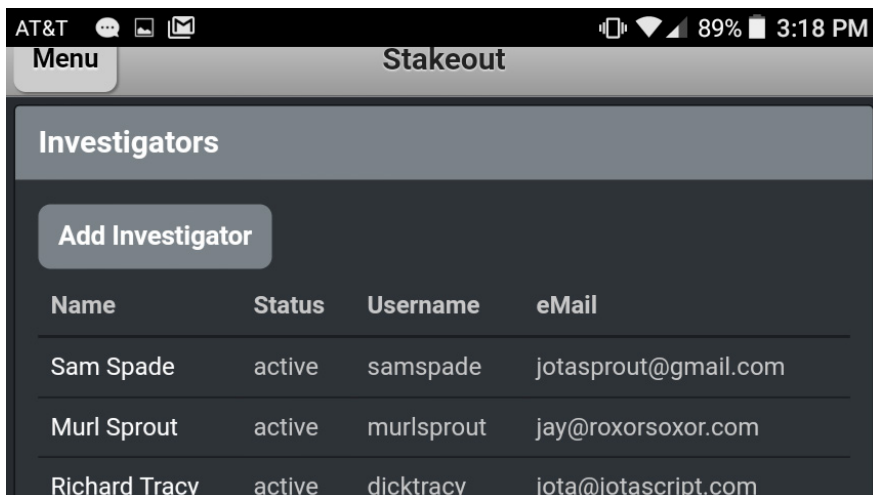
Either tap a case name on the home page under **Assigned Cases**, or

1. Tap **Menu** in the upper-left.
The app menu opens.
2. Tap **Cases**.
The Cases page lists all active cases assigned to you.

The screenshot shows a mobile application interface for managing a case. At the top, there's a status bar with 'AT&T', signal strength, Wi-Fi, 100% battery, and the time '4:46 PM'. Below the status bar are two tabs: 'Menu' (selected) and 'Stakeout'. The main section is titled 'Manage Case'. It contains several input fields: 'Case Number*' with the value 'THX-1138', 'Case Name*' with the value 'Rebel Scum', 'Start Date*' with a dropdown menu showing '05/28/2017', and 'End Date' with an empty dropdown menu. Below these is a 'Delivery Date' dropdown menu. An 'Update Case' button is located below the 'Delivery Date' field. Underneath is a section titled 'Assigned Investigators' which lists 'Sam Spade' and 'Richard Tracy'. At the bottom, there is a table with three columns: 'Investigator', 'Observation', and 'Date'.

Investigator	Observation	Date
Spade	Disguised as stormtrooper to rescue the princess.	05-30-17

Adding a New Investigator/User



On mobile devices, Investigators is best viewed in “landscape.”

1. Click **Add Investigator** on the Investigators page (below).
The **New Investigator** page opens.
2. Enter the First Name, Last Name, a unique username, and unique email.
***I highly recommend**, for security purposes, you create @appleinvestigations.com email addresses for your users as they are less likely to be compromised than personal accounts.*
3. Tap **Add Investigator**.

A screenshot of the Stakeout app interface on a mobile device, showing the 'New Investigator' form. The top status bar shows AT&T, signal strength, 100% battery, and 5:36 PM. The app has a 'Menu' button and a 'Stakeout' title. Below the title is a section titled 'New Investigator'. Inside this section are four input fields: 'First Name', 'Last Name', 'Username', and 'Email'. Each field has a placeholder text. Below the 'Email' field is a button labeled 'Add Investigator'.

First Name
First Name

Last Name
Last Name

Username
username

Email
you@domain.com

Add Investigator

Editing an Investigator

At present, only the administrator can update an Investigator's information.

1. Tap an Investigator's **Name** on the **Investigators** page.
*The **Manage Investigator** page opens.*
2. Make any changes and tap **Update**.

NOTE:

For security purposes, ease of administration by team leader (James), and data integrity, the username should never be changed. ASAP, I'll make it impossible to try.

NOTE:

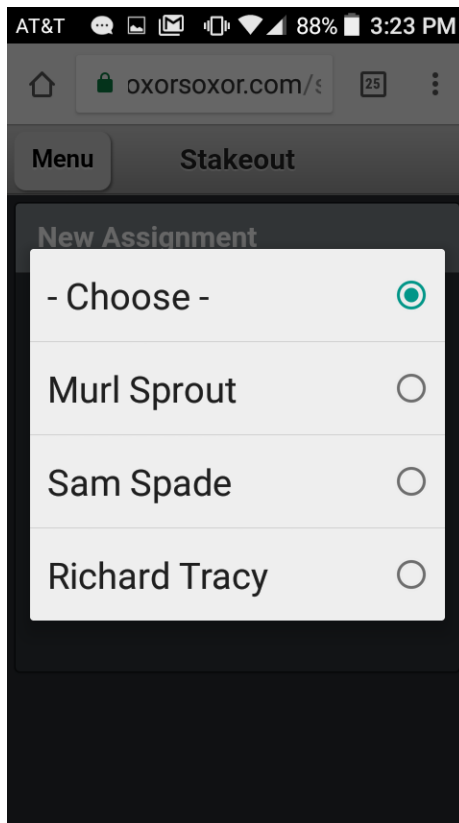
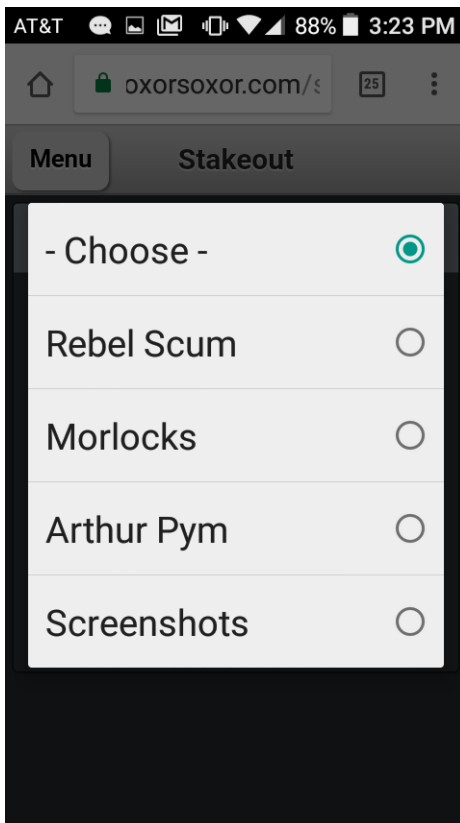
At the moment, it would let you try but I don't think it would work.

The screenshot shows a mobile application interface for managing an investigator. At the top, a status bar displays 'AT&T', signal strength, Wi-Fi, battery at 89%, and time 3:18 PM. Below this is a header bar titled 'Manage Investigator'. The form contains four input fields: 'First Name' with the value 'Sam', 'Last Name' with 'Spade', 'Username' with 'samspade', and 'eMail' with 'jotasprout@gmail.com'. An 'Update' button is positioned below the email field. At the bottom, there is a section titled 'Assigned Cases' with a list item 'Morlocks'.

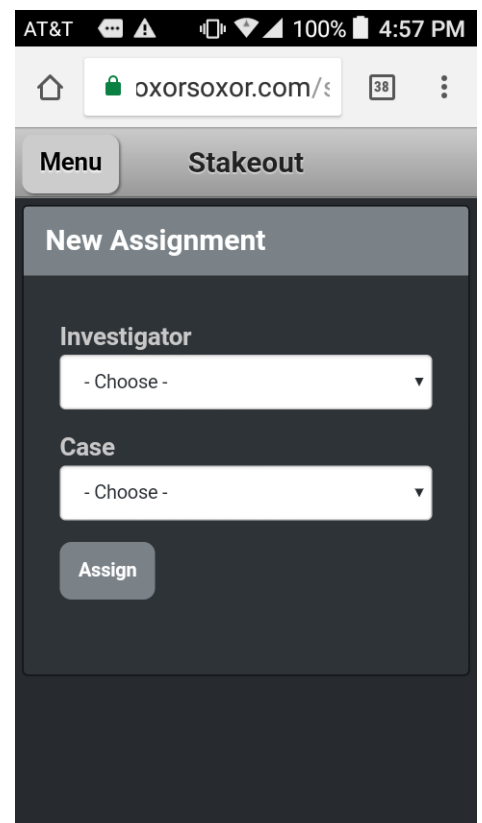
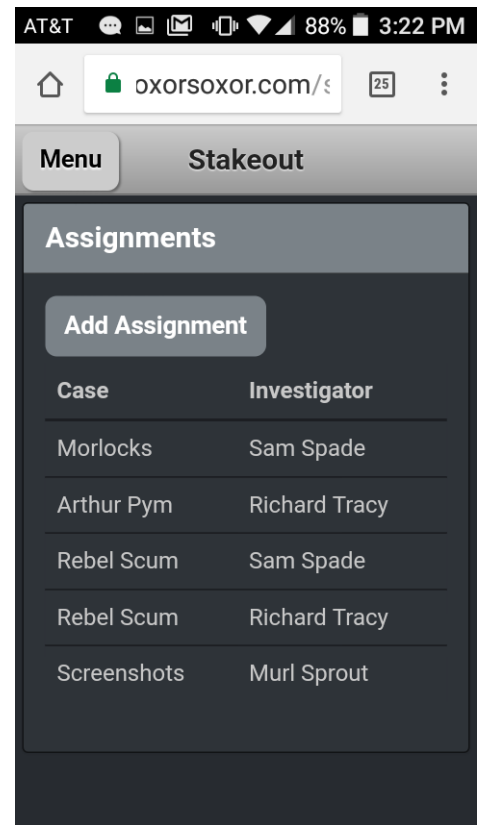
Manage Investigator	
First Name	Sam
Last Name	Spade
Username	samspade
eMail	jotasprout@gmail.com
<button>Update</button>	
Assigned Cases	
Morlocks	

Assigning a Case to an Investigator

1. Tap **Add Assignment** on the **Assignments** page (right).
2. Choose an **Investigator** from the **Investigator** menu (below).
3. Choose a **Case** from the **Case** menu (below).
4. Tap **Assign** (bottom).

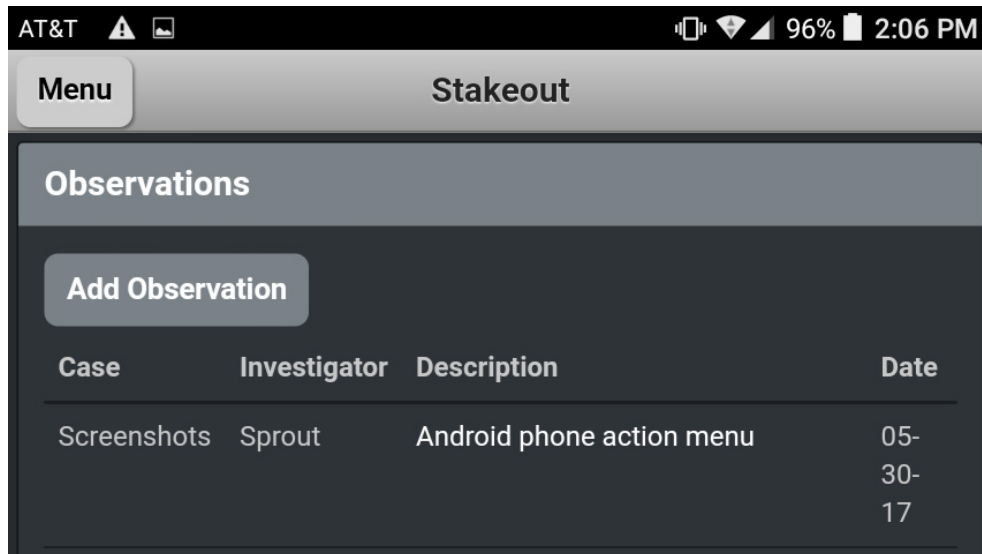


*Case and Investigator menus in Android.
These menus are “spinners” in iOS.*



Observations

Dates and Times are automatically captured when observations are submitted. Dates and times are displayed in the America/New York time zone.



On mobile devices, Observations is best viewed in “landscape.”

NOTE:

Still tweaking the design of observations both here and on the Manage Case page. Your feedback will be invaluable.

AT&T 95% 2:09 PM

Menu Stakeout

New Observation

Case
- Choose -

Action
- Choose -

Description
Observation

Photo(s) Taken
☐ Yes ☐ No

Photo
Choose File No file chosen

Adding a New Observation

1. Tap **Add Observation** in the Observations section of a case page or at the top of the Observations page.
*The **New Observation** page opens.*
2. Choose a case from the **Case** menu.
Only currently active cases assigned to you appear. Menus appearance varies across devices.
3. Choose an Action from the **Action** menu.
4. Type a meaningful **Description** of your observation, the image you're uploading, or the location of supporting, supplementary images.
5. If you've taken multiple photos that are not being uploaded with this Observation, select **Yes** under **Photo(s) Taken** so your team leader knows they are available. If there are no related photos available (or you're uploading a single image with this observation), leave **No** selected.
6. Tap **Submit**.

AT&T 93% 3:03 PM

oxorsoxor.com/

Case
Screenshots

Action
Social Media

Observation
Android phone action menu

Photo(s) Taken
☐ Yes ☐ No

Choose an action

- Camera
- Documents

Selecting a Photo in Android.

No Service 5:11 PM

roxorsoxor.com

Case
Screenshots

Action
Pretext Contact

Observation
Observation

Photo(s) Taken
☐ Yes ☐ No

Photo
Take Photo
Choose Existing
Cancel

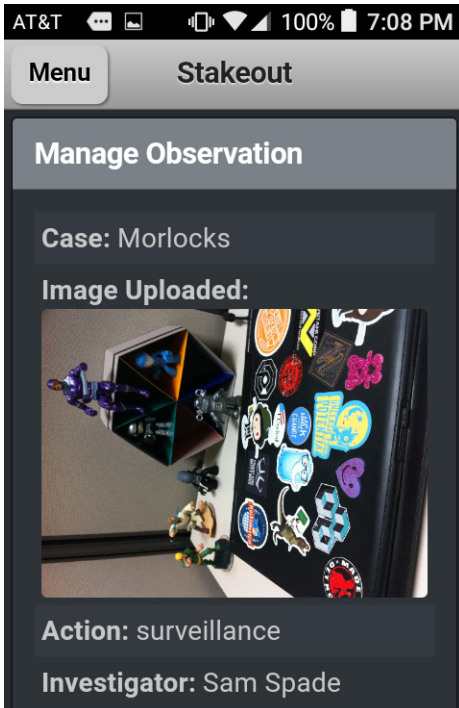
Selecting a Photo in iOS.

NOTE:

The Kindle Fire on which I tested would only let me upload existing images. It wouldn't let me use the camera.

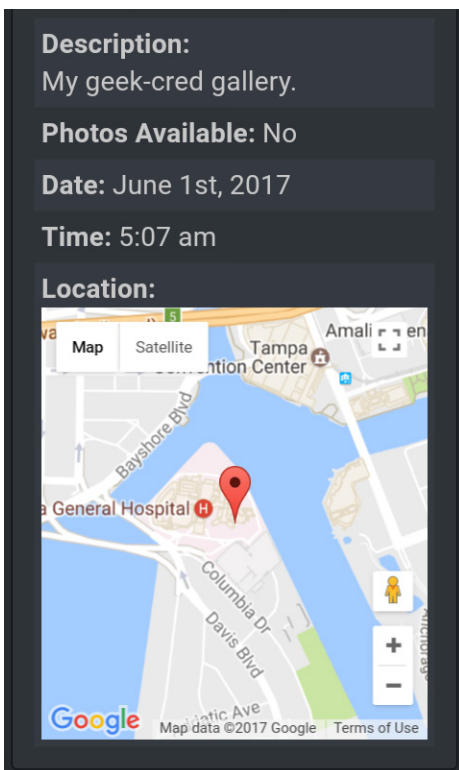
NOTE:

Page needs updating to reflect ability to upload and record audio!



Viewing an Observation

1. Tap the **Description** text.
*The **Observation** page opens.*
2. Tapping an uploaded image opens it in full size.
3. Return to the observation page from viewing a full-size image by tapping the back button.
 - **iOS:** Tap the browser's back button (below)
 - **Android:** Press the device's back button



NOTE:

GPS coordinates for observations submitted using a desktop computer may not be accurate. Geolocation may be based on the local network, not the specific machine. Having said that, if the machine is using WiFi instead of, for example, an ethernet cable, geolocation is more precise.

Future Development

- Export in PDF
- Security
 - Brute Force prevention
 - Further injection prevention
 - Further encryption
 - Redirect gators if attempt to use direct URL to admin pages
- Investigators
 - Deactivating
 - Sorting
 - Filtering
- Cases
 - View all (including inactive)
 - Filter by investigator
 - Image Gallery in Manage Case
 - Map of locations in Manage Case
- Assignments
 - Unassign
- Observations
 - Filter/Sort by Investigator, Case
 - Default to current date
 - Delete images
 - Email list to Admin
 - Gallery of images
 - Download of images and text
 - Email text to Admin (with automate option)

- Database
 - Cascading on update/delete
 - Make deleting possible
- Refine Observation class
- More components/external files
- Auto scroll-up
- Apply Gator class to existing “connect” and “landfill” queries
- More feedback to user
 - Current feedback integrated more pretty