

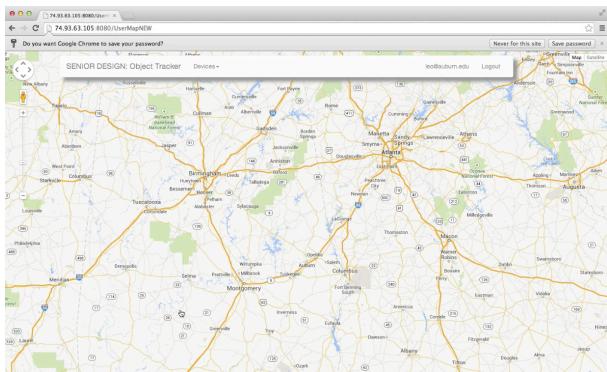
The home page accessing our site.

A screenshot of a web browser showing the home page of "SENIOR DESIGN: Object Location Device". It features two main forms: a "Sign Up" form on the left and a "Login" form on the right. The "Sign Up" form includes fields for First Name, Last Name, Email address, Phone Number, Desired Password, and Confirm Password, with a "Sign Up!" button below. The "Login" form has fields for Email address and Password, a "Remember me" checkbox, and a "Login" button.

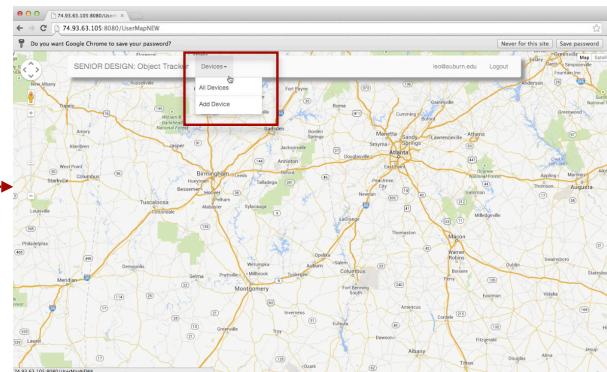
User Fills out the sign up form with error checking notifications.

A screenshot of the same web browser after the user has filled out the "Sign Up" form. A red box highlights the "Password" field, which now contains "LeoReyes" and "wooldburn.edu" (the latter being a placeholder). Below the field, a red border surrounds the "Sign Up!" button. A status message at the bottom of the form reads "Password Strength: (Good (use uppercase, lowercase and numbers))".

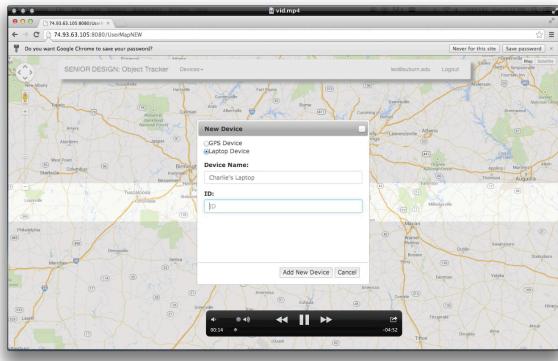
The user is directed to their account's home page.



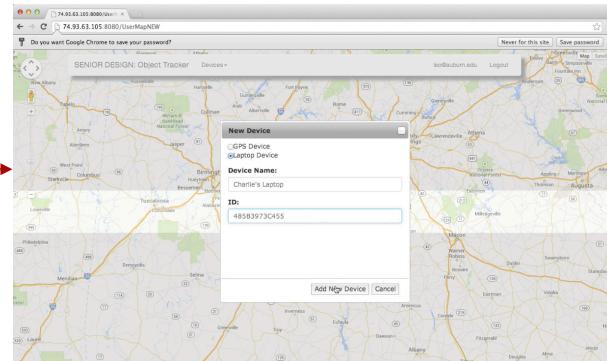
The user has no devices registered to their account.



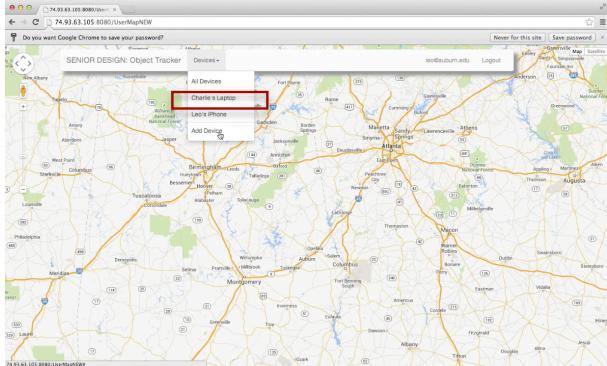
The user clicks to add a new device.



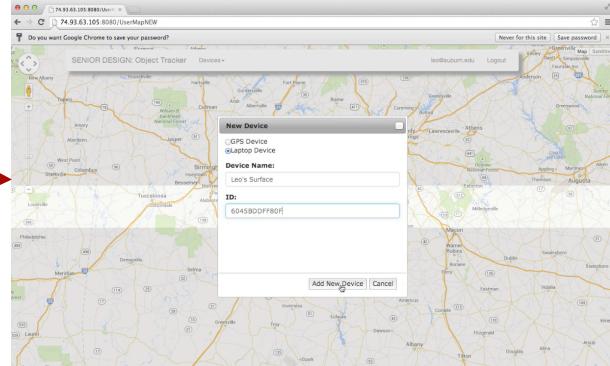
The user adds a laptop device to their account.



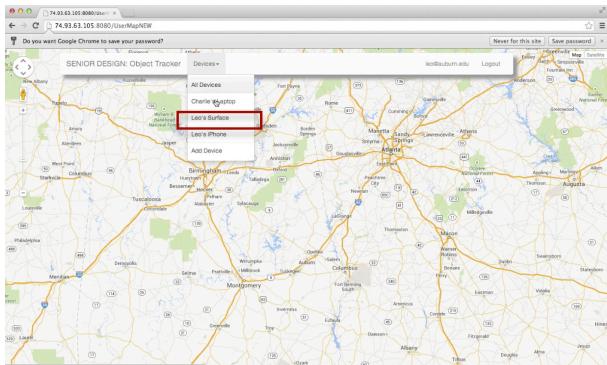
The new device shows up on the dropdown, and the user selects to add another device.



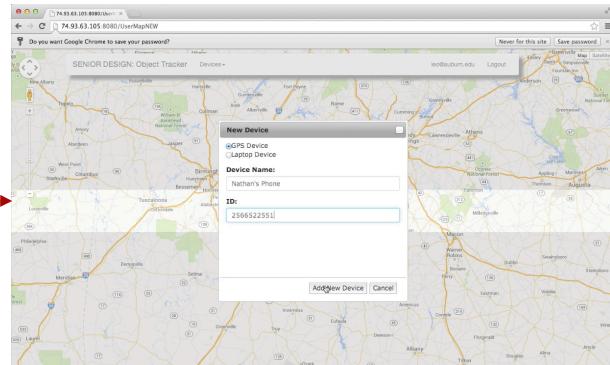
The user adds a new laptop device.



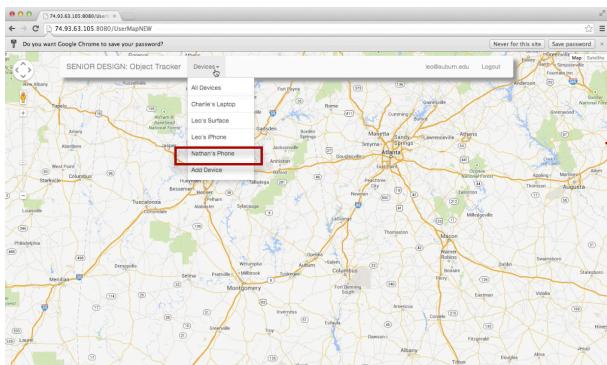
The new laptop device shows up on the user's dropdown, and the user selects to add another device.



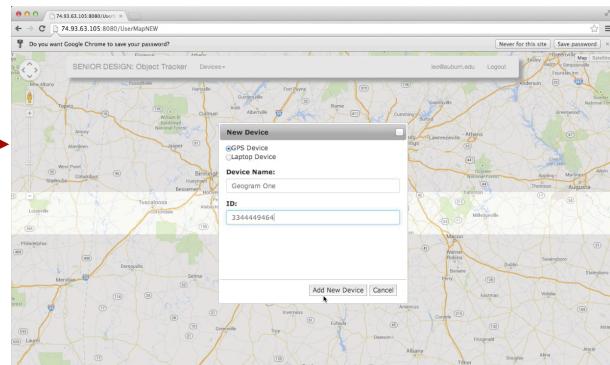
The user adds a new GPS Device.



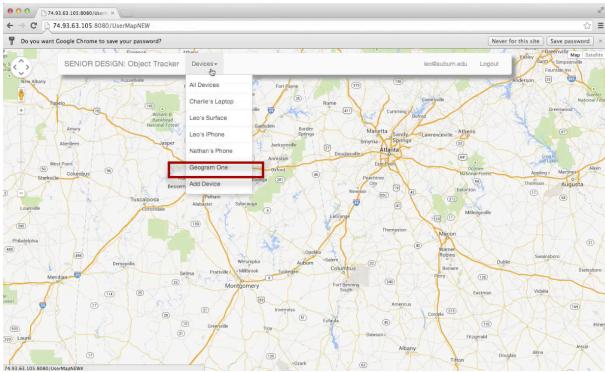
The new GPS device shows up on the user's dropdown, and the user selects to add another device.



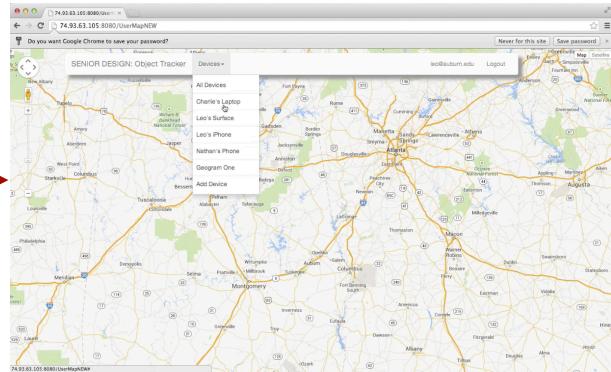
The user adds a new GPS Device.



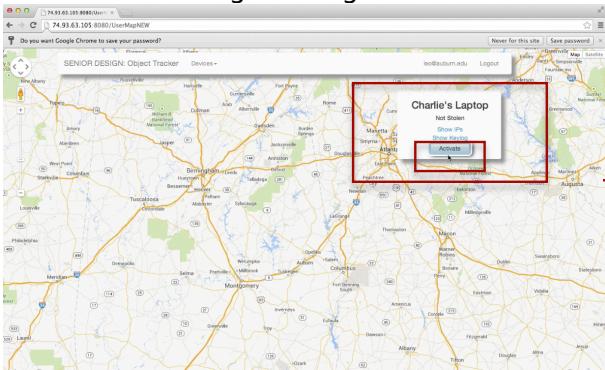
The new GPS device shows up on the user's dropdown.



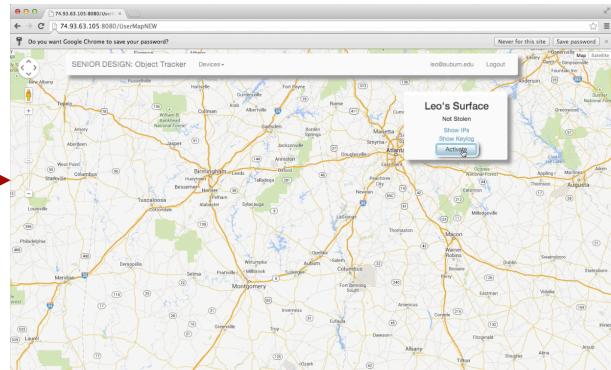
The user selects to view his device labeled "Charlie's Laptop".



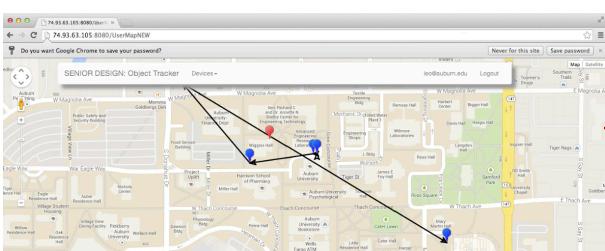
Options for "Charlie's Laptop" appear in the upper right hand corner, and the user selects "Activate" to begin tracking the device.



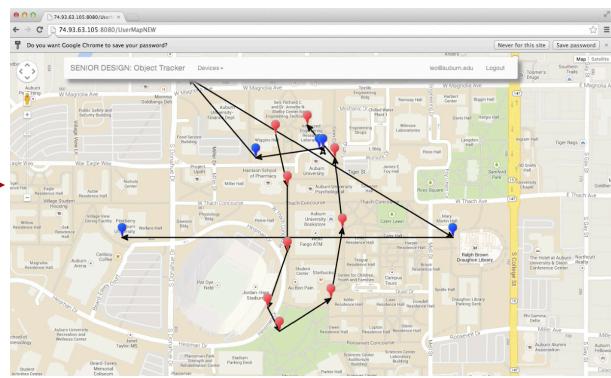
The user selects to activate "Leo's Surface" to begin tracking the device.



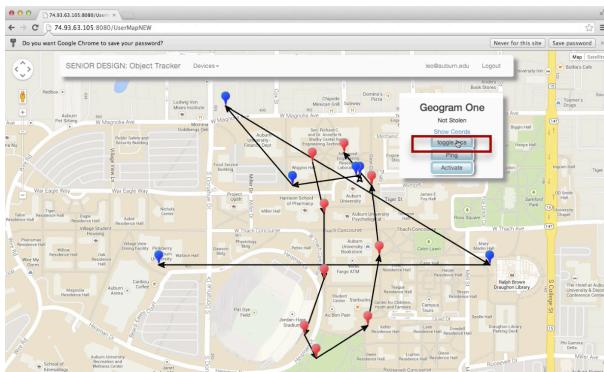
Different colored markers appear on the map representing the tracked routes of the two different devices. (Not the devices activated above.)



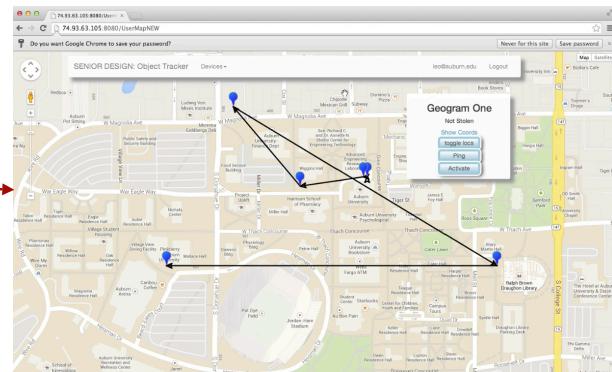
Over time more coordinates come in.



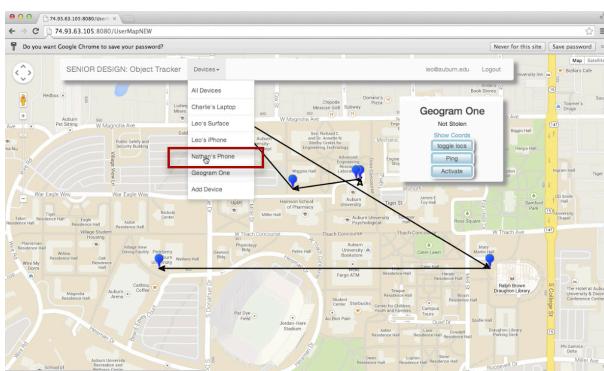
The user selects to toggle locations.



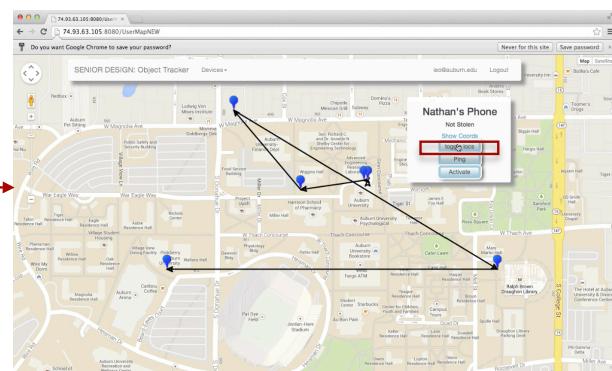
This hides the devices route on the map.



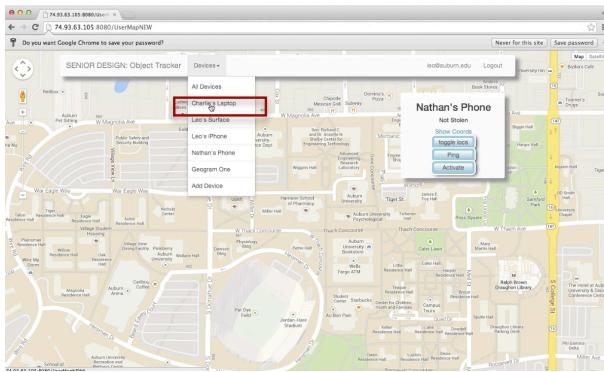
The user selects to view "Nathan's Phone".



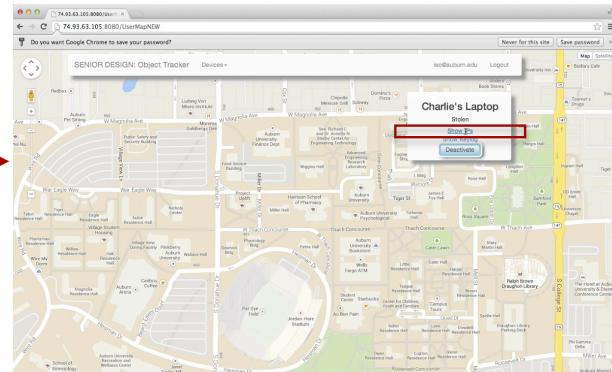
The user selects to toggle locations.



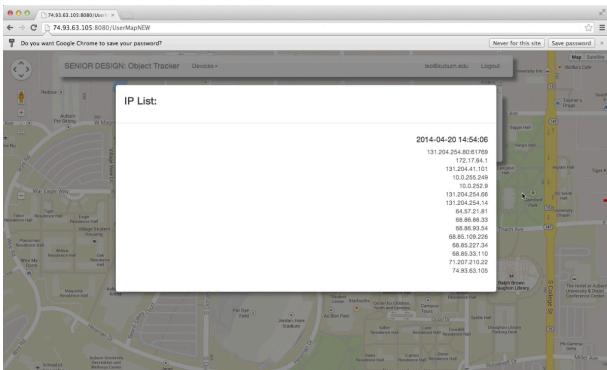
This hides the devices route on the map. Next the user selects "Charlie's Laptop" from the dropdown menu.



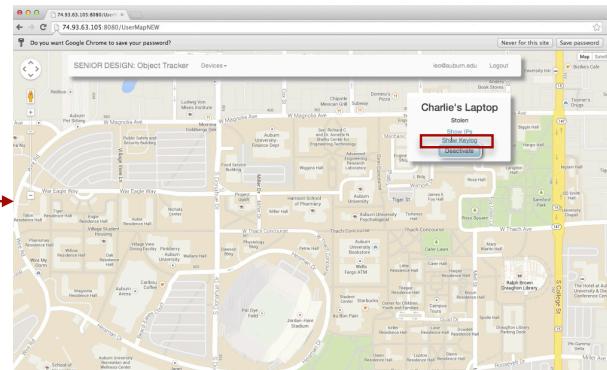
The user selects to "Show IPs" for "Charlie's Laptop".



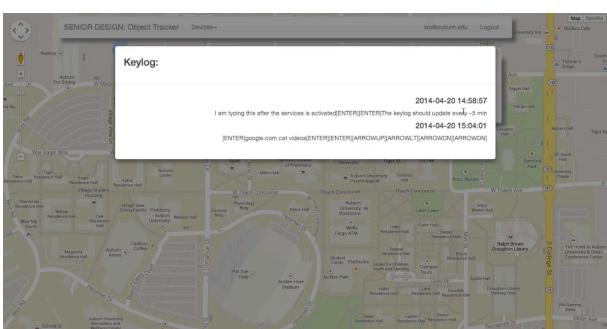
The list of IPs is displayed over the screen.



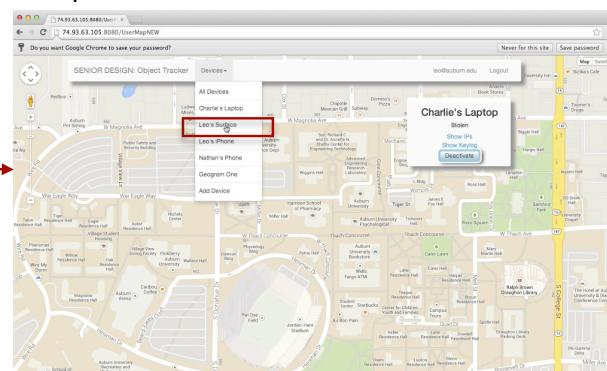
The user selects to “Show Keylog” for “Charlie’s Laptop”.



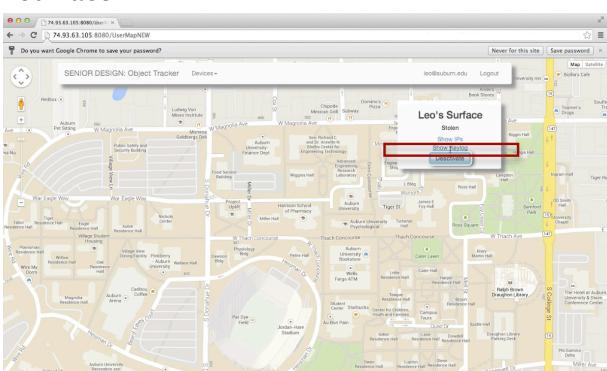
The keylog is displayed over the screen.



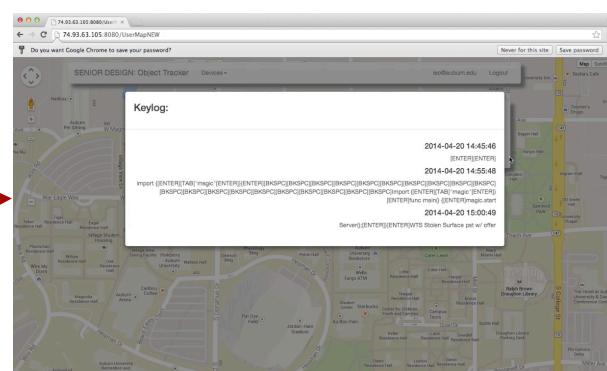
The user selects “Leo’s Surface” from the dropdown menu.



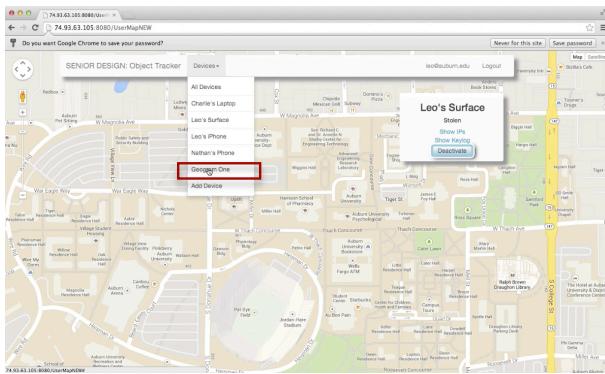
The user selects to “Show Keylog” for “Leo’s Surface”.



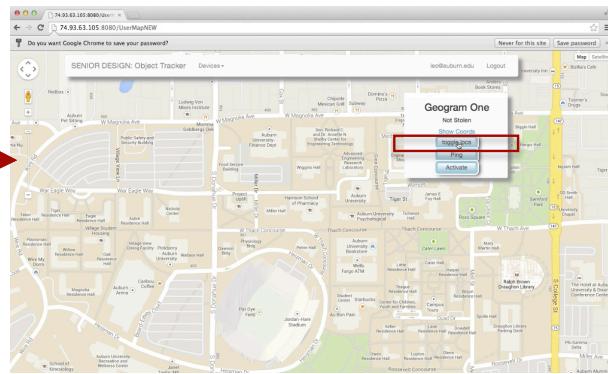
The keylog is displayed over the screen.



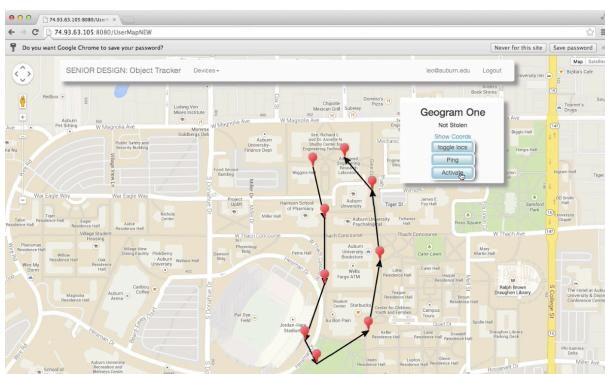
The user selects “Geogram One” from the dropdown menu.



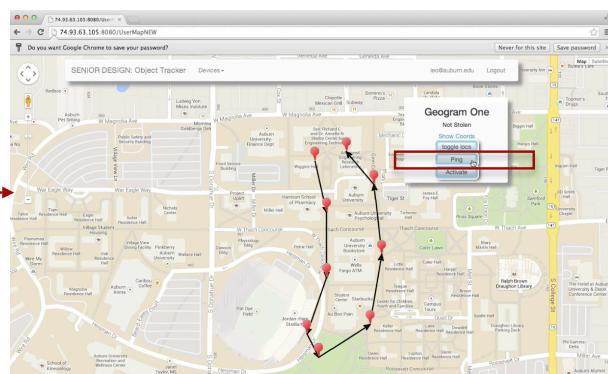
The user selects to toggle locations.



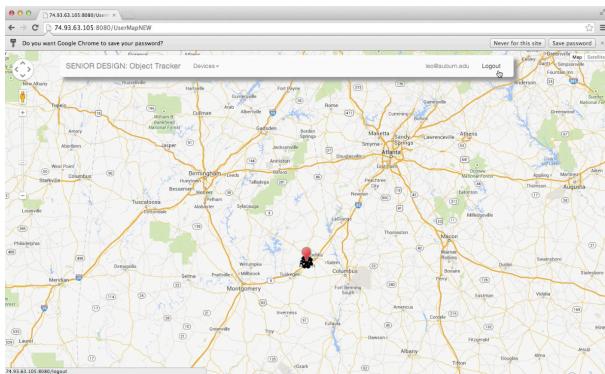
This shows the device’s previously hidden route on the map.



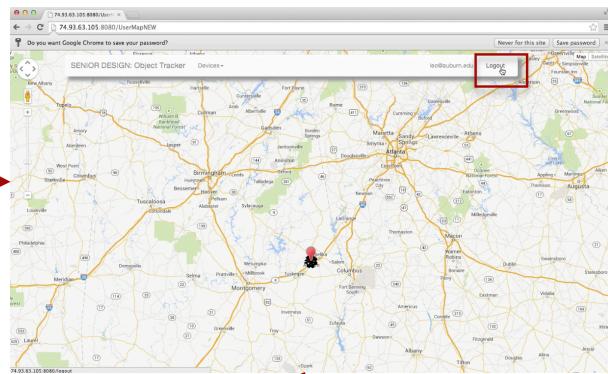
The user selects to “Ping” the “Geogram One”.



This displays the “Geogram One”s current location.



The user selects to “Logout” of the system.



After logging out the user is brought back to the home page.

The screenshot shows a web browser window with the URL '74.93.63.105:8080/home'. The page title is 'SENIOR DESIGN' and the subtext is 'Object Location Device'. There are two main sections: 'Sign Up' and 'Login'. The 'Sign Up' section contains fields for First Name, Last Name, Email address, Phone Number, Desired Password, and Confirm Password, with a 'Sign Up!' button. The 'Login' section contains fields for Email address and Password, a 'Remember me' checkbox, and a 'Login' button.

While there is no user logged in, the home page is the only page the user should be able to access.

The screenshot shows a web browser window with the URL '74.93.63.105:8080/home'. The page title is 'SENIOR DESIGN' and the subtext is 'Object Location Device'. There are two main sections: 'Sign Up' and 'Login'. The 'Sign Up' section contains fields for First Name, Last Name, Email address, Phone Number, Desired Password, and Confirm Password, with a 'Sign Up!' button. The 'Login' section contains fields for Email address and Password, a 'Remember me' checkbox, and a 'Login' button.

Sign Up

First Name
Last Name
Email address
Phone Number
Desired Password
Confirm Password

Sign Up!

Login

Email address
Password

Remember me

Login

Sign Up

First Name
Last Name
Email address
Phone Number
Desired Password
Confirm Password

Sign Up!

Login

Email address
Password

Remember me

Login

The user tries to access "UserMapNEW" page.

The screenshot shows a web browser window with the URL '74.93.63.105:8080/UserMapNEW'. The navigation bar shows several links: '74.93.63.105:8080/User', '74.93.63.105:8080/UserMapNEW' (which is highlighted in blue), '74.93.63.105:8080/User - Google Search', and '74.93.63.105:8080/User - New Tab'. The page content below the navigation bar is mostly blank.

The user tries to access "UserMapNEW" page.

The screenshot shows a web browser window with the URL '74.93.63.105:8080/UserMapNEW'. The page title is 'SENIOR DESIGN' and the subtext is 'Object Location Device'. There are two main sections: 'Sign Up' and 'Login'. The 'Sign Up' section contains fields for First Name, Last Name, Email address, Phone Number, Desired Password, and Confirm Password, with a 'Sign Up!' button. The 'Login' section contains fields for Email address and Password, a 'Remember me' checkbox, and a 'Login' button.

Sign Up

First Name
Last Name
Email address
Phone Number
Desired Password
Confirm Password

Sign Up!

Login

Email address
Password

Remember me

Login

Sign Up

First Name
Last Name
Email address
Phone Number
Desired Password
Confirm Password

Sign Up!

Login

Email address
Password

Remember me

Login

The user is redirected back to the home page.

The screenshot shows a web browser window with the URL '74.93.63.105:8080/home'. The page title is 'SENIOR DESIGN' and the subtext is 'Object Location Device'. There are two main sections: 'Sign Up' and 'Login'. The 'Sign Up' section contains fields for First Name, Last Name, Email address, Phone Number, Desired Password, and Confirm Password, with a 'Sign Up!' button. The 'Login' section contains fields for Email address and Password, a 'Remember me' checkbox, and a 'Login' button.

The user logs in with the previously created credentials.

The screenshot shows a web browser window with the URL '74.93.63.105:8080/home'. The page title is 'SENIOR DESIGN' and the subtext is 'Object Location Device'. A red box highlights the 'Login' section. The 'Login' section contains fields for Email address and Password, a 'Remember me' checkbox, and a 'Login' button. The email field is populated with 'leob@ub.edu' and the password field is partially visible.

Sign Up

First Name
Last Name
Email address
Phone Number
Desired Password
Confirm Password

Sign Up!

Login

Email address
Password

Remember me

Login

Sign Up

First Name
Last Name
Email address
Phone Number
Desired Password
Confirm Password

Sign Up!

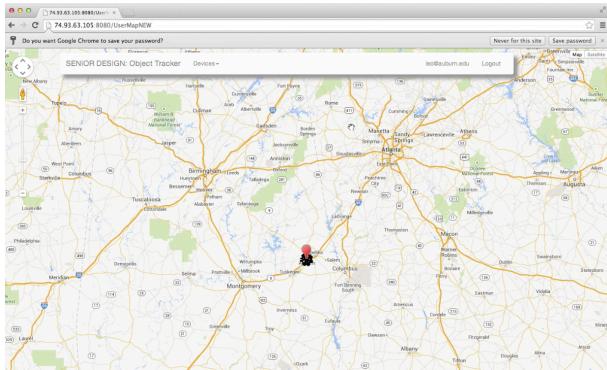
Login

leob@ub.edu
.....

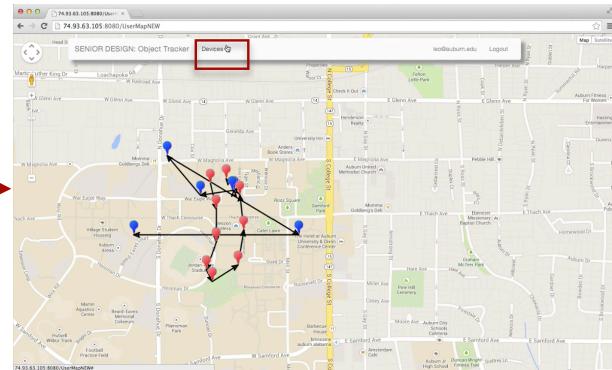
Remember me

Login

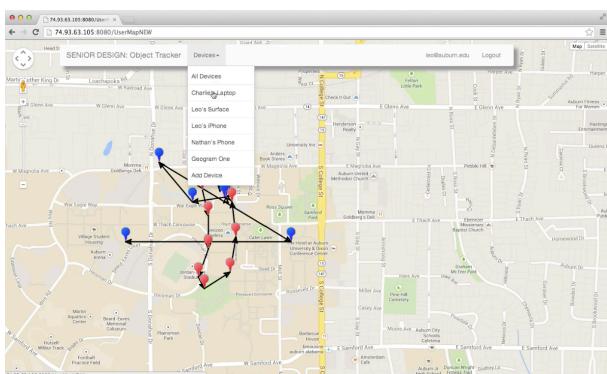
The user is returned to the page they logged out of.



The user zooms in to view tracked routes, and selects the devices dropdown.



All of the user's registered devices appear.



The user deactivates "Charlie's Laptop", and it quits tracking itself.

