


App Login Page

1. 

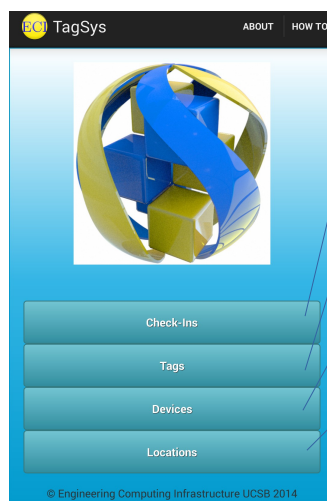
Your CoE Username

Your CoE Password

Tap here once you have entered the correct credentials

This authenticates you via the CoE LDAP system. Make sure you are connected to campus wireless or else this will not work!

App Home Page

2. 

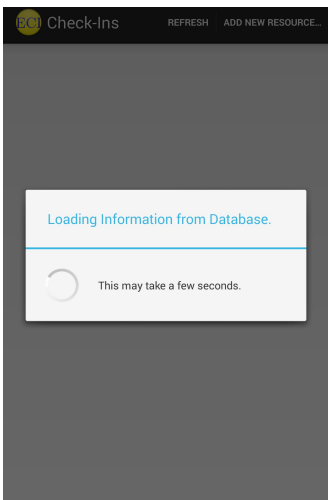
Go Here when going about the rounds (checking in)

Go here to check where/ what tags are available to "check-in" to

Go here to see what types of devices there are

All of the locations where tags are located

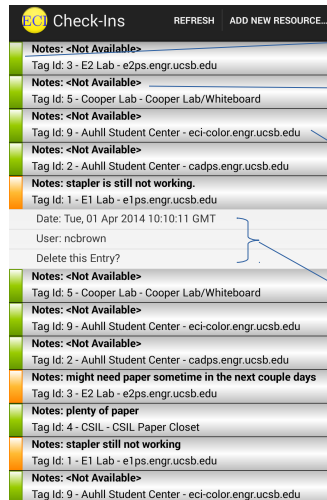
Loading Dialog

3. 

This dialog will show up while the app is retrieving data

Make sure you have an internet connection!

Check-In Page

4. 

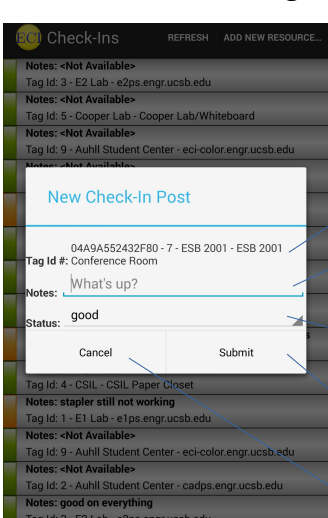
Status color: Green = good; Orange = warning, Red = bad

What was notable about this check

Which tag this check corresponds to (check Tags page for more info)

Date of check and user responsible. Deletion is possible, but not recommended.

Check-In Post Dialog

5. 

This appears when NFC is on and you have scanned a tag when the Check-In page is open

Scanned Tag info

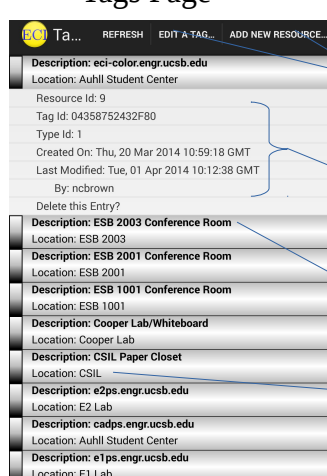
Enter info about what is notable for this check-in

Status of tag subject: good/ warning/ broke

Submit this check in to the database

Cancel this post sequence

Tags Page

6. 

To Add/Edit a tag, you must tap the correct option and have an NFC tag ready to write to

Various information about the tag & its subject

Short description of what this tag corresponds to

Where this tag is located

Initial Tag Write Dialog

7.

The screenshot shows the 'Initial Tag Write Dialog' with a list of resources on the left and a central dialog box. The dialog box has a blue header 'Touch tag to write' and a text area that says 'Place the NFC Tag you would like to write to on the back side of your device. (This text will change on successful read)'. At the bottom are 'Cancel' and 'I've got it!' buttons.

This dialog will show up when you select to either add or edit a tag

Upon successfully scanning a tag, this will be replaced with that tag's unique id in hexadecimal format. **Do not go on until this changes**

Final Tag Write Dialog

8.

The screenshot shows the 'Final Tag Write Dialog' with a list of resources on the left and a central dialog box. The dialog box has a blue header 'New Tag Post' and fields for 'Type Id #', 'Location', 'Description', and 'Tag Id'. At the bottom are 'Cancel' and 'Submit' buttons.

If the tag scanned is not already associated with an entry, this will show up. If you are editing, this will be populated with the info about the associated entry.

What type of device is this tag associated with?
Where is this tag?

What is the name?
i.e. e1ps.engr....

Submit or Cancel this post

Devices Page

9.

The screenshot shows the 'Devices' page with a list of device types: Computer, Room, Whiteboard, Paper Cabinet, and Printer. Each type has a frequency and a 'Delete this Entry?' link.

Tap here to add a new device type

Device Type

Frequency at which check-ins for this type of device should take place

What should be checked for when checking in

Delete or edit the information associated with this device

Device Post Dialog

10.

The screenshot shows the 'Device Post Dialog' with a list of device types on the left and a central dialog box. The dialog box has a blue header 'New Device Post' and fields for 'Type', 'Characteristics', and 'Required Frequency'. At the bottom are 'Cancel' and 'Submit' buttons.

This will pop up when you select "Add New Resource..."

Self-explanatory. Check info about devices page to see what should be posted here

Submit or Cancel this post

Locations Page

11.

The screenshot shows the 'Locations' page with a list of locations: ESB 2003, ESB 2001, ESB 1001, Cooper Lab, Auhll Student Center, E2 Lab, E1 Lab, and CSIL. Each location has an ID number and a 'Delete this Entry?' link.

This page is self explanatory. Add and remove various locations within the College of Engineering as needed

Location Post Dialog

12.

The screenshot shows the 'Location Post Dialog' with a list of locations on the left and a central dialog box. The dialog box has a blue header 'New Loc Post' and a 'Location' field. At the bottom are 'Cancel' and 'Submit' buttons.

Building/Room Number, etc.

UCSB College of Engineering NFC Tag System & Android App Guidelines

1. Make sure you have an NFC-enabled Android Device.
 - If you do not have one of these, ask for one of the ECI owned Nexus 7 tablets to make the rounds with. These are equipped with both the app and NFC capabilities.
2. If you are confused as to how the app works or how it is supposed to be used, ask Nick Brown. If he is not available, you may ask someone else who is proficient with using it. Also, check the page-by-page documentation for the app included in this document.
3. Do not hesitate to complain about the app! In order for it to be updated and optimized for use with the Help Desk staff, we must know what the problems are so that we can fix it.
 - Send all suggestions, comments, and complaints to ncbrown@engineering.ucsb.edu with the subject line “ECI TagSys App <suggestion/comment/complaint>”
 - These emails may not be responded to, but they will be monitored and taken into consideration for future updates to the app.
4. Know where all the tags are located. Whenever a new tag is added or a tag is moved, update the following list:
 - e1ps – underneath the printer attached to the shelf
 - CSIL Paper Cabinet – Inside on the wall
 - cadps – in the paper cabinet underneath on the top next to the door
 - eci-color – same location as cadps, except in the next cabinet.
 - Cooper Lab – on the left side inside the lectern by the keyboard
 - e2ps – underneath the printer table, look for it and you will find it
 - ESB 2003 – behind the handle of the windowed cabinet
5. Don't assume that someone else has done the rounds. Always check the app or the database after clocking in. If no one has gone out recently, go out and do it yourself. This is how we can make sure everything is running smoothly in the infrastructure.
6. Before you go out, make sure you have all the keys to get to places you need to check.
 - If you are checking in to the ESB conference rooms, make sure you have the master key from the Help Desk Office. If you do not know what this is, ask Carmen about it.
 - Always take the paper cabinet keys and the Cooper Lab key fob with you. These can also be found in the Help Desk office.
7. Before you sign in to the app and go out, make sure your device is connected to the campus wireless. The LDAP authentication will not work on any other data source.
8. Please be patient when scanning the tag. Sometimes it might take a while for your Android device to successfully scan the NFC tag.
9. Be thorough in your checks. Do not just do a quick look and assume everything is good. Make sure everything is in good condition and fix things if you can fix them. If you cannot, be sure to describe what is wrong in the notes field for your check-in.
10. Please be as clear and concise as possible when adding information.