FieldDay Mobile App Guide

Capstone Group 3

Spring 2020

Contents

Installation

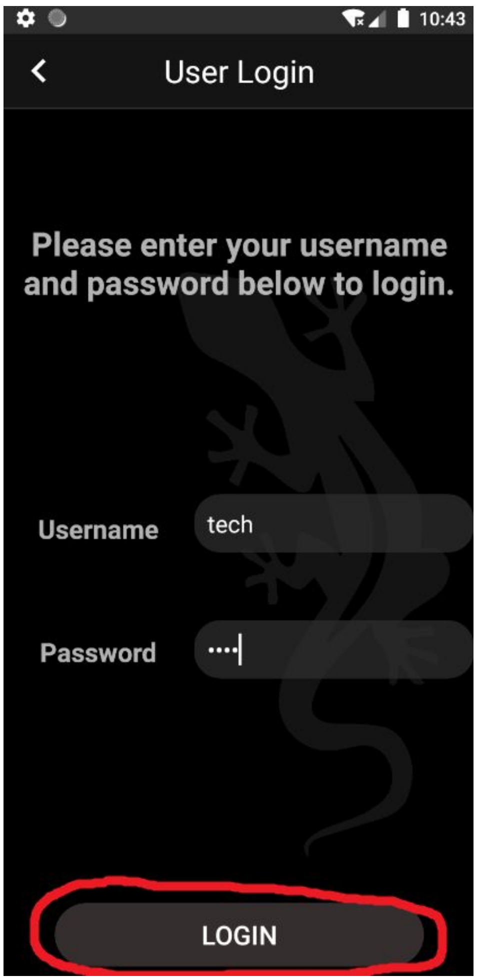
1. Uninstall any previous versions of FieldDay on your device.
2. Download the APK; it is best to do this by connecting your phone to the computer and saving the APK directly to your device.
3. Ensure that “install from unknown sources” is enabled.
    a. For older Android devices, go to Settings > Security and enable “Unknown Sources”
    b. For newer devices, go to Settings > Apps >
    Menu Button (three dots in the upper right corner) > Special access > Install unknown apps. Select “FieldDay” and enable “Allow from this source”
4. Locate the APK file in File Manager/My Files (depends on your device), under Internal Storage.
5. Tap the APK file to begin installation. If a dialog appears warning you about “Play Protect”, click “Install Anyway”.
6. Wait for the installation to finish, then tap “Open” to start the app.

Logging in and Syncing

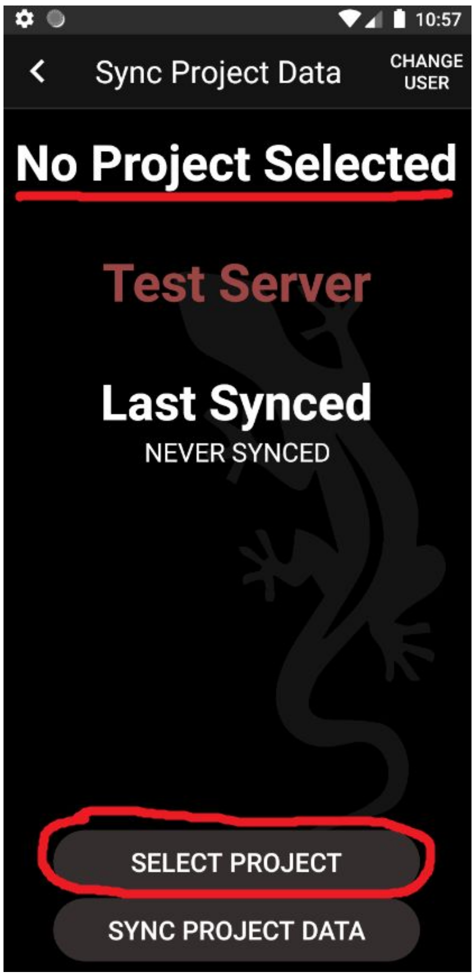
1. Open the application and tap the “Sync Data” button.

2. Screen will say “No Server Found”. At the bottom of the screen, press “Login”.

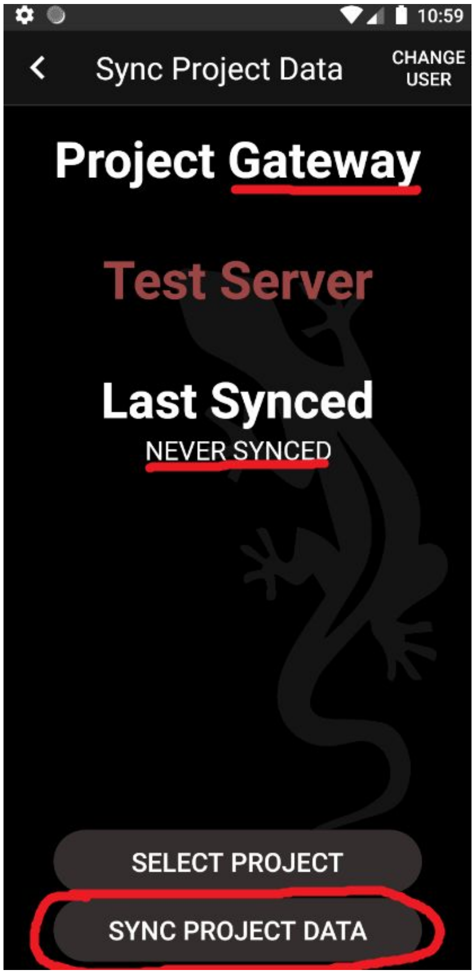
3. Enter your username and password, and press the “Login” button again.

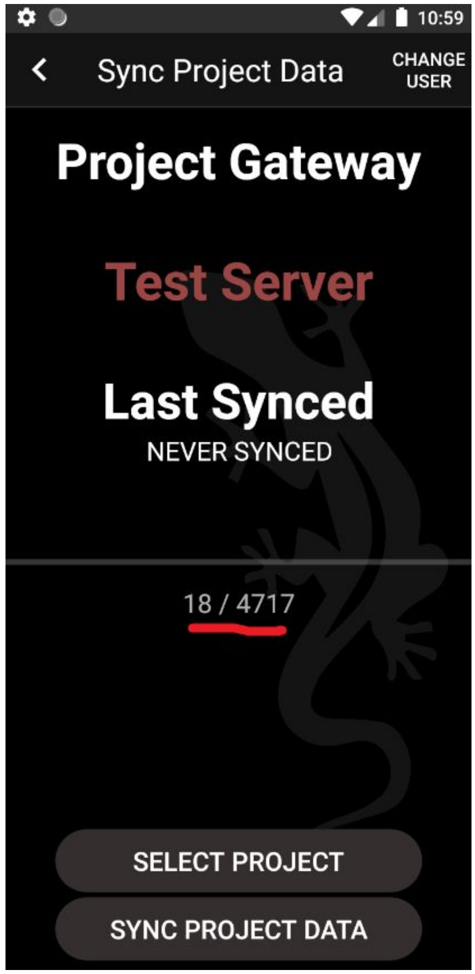


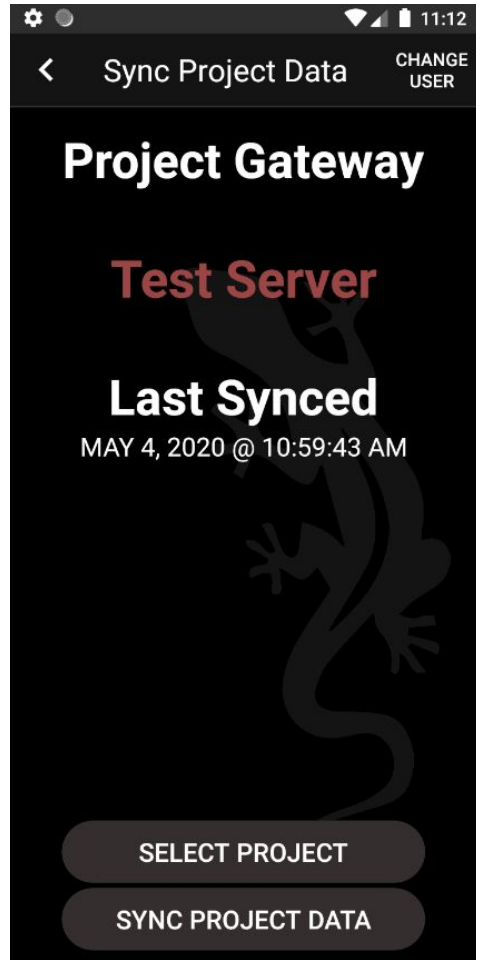
4. You should be returned to the main screen and see “No Project Selected.” If you are logged into the tech (development) account, you will also see the words “Test Server” indicating you are connected to the test database. Press “Select Project” and choose the project you will be working on.



5. The selected project name will now appear on the screen. Press “Sync Now” to sync the project data to your phone. Once the sync is complete, you can start collecting data.







6. If, at any point, you would like to log in as a different user, press the “change user” button in the upper-right corner and log in again.

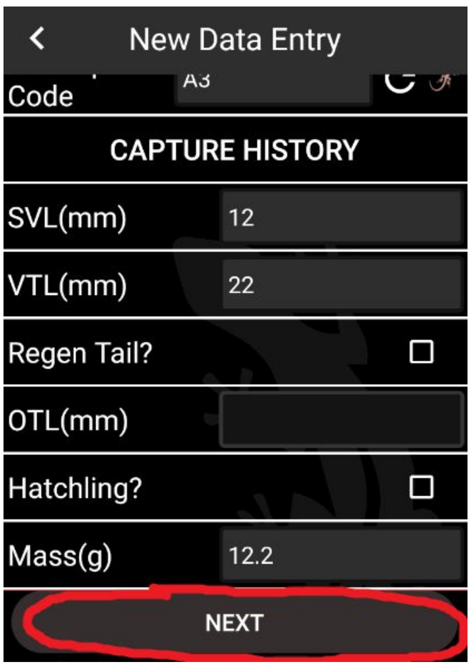
Collecting Data

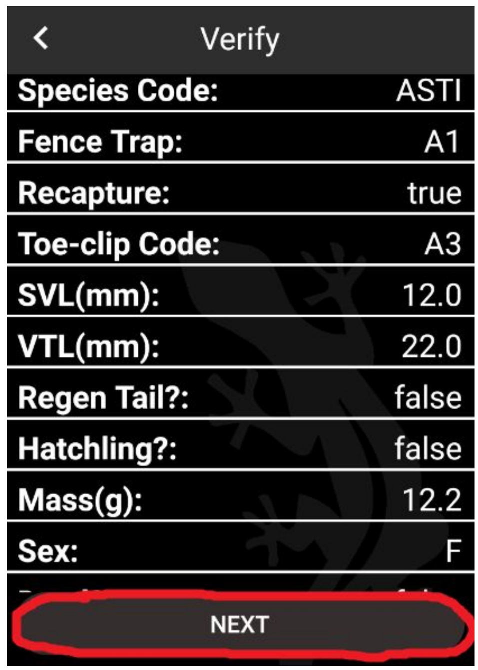
1. Tap the “Collect Data” button on the home screen.

2. Enter the details for the current session, then click “Next”.

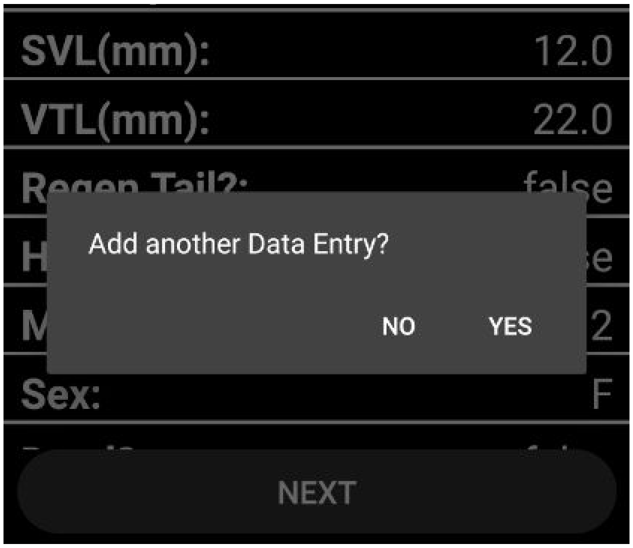
3. Choose the appropriate form, then click “Next”.

4. Once you have finished entering the information, click “next” to move to the verification screen. When you are done looking over your data, click “next” again.

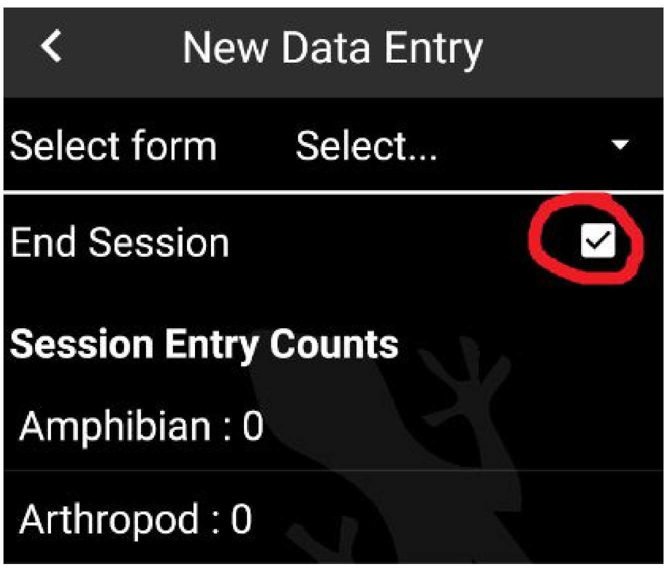




5. A dialog box will appear asking you if you'd like to add another data entry. Click "yes" to return to the data form selection screen, or "no" to end the session.



If you return to the data form screen and decide you want to end the session, you can click the "End Session" checkbox and click "Next"



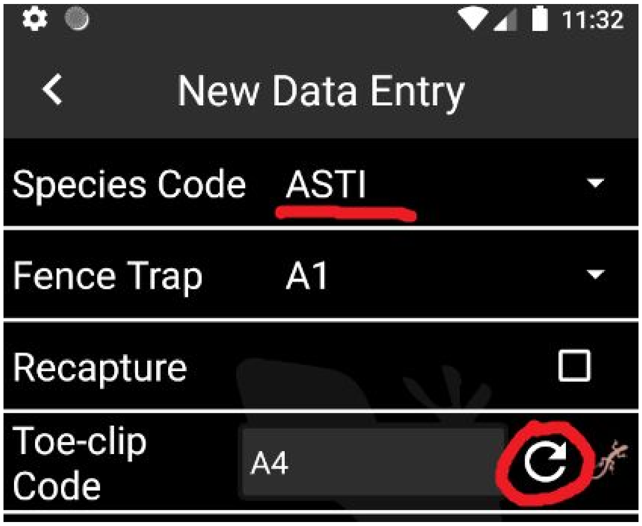
6. Set the status of the trap. Click “Finish”, then “Yes” on the dialog that appears to end the session and return to the home screen.

The details for your saved session will now be visible under “Unsynced History”.

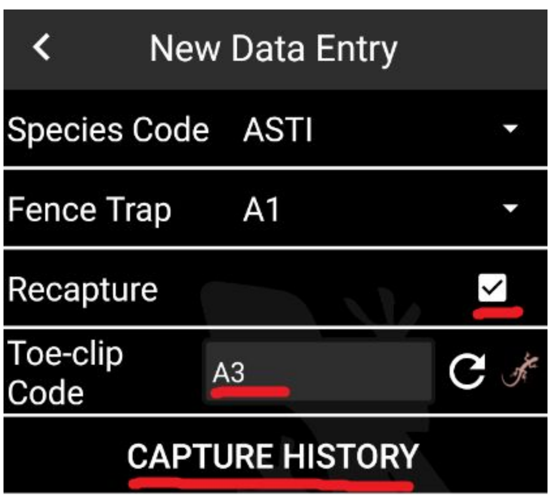
7. Once you have access to the internet again, go to “Sync Now” and click “Sync Project Data” to upload your session.

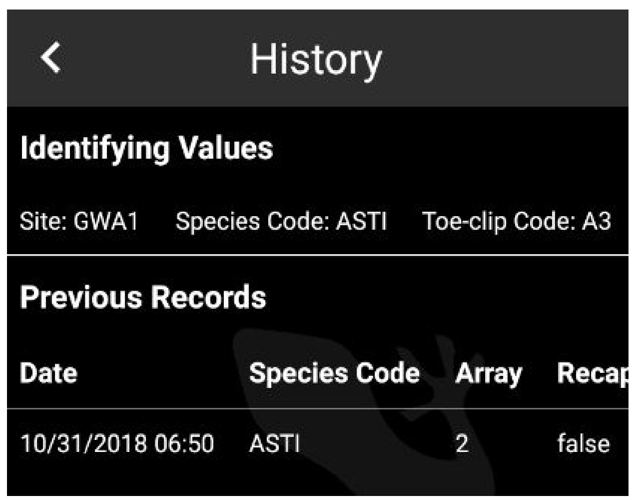
Toe-clip Codes

1. To generate the next available toe-clip code for a lizard, first select the species, then press the "generate" button.

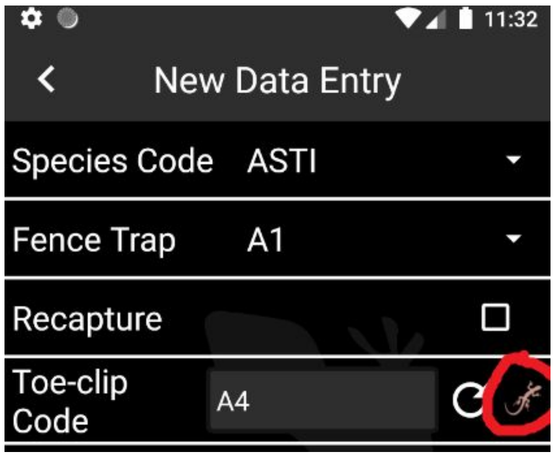


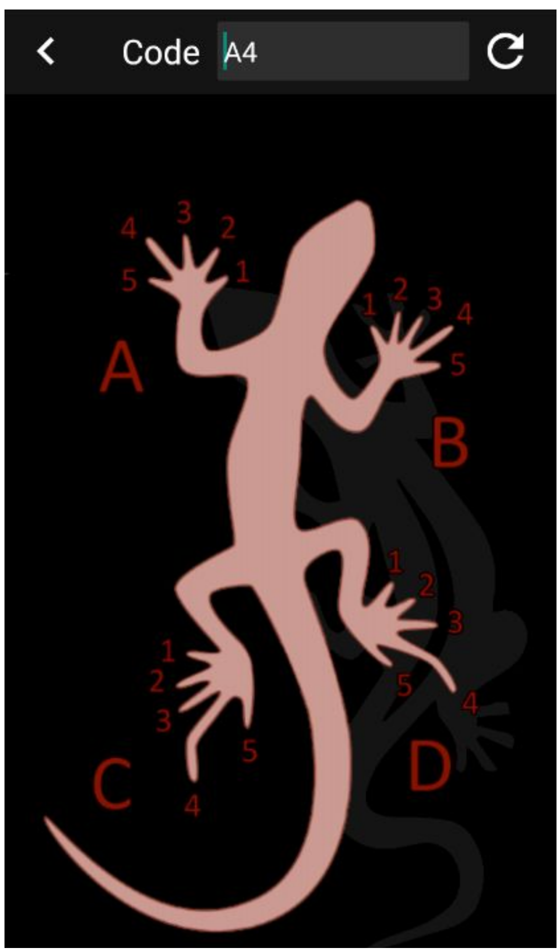
2. To view the capture history of a recaptured animal:
    a. Make sure "Recapture" is checked
    b. Enter the animal's toe-clip code
    c. Click "Capture History"





3. The “lizard image” button next to the “generate” button will pull up a diagram of a lizard with the feet and toes labeled. The toe-clip code can be entered while viewing this.





How to: enter a new data entry on your computer

1. Log into the website by entering your username and password and selecting a project.
2. At the bottom of the toolbar on the left, click “new data entry”.
3. Select the session that the data entry will belong to.
4. Select the appropriate data form from the drop-down list.
5. Enter the data into the fields.
6. Press “submit” to add the data entry to the database.