



# **Icarius User Manual**

**Penelope LTD (SwEng Group 2)**

School of PET

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# Contents

<b>1</b>	<b>Introduction</b>	<b>2</b>
<b>2</b>	<b>System Requirements</b>	<b>2</b>
<b>3</b>	<b>Application Startup</b>	<b>2</b>
3.0.1	Startup . . . . .	2
3.0.2	Logging in . . . . .	2
<b>4</b>	<b>Main Tab</b>	<b>3</b>
4.0.1	Overview . . . . .	3
4.0.2	Adding a new campus . . . . .	3
4.0.3	Editing an existing campus . . . . .	5
4.0.4	Adding a new bird to a campus . . . . .	8
4.0.5	Editing an existing bird . . . . .	15
<b>5</b>	<b>Users Tab</b>	<b>18</b>
5.0.1	Overview . . . . .	18
5.0.2	Viewing an existing user . . . . .	18
5.0.3	Editing an existing user . . . . .	19
<b>6</b>	<b>Create User Tab</b>	<b>23</b>
6.0.1	Overview . . . . .	23
6.0.2	Creating a new user . . . . .	23
<b>7</b>	<b>Conclusion</b>	<b>26</b>

# 1 Introduction

Welcome to Icarius, the administrator client used to create, update and delete information on the Fauna Finder database. This user manual will help you through the steps of operating Icarius and is written for administrators who wish to add new birds and edit existing birds for users to view.

## 2 System Requirements

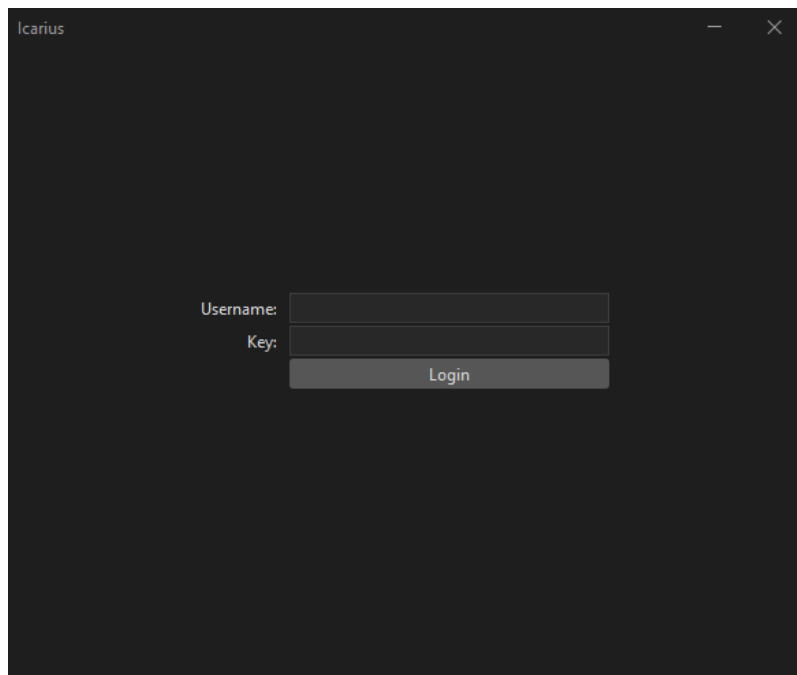
In order to run Icarius, your system will need to meet the following requirements:

- Windows Operating System or macOS
- At least 100mb of storage space
- A network adaptor for constant internet connection
- Java SE 8+ or equivalent

## 3 Application Startup

### 3.0.1 Startup

Upon startup of the application, the user will be presented with the following screen displaying a prompt for the user to login:



### 3.0.2 Logging in

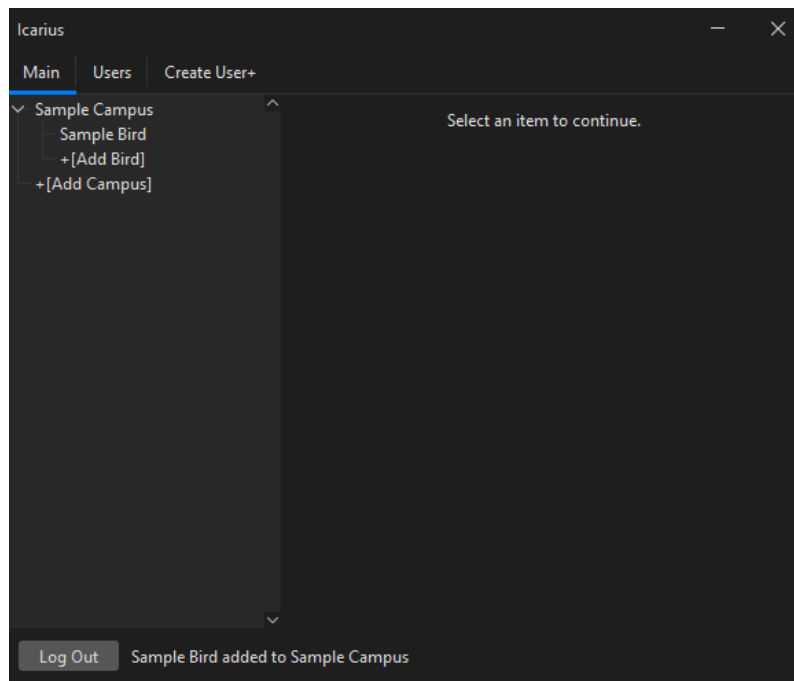
In order to log in, the user must:

1. Enter the username of the admin account in the **Username** field
2. Enter the password of the admin account in the **Key** field
3. Click the Login button located beneath. *This will then display the **Administrator View***

## 4 Main Tab

### 4.0.1 Overview

Upon logging in, the user will be greeted by the **Main tab**:



The **Main tab** is where the user can add, edit and remove campuses, and within each campus the user can add, edit and remove birds. The main areas of the **Main tab** are listed below and are described in the following pages:

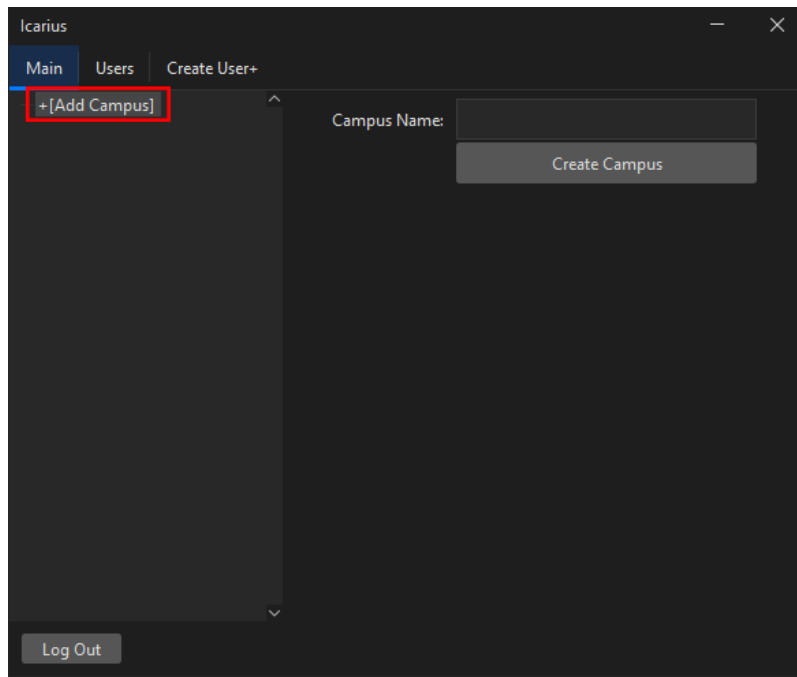
- Add Campus
- View Campus
- Edit Campus
- Add Bird
- View Bird
- Edit Bird
- Log Out
- Confirmation Message

The **Users tab** and **Create User+ tab** can be accessed by clicking on the respective tab.

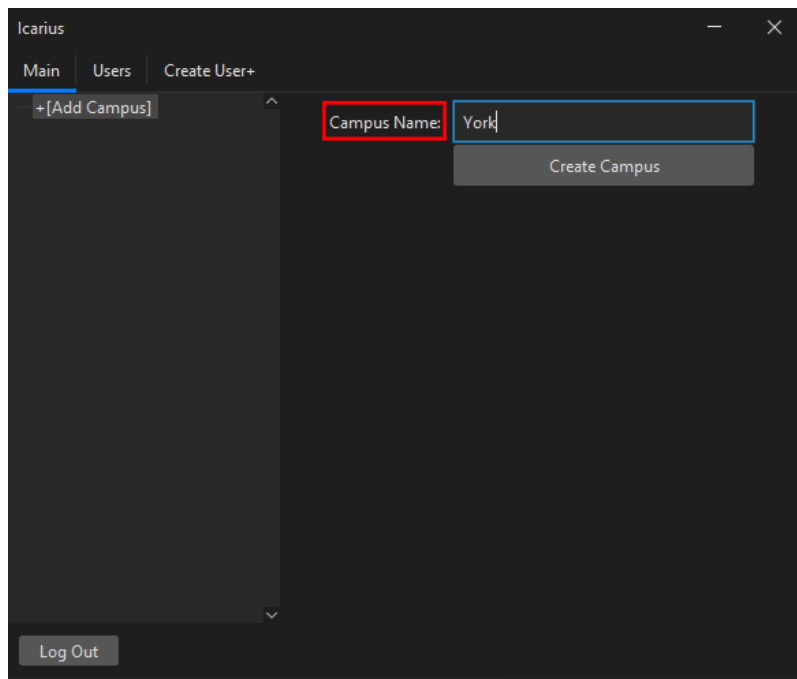
### 4.0.2 Adding a new campus

In order to add a new campus, the user must:

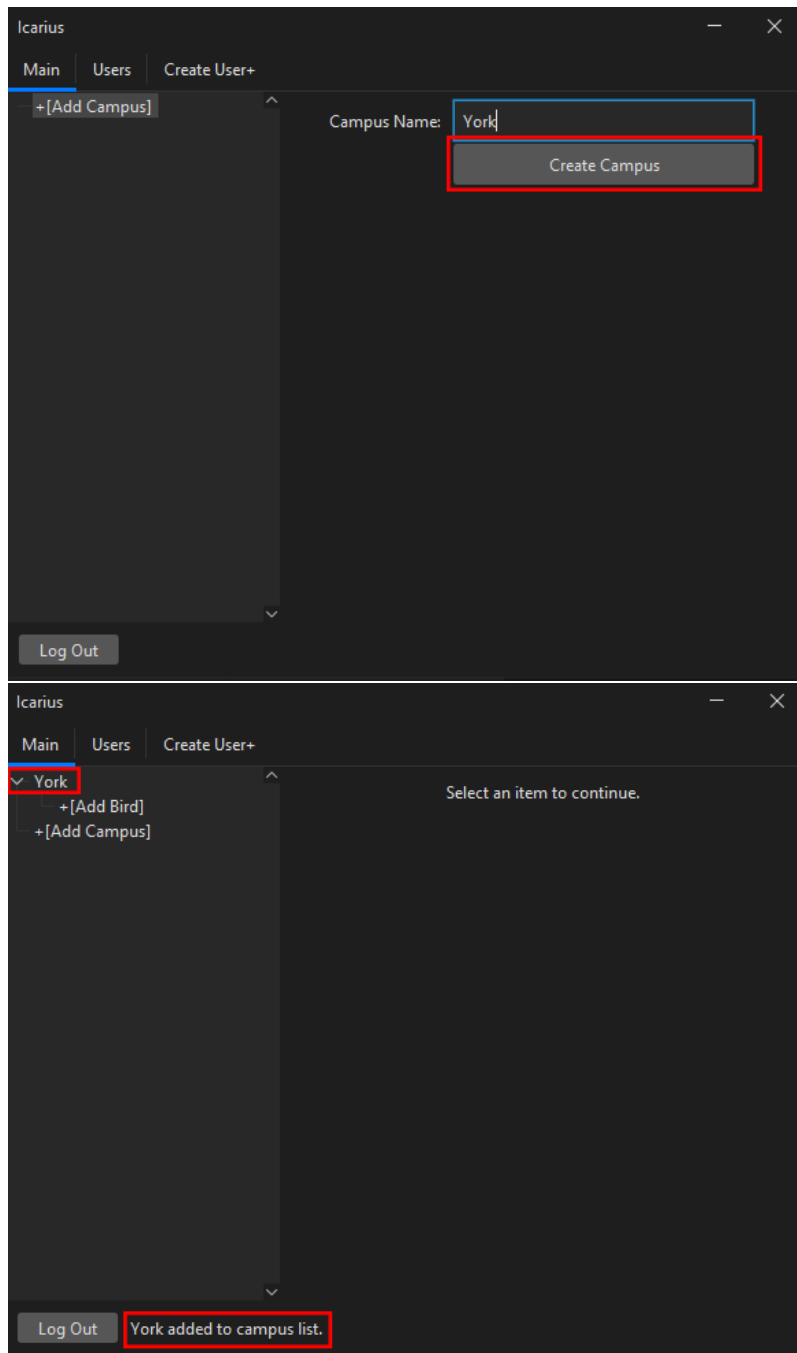
1. Click on **+[Add Campus]** located underneath **Main** on the left. *This will reveal the **Campus Name** field*



2. Enter the name of the campus in the **Campus Name** field



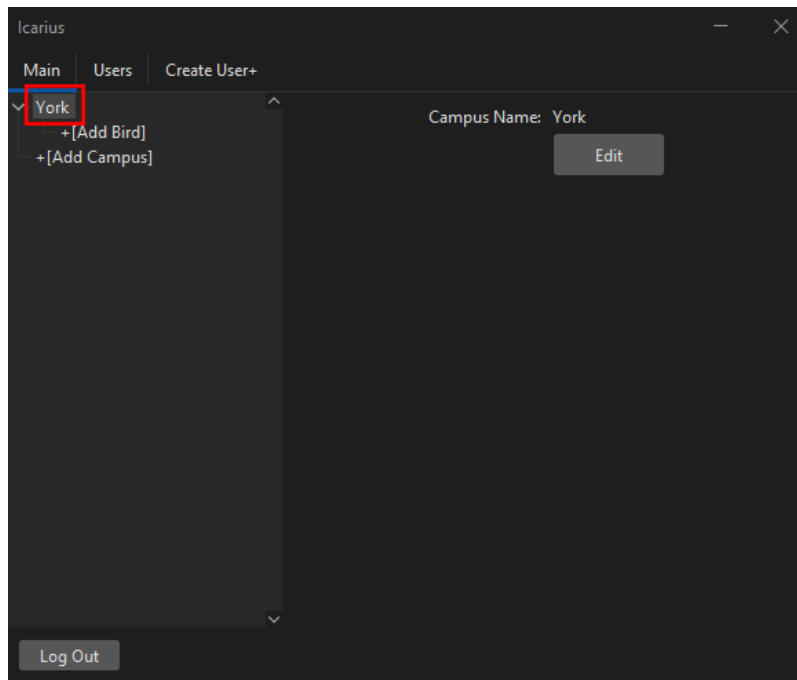
3. Click the **Create Campus** button. *This will add the campus to the database and display a confirmation button alongside the **Log out** button*



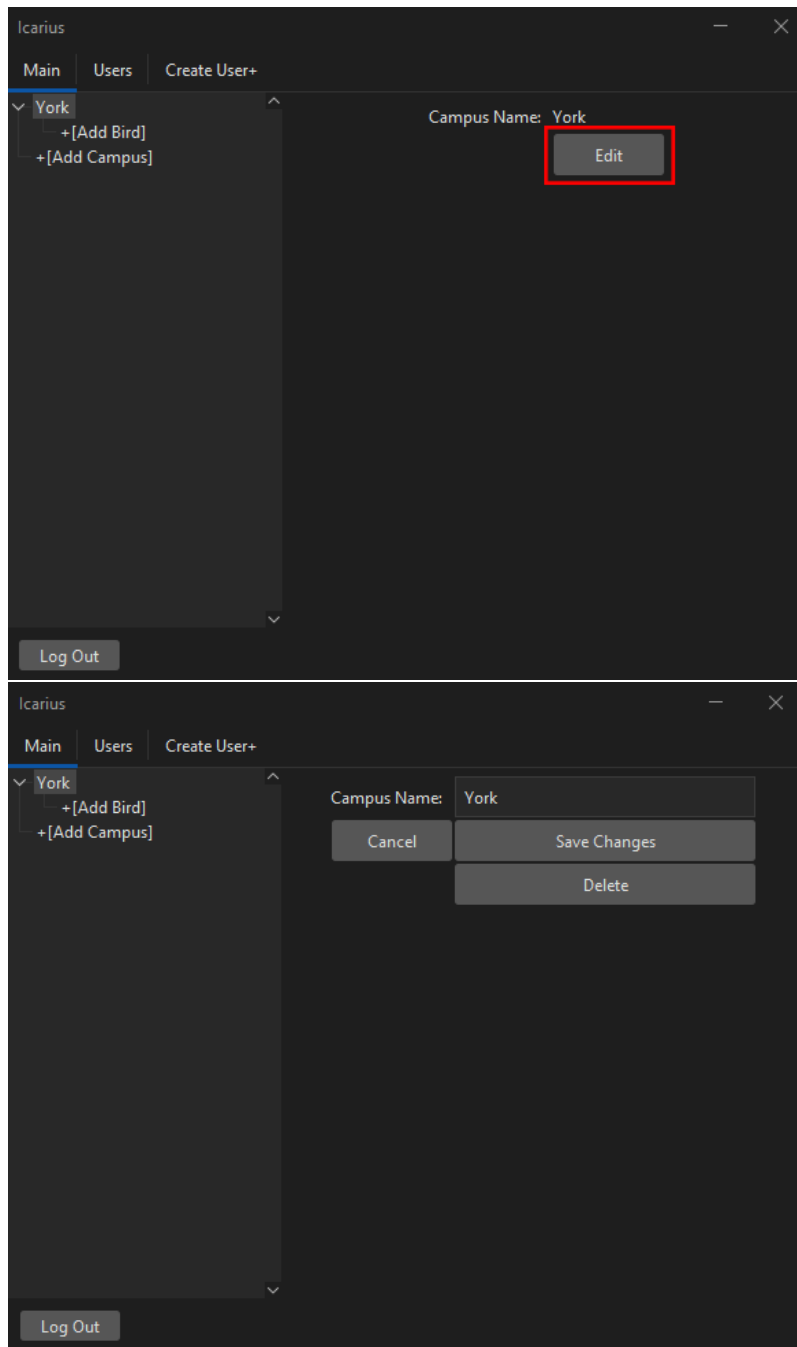
#### 4.0.3 Editing an existing campus

In order to edit an existing campus the user must:

1. Click on an existing campus. *This will reveal the details of that campus*



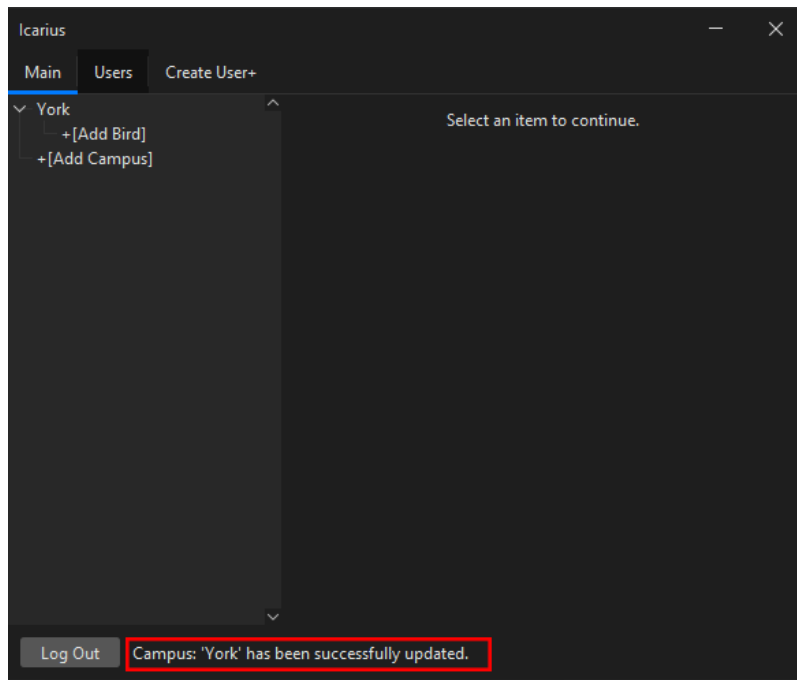
2. Click the **Edit** button. *This will allow the user to edit the name of the campus alongside the **Save Changes**, **Cancel** and **Delete** buttons*



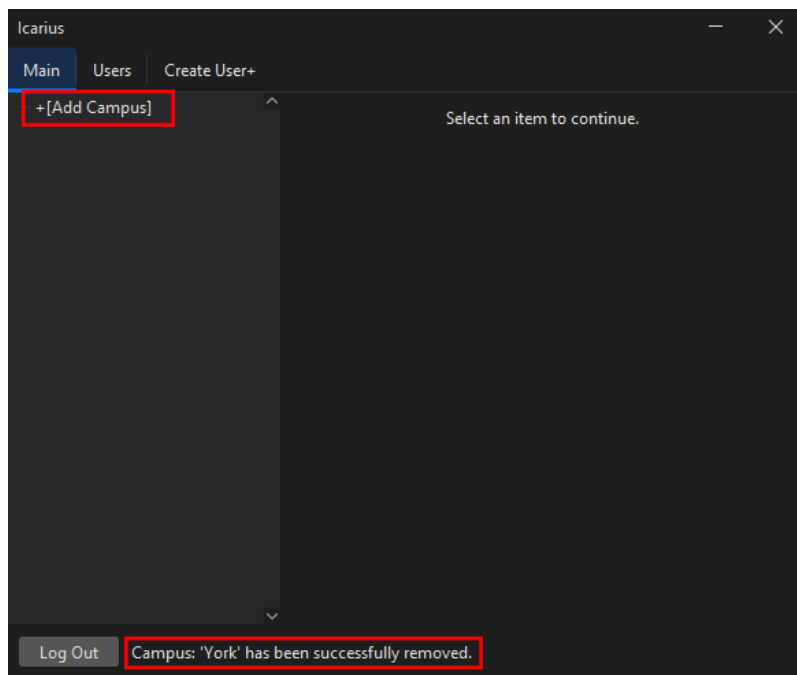
3. Clicking the **Save Changes** button will save the edits made to the campus to the database, whilst clicking the **Cancel** button cancels those edits made. The **Delete** button can be clicked to remove the campus from the database. *Choosing **Save Changes** or **Delete** displays a confirmation button alongside the **Log out** button*

**Save Changes:**





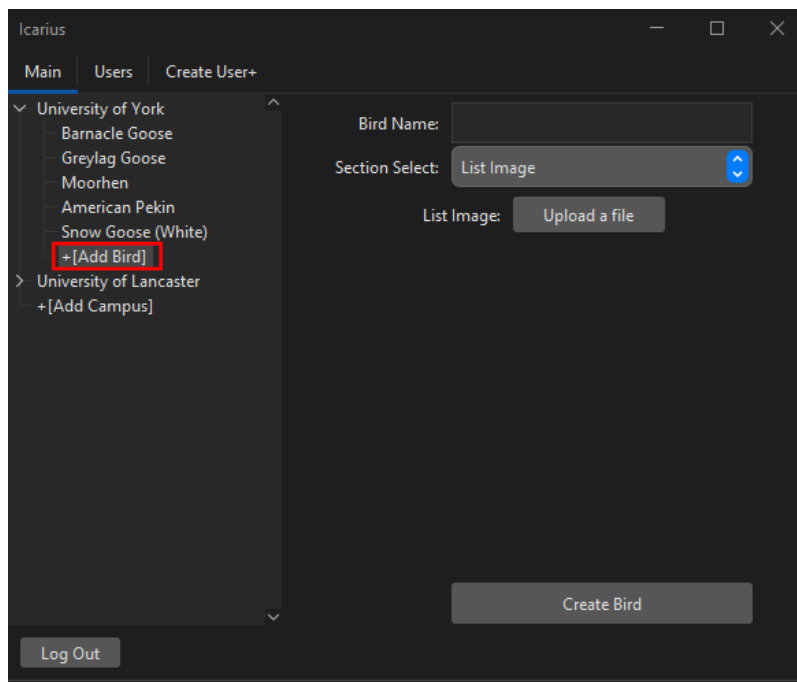
Delete:



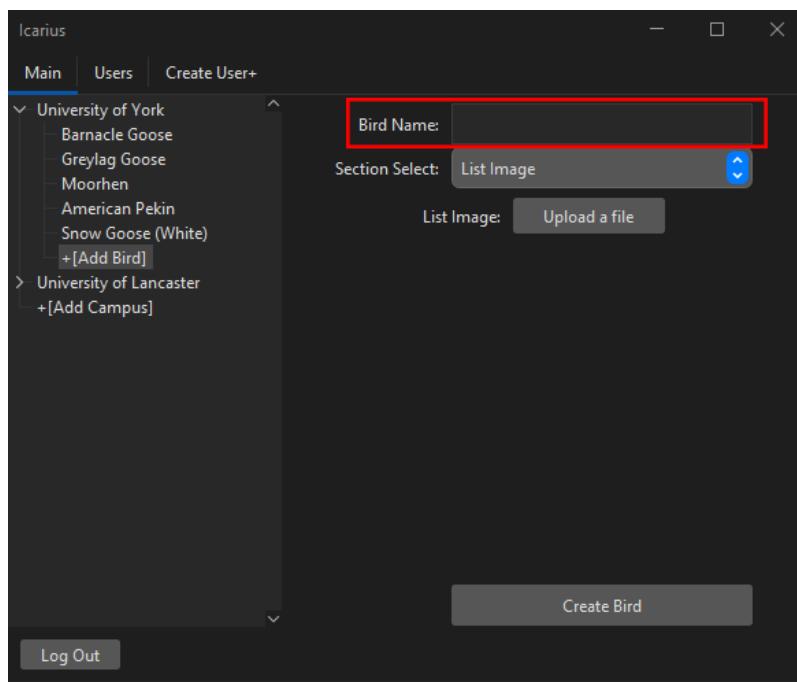
#### 4.0.4 Adding a new bird to a campus

In order to add a new bird to a campus, the user must:

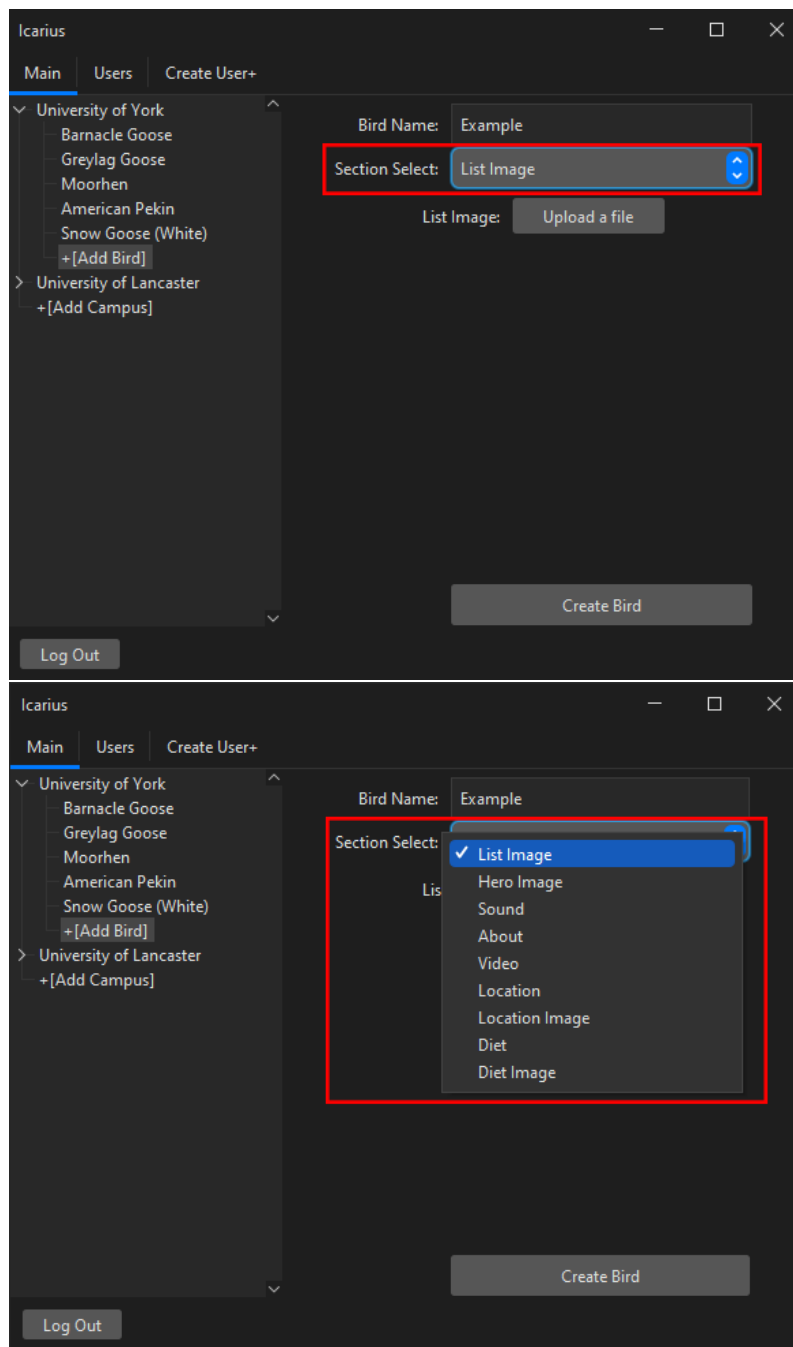
1. Click on **+[Add Bird]** located underneath the selected campus. *This will reveal the **Bird Name** field*



2. Enter the name of the bird in the **Bird Name** field



3. Click the **Section Select** drop-down list to view each attribute of the bird



The attributes of a bird are as follows:

- **List Image:** The image of the bird as it appears in the bird list in FaunaFinder
- **Hero Image:** The image of the bird once clicked on in FaunaFinder
- **Sound:** The audio soundbite of the bird
- **About:** The information about the bird
- **Video:** The video footage of the bird
- **Location:** The location of the bird
- **Location Image:** The image of the location of the bird
- **Diet:** The information about the diet of the bird
- **Diet Image:** The image of the diet of the bird

4. Click on each section to fill in each attribute of the bird. *Each attribute must be complete before the creation of the bird can occur*

- **List Image, Hero Image, Location Image and Diet Image:** An image can be uploaded for the attributes that require it by clicking on **Upload a file**. *This will display the image underneath to confirm the correct image has been uploaded*

The image displays two screenshots of the Icarus application interface, showing the process of creating a bird entry.

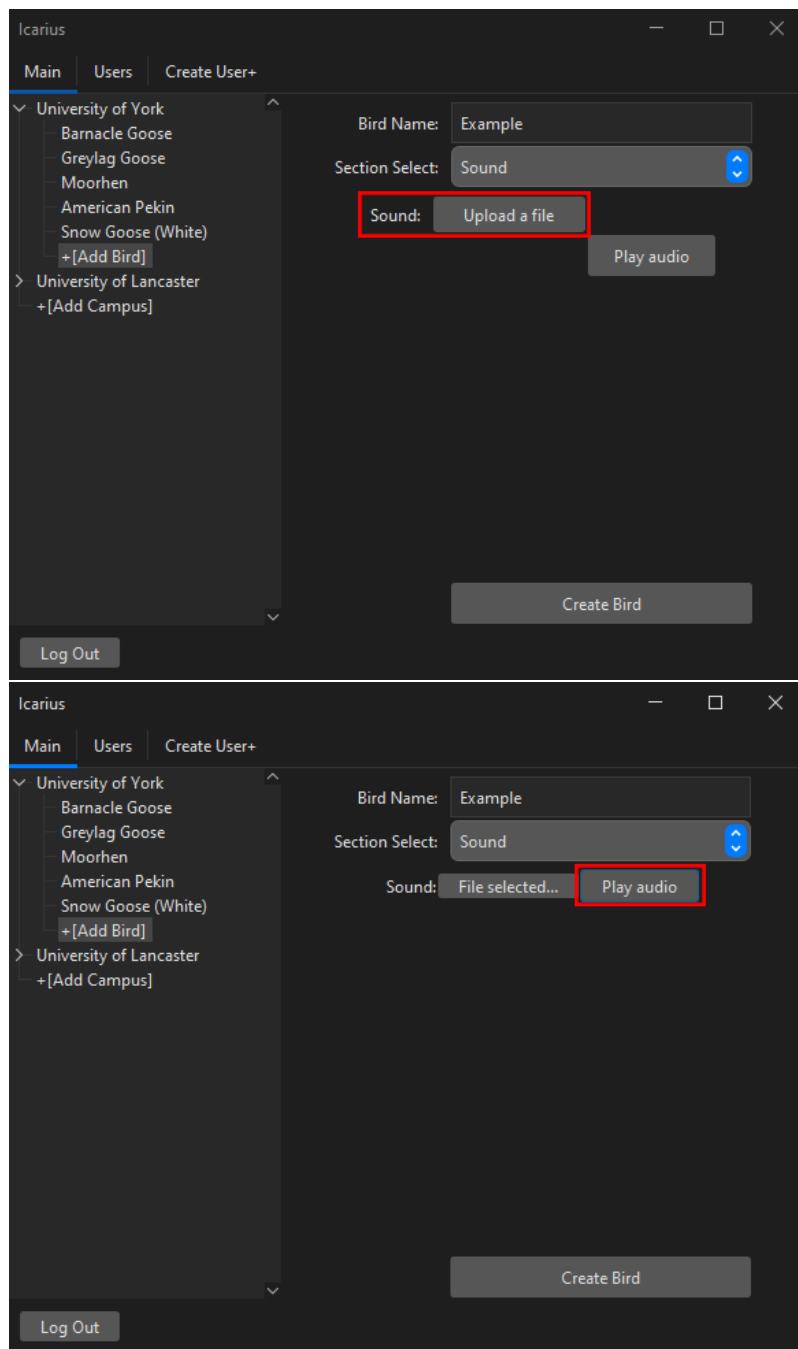
**Top Screenshot:** The interface shows the 'Main' tab selected. On the left, a sidebar lists 'University of York' with sub-items: Barnacle Goose, Greylag Goose, Moorhen, American Pekin, and Snow Goose (White), followed by '+[Add Bird]'. Below this is 'University of Lancaster' with '+[Add Campus]'. A 'Log Out' button is at the bottom left. On the right, the 'Bird Name' field contains 'Example'. The 'Section Select' dropdown is set to 'List Image'. Below this, the 'List Image' label is next to an 'Upload a file' button, which is highlighted with a red rectangle. A 'Create Bird' button is at the bottom right.

**Bottom Screenshot:** The interface is identical to the top one, but the 'List Image' field now displays a photograph of a white duck swimming in water. Above the image, a small button says 'File selected...'. The 'Create Bird' button remains at the bottom right.

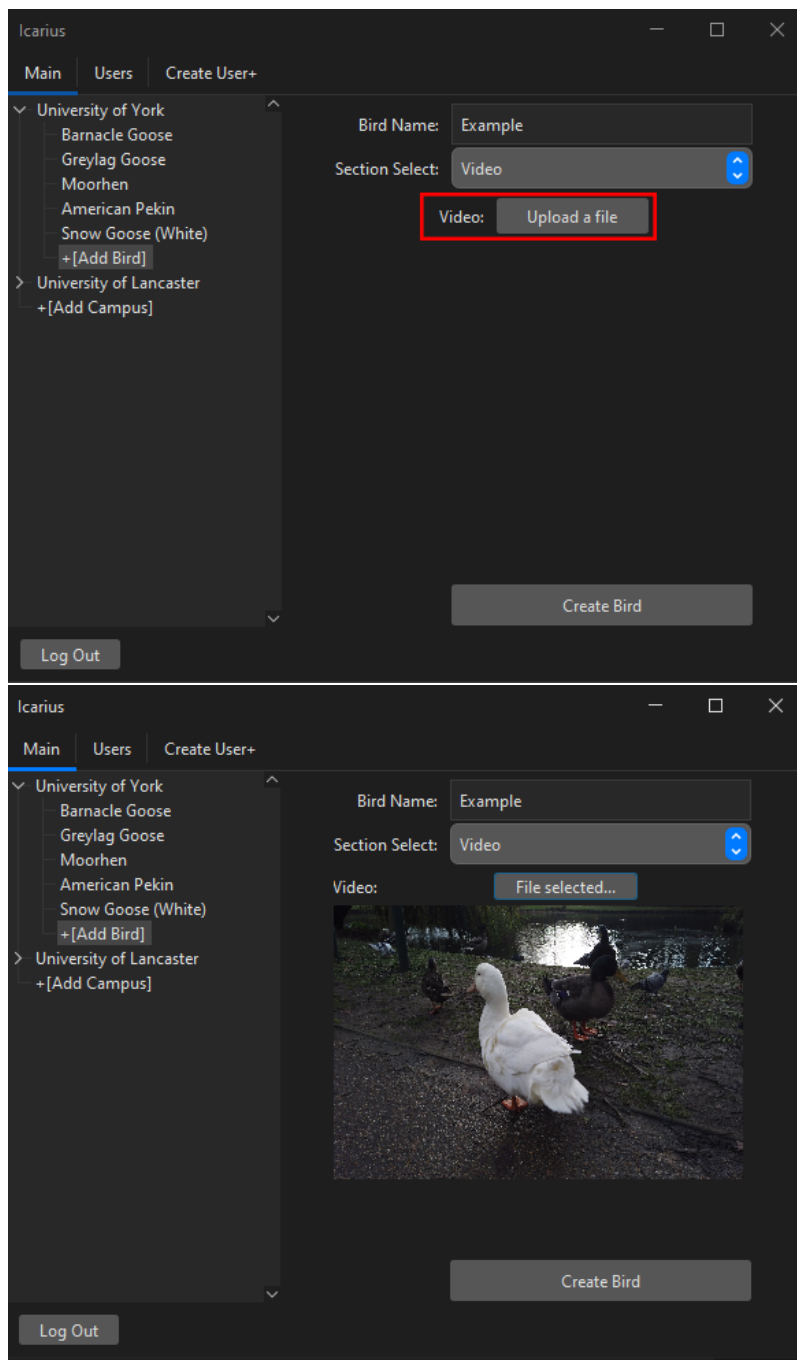
- **About, Location and Diet:** Information can be input for the attributes that require it by typing in the text area

The screenshot shows the 'Icarus' application window with a dark theme. At the top, there are three tabs: 'Main' (selected), 'Users', and 'Create User+'. On the left side, there is a tree view under 'University of York' containing 'Barnacle Goose', 'Greylag Goose', 'Moorhen', 'American Pekin', and 'Snow Goose (White)', followed by a '+[Add Bird]' button. Below this is a section for 'University of Lancaster' with a '+[Add Campus]' button. At the bottom left is a 'Log Out' button. The main area on the right has a 'Bird Name:' text input with 'Example' entered. Below it is a 'Section Select:' dropdown menu currently showing 'Diet'. Underneath the dropdown is a large, empty rectangular box labeled 'Diet:'. At the bottom right of the main area is a 'Create Bird' button.

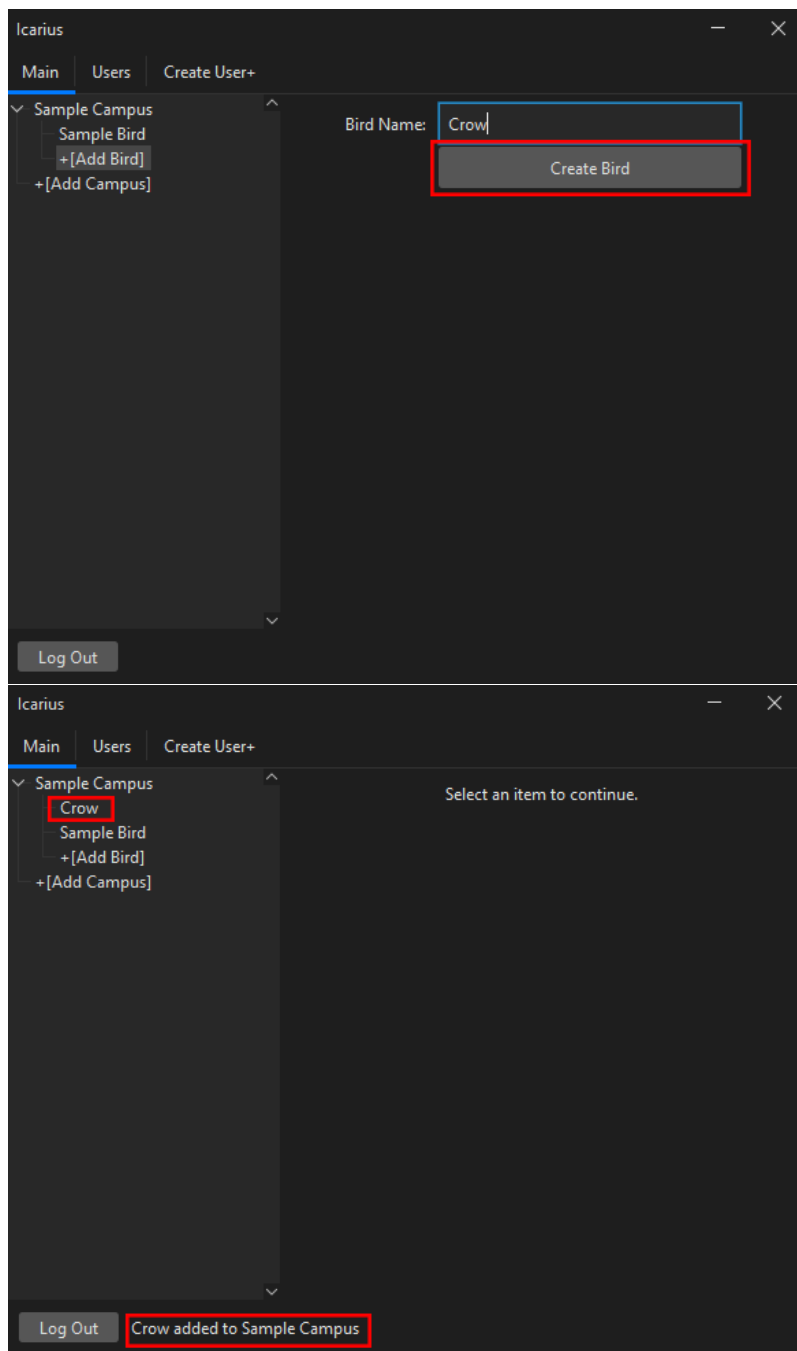
- **Sound:** An audio file can be uploaded by clicking on clicking on **Upload a file**. The audio can be sampled by clicking on **Play audio**



- **Video:** A video file can be uploaded by clicking on clicking on **Upload a file**. A thumbnail preview of the video will be displayed below



5. Click the **Create Bird** button. This will add the bird to the database and display a confirmation button alongside the **Log out** button

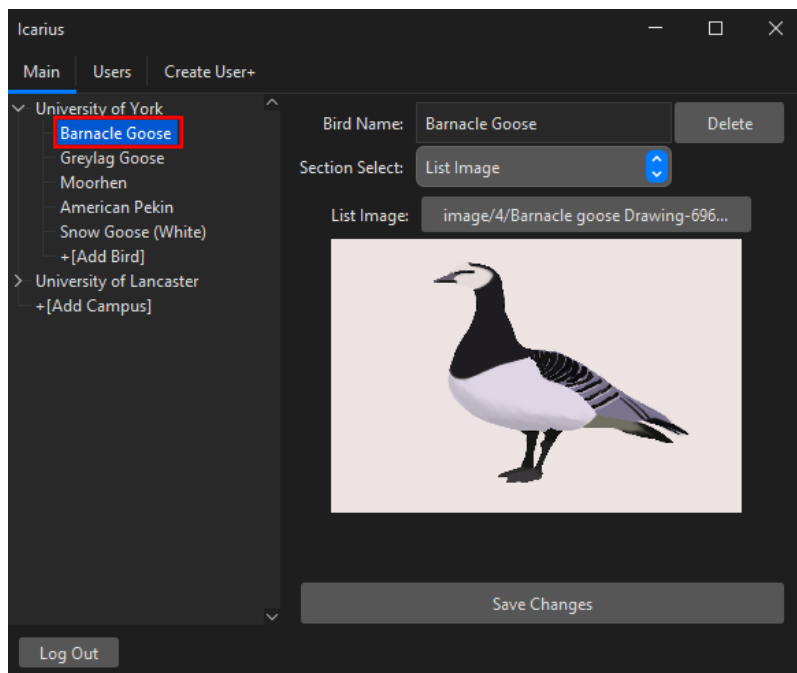


#### 4.0.5 Editing an existing bird

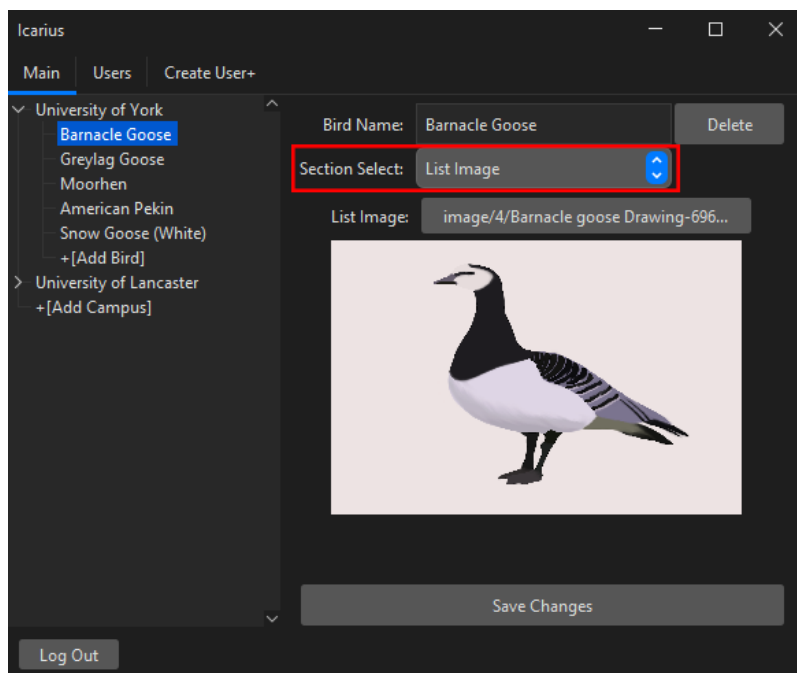
In order to edit an existing bird the user must:

1. Click on an existing bird underneath the selected campus. *This will reveal the details of that bird*

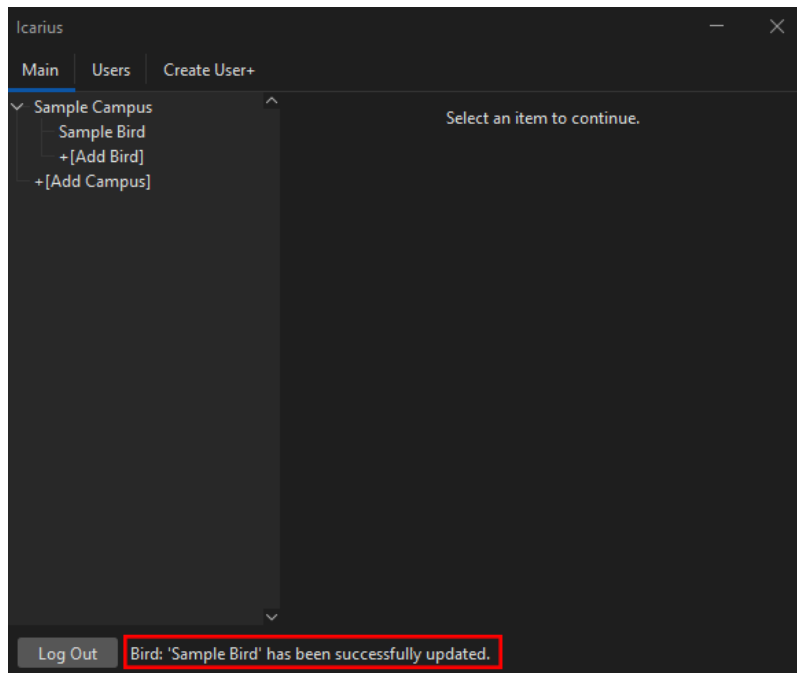




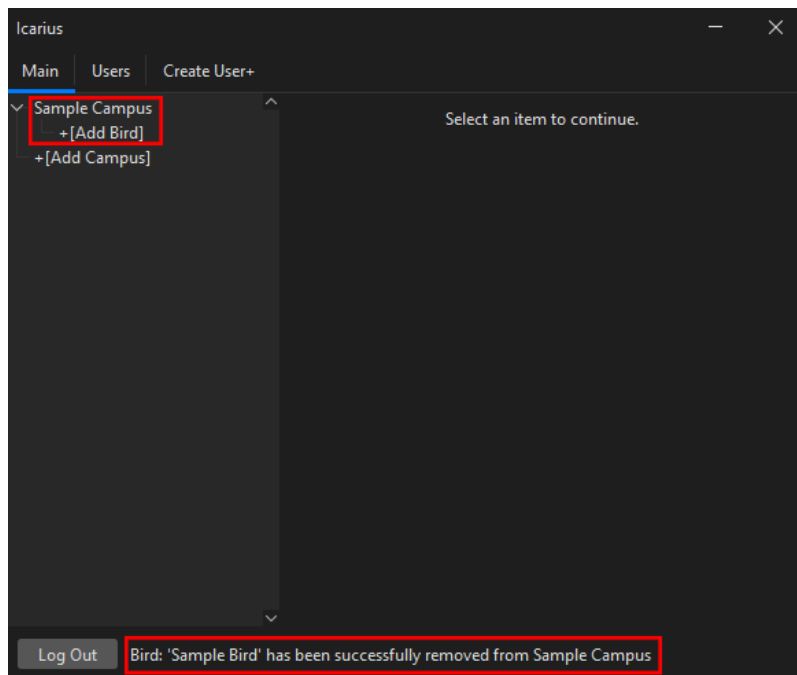
- From here, each of the attributes of the bird can be edited by selecting them from the **Section Select** drop-down list



- Clicking the **Save Changes** button will save the edits made to the bird to the database, whilst clicking the **Cancel** button cancels those edits made. The **Delete** button can be clicked to remove the bird from the database. *Choosing **Save Changes** or **Delete** displays a confirmation button alongside the **Log out** button* **Save Changes**:



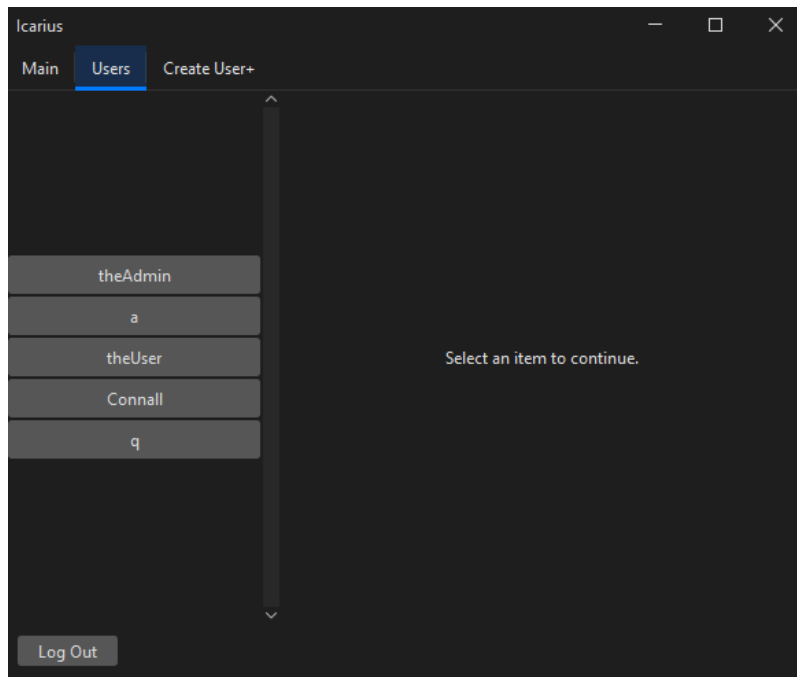
Delete:



## 5 Users Tab

### 5.0.1 Overview

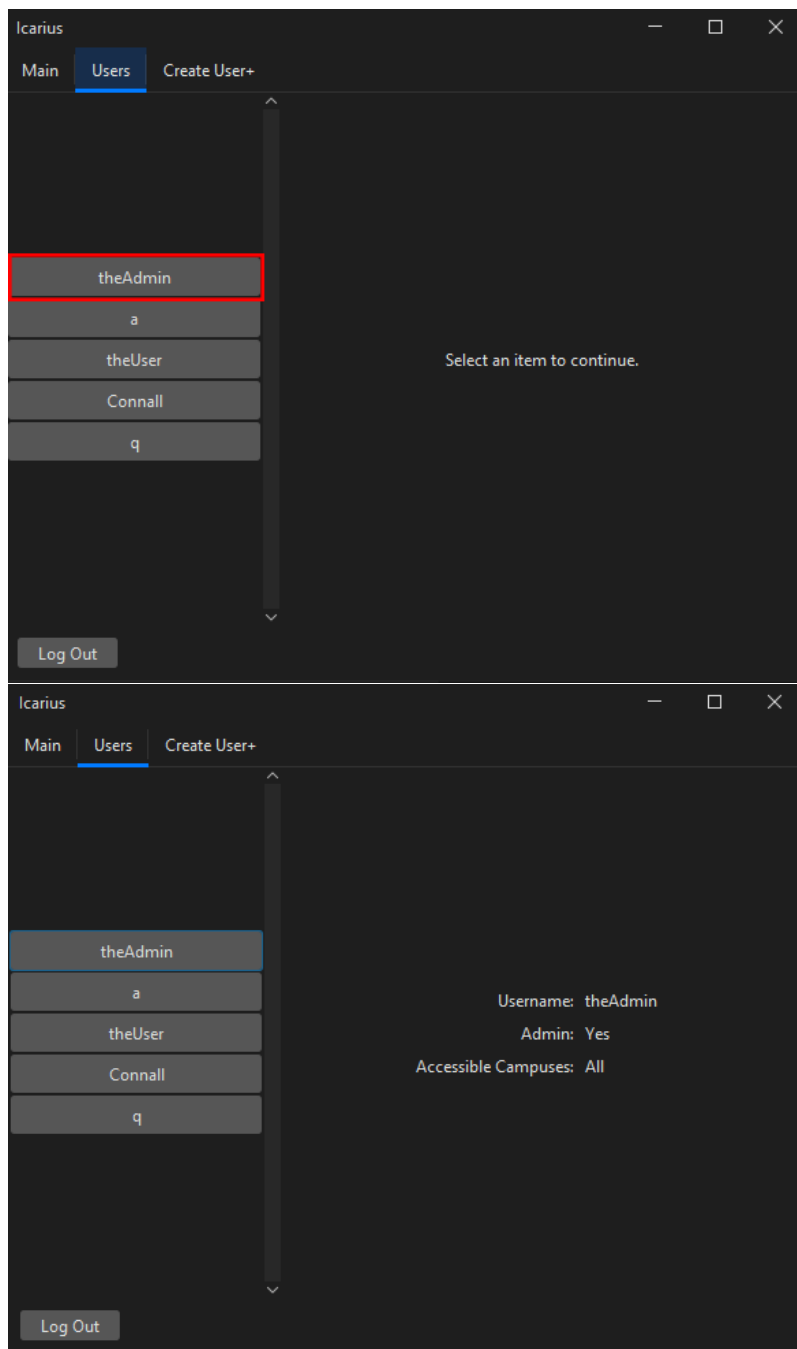
The **Users tab** allows the user to view and edit existing user's information and allocate them to particular campuses.



### 5.0.2 Viewing an existing user

In order to view an existing user, the user must:

1. Click on a user located in the left panel of the tab. *This will reveal the attributes of that user on the right*



The attributes of a user are as follows:

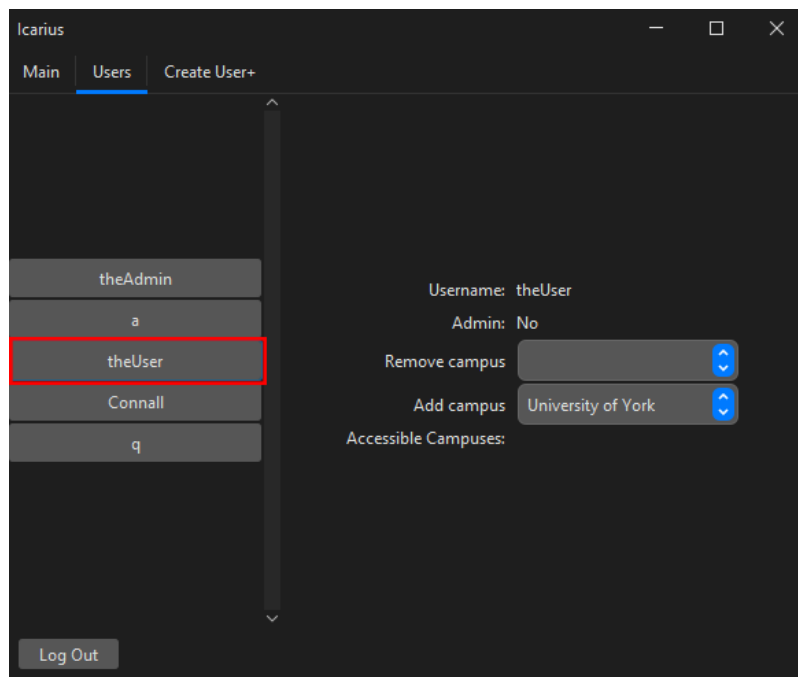
- **Username:** The selected users username
- **Admin:** Displays whether the user is an admin or not
- **Accessible Campuses:** A list of all of the campuses the user is able to make edits to within the main tab. If the selected user is an admin this will just say **All**

### 5.0.3 Editing an existing user

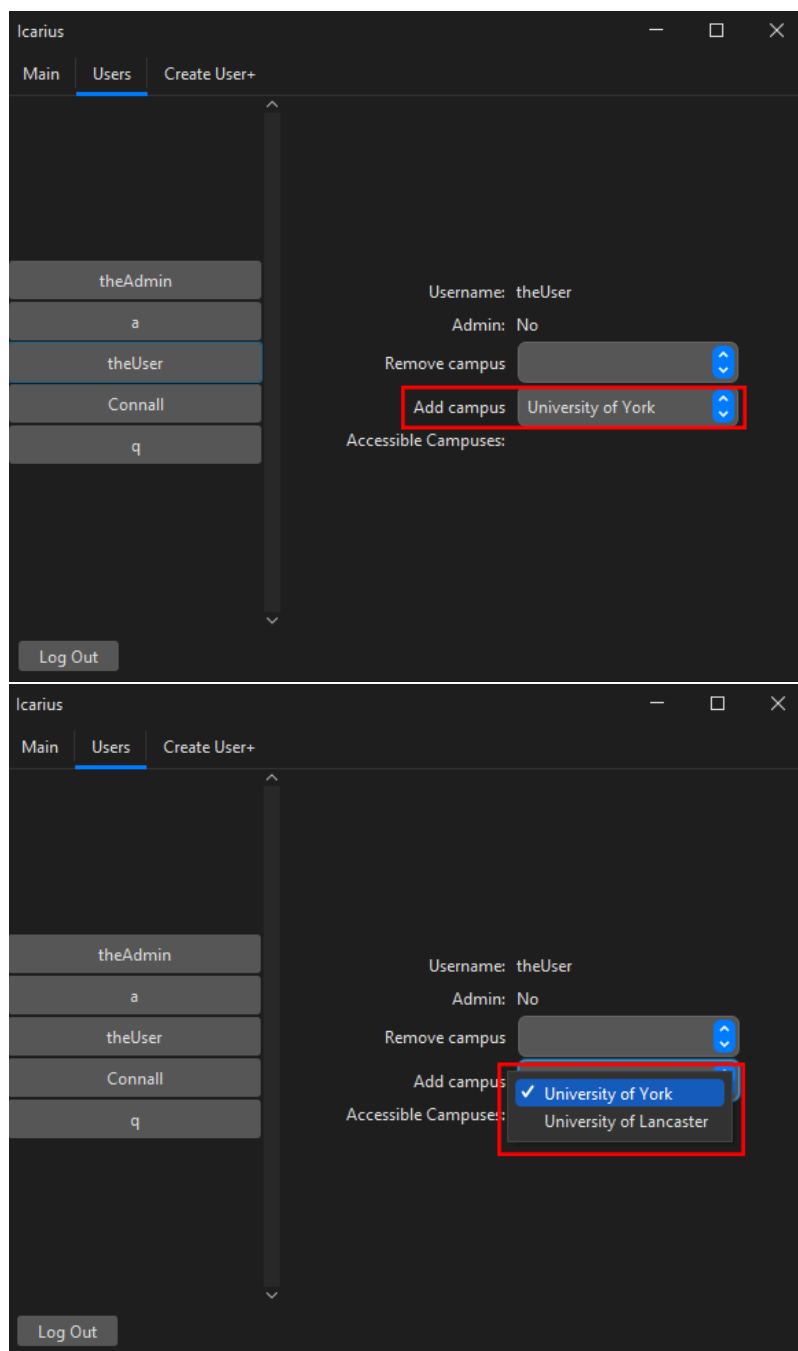
Admin users cannot have their attributes be changed.

In order to edit an existing user, the user must:

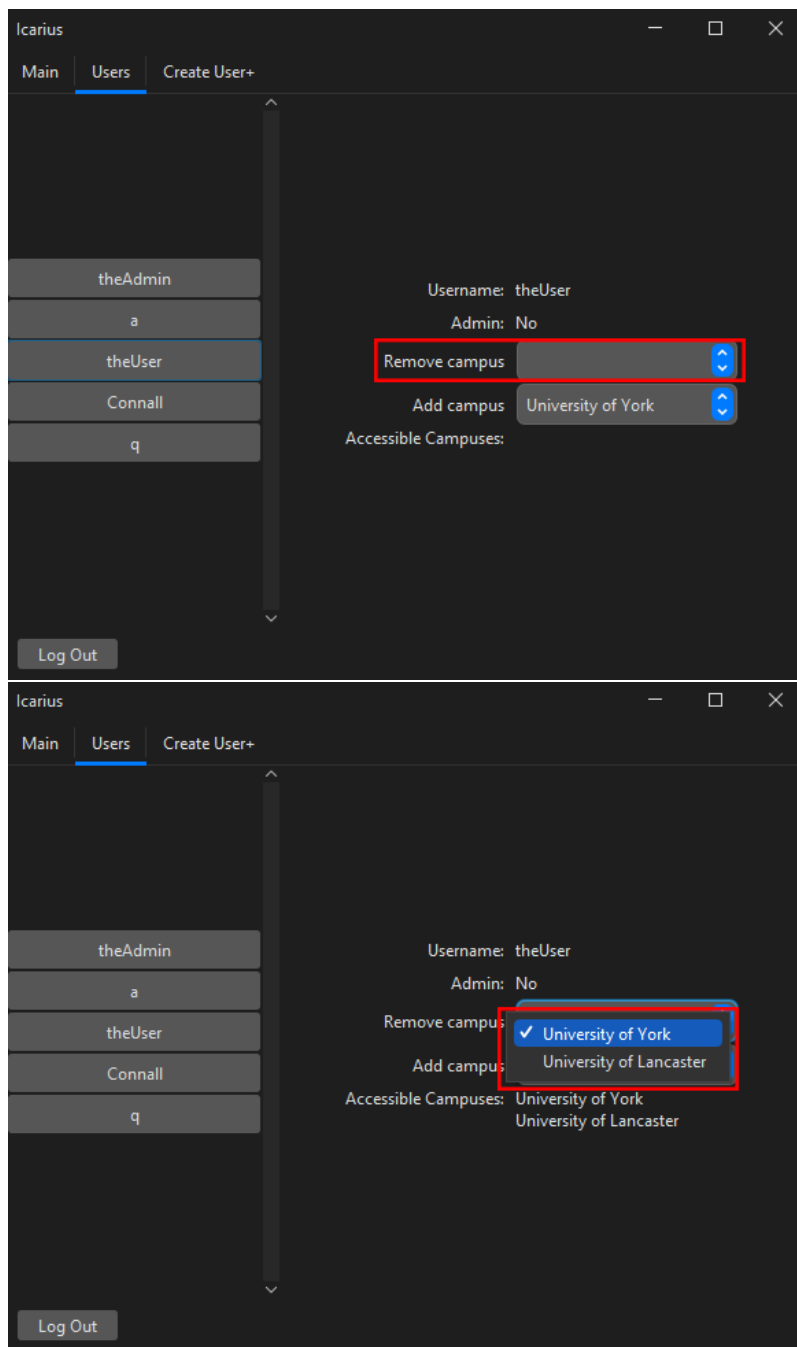
1. Click on a user located in the left panel of the tab. *This will reveal the attributes of that user on the right*



2. A campus can be added to the user by clicking on the **Add Campus** drop-down list. *This will reveal each campus in the database*



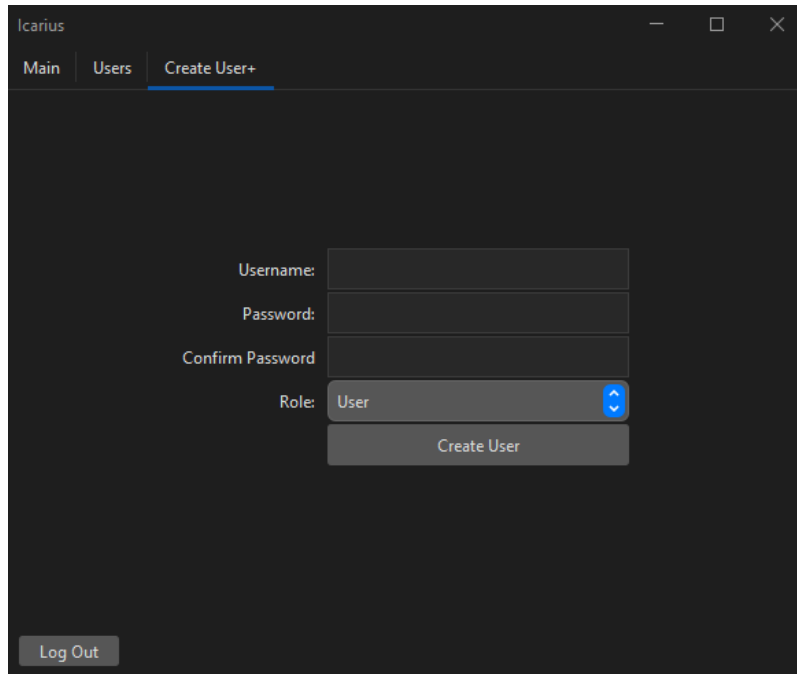
Similarly, a campus can be removed from the user by clicking on the **Remove Campus** drop-down list.



## 6 Create User Tab

### 6.0.1 Overview

The **Create User tab** Allows for the creation of a new user in the server, setting their username, password and role, either being an admin or a user.

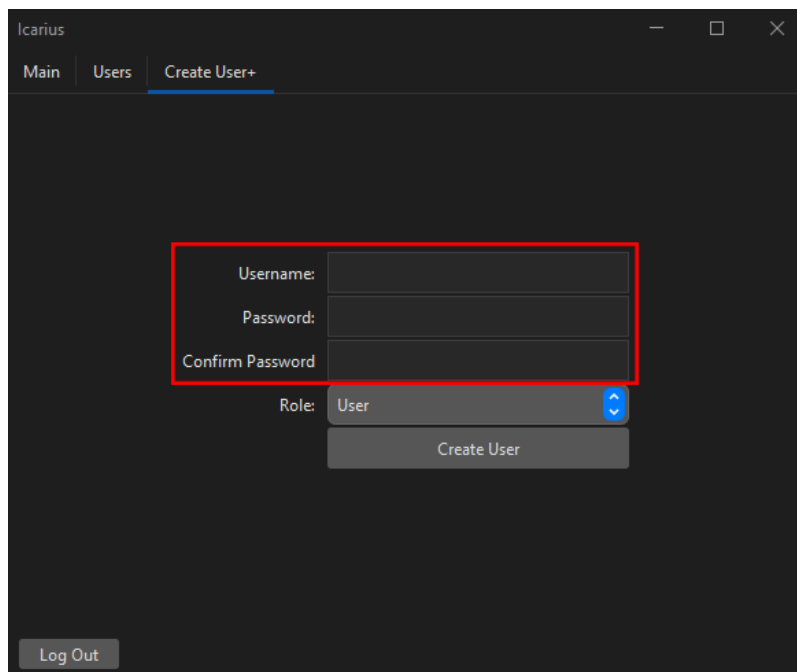


The screenshot shows the 'Icarus' application window with the 'Create User+' tab selected. The interface includes a navigation bar with 'Main', 'Users', and 'Create User+'. The main content area contains four input fields: 'Username:', 'Password:', 'Confirm Password', and 'Role:'. The 'Role' dropdown is currently set to 'User'. A 'Create User' button is positioned below the 'Role' field. A 'Log Out' button is located in the bottom left corner of the window.

### 6.0.2 Creating a new user

In order to add a new user, the user must:

1. Fill the **Username**, **Password** and **Confirm Password** fields



This screenshot is identical to the one above, but with a red rectangular box highlighting the 'Username:', 'Password:', and 'Confirm Password' input fields to indicate they must be filled out.



2. Click on the **Role** drop-down list to select the new user's role. This will be either an admin or a user

The image displays two screenshots of the Icarious application's 'Create User+' interface. The interface has a dark theme and a navigation bar with 'Main', 'Users', and 'Create User+' tabs. The 'Create User+' tab is active. The form contains fields for 'Username:', 'Password:', and 'Confirm Password:'. Below these is a 'Role:' dropdown menu. In the top screenshot, the dropdown is closed and shows 'User'. In the bottom screenshot, the dropdown is open, showing a list with 'User' (checked) and 'Admin'. A 'Create User' button is located below the role dropdown. A 'Log Out' button is visible at the bottom left of the form area.

3. Click on **Create User**. This will add the user to the database


Icarius

Main Users **Create User+**

Username:

Password:

Confirm Password:

Role: User 

**Create User**

Log Out

## 7 Conclusion

Thank you for making it through the Icarius user manual. We hope that it has guided you through the features of the application, as well as how to use them.