

The cover features a central dark grey square with a clipped top-right corner. This square is surrounded by three mustard yellow geometric shapes: a square with a clipped bottom-left corner in the top right, a square with a clipped top-right corner in the bottom left, and a triangle with a clipped hypotenuse in the bottom right. The word 'ARGUS' is printed in large, bold, mustard yellow capital letters on the dark grey square, with 'User Manual' in smaller, regular, mustard yellow capital letters below it.

ARGUS

User Manual

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Introduction

Argus is a home security system capable of instantly identifying threats on multiple video feeds around the home of a user while notifying the user of identified threats. The system is being developed by Sigma for Epi-Use Labs.

Installation

A member of the Argus team will have to come around to your property to link your home security cameras to a central Raspberry Pi (a small single board computer). The Raspberry Pi will be used to connect your cameras to Argus' server and allow you to receive notifications and view your cameras from anywhere using Argus Webapp.

Argus Webapp and server will be available for download from <https://github.com/COS301-SE-2020/Home-Security-System>.

Login

A member of the Argus team will register you with a provided email address and basic password. You must use these login details for your first login into the webapp and immediately change your password to ensure your account is safe.

If you happen to forget your password, click the “Forgot your password?” button, located at the bottom right of the login box, which will redirect you to a page where you must enter your email. You will be sent a unique link to change your password.



Figure 1: Login Box

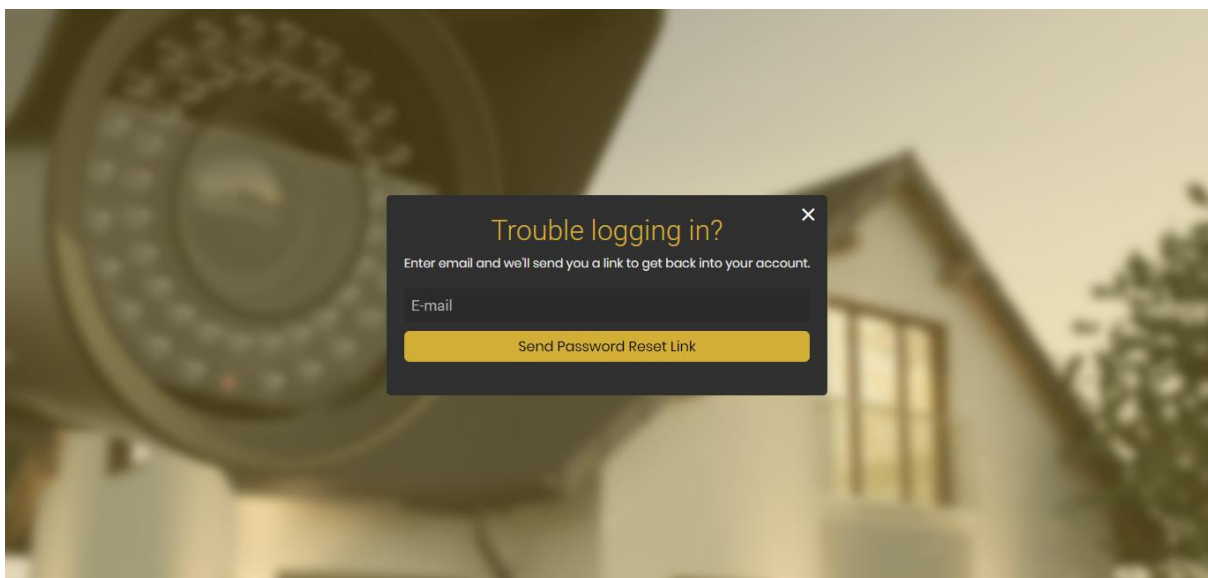


Figure 2: Send reset link to email

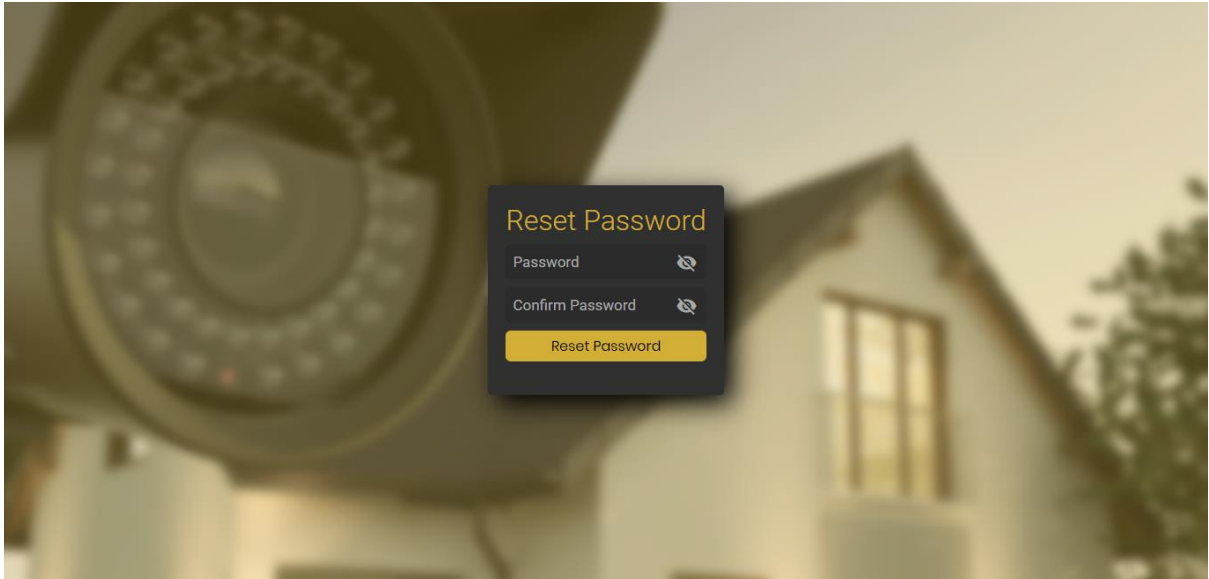


Figure 3: Choose a new password

Webapp

Top Nav-Bar: The top navigation bar can be used to quickly view recent notifications, access your user profile and settings or logout. Email and local notification can be toggled on and off by clicking the settings icon.

Side Nav-Bar: The side navigation bar can be used to quickly navigate to different pages of your Argus system.

Dashboard: The dashboard page is used to display a live feed of all of your home-security cameras as well as quick access views of system statics and useful information unique to your system.

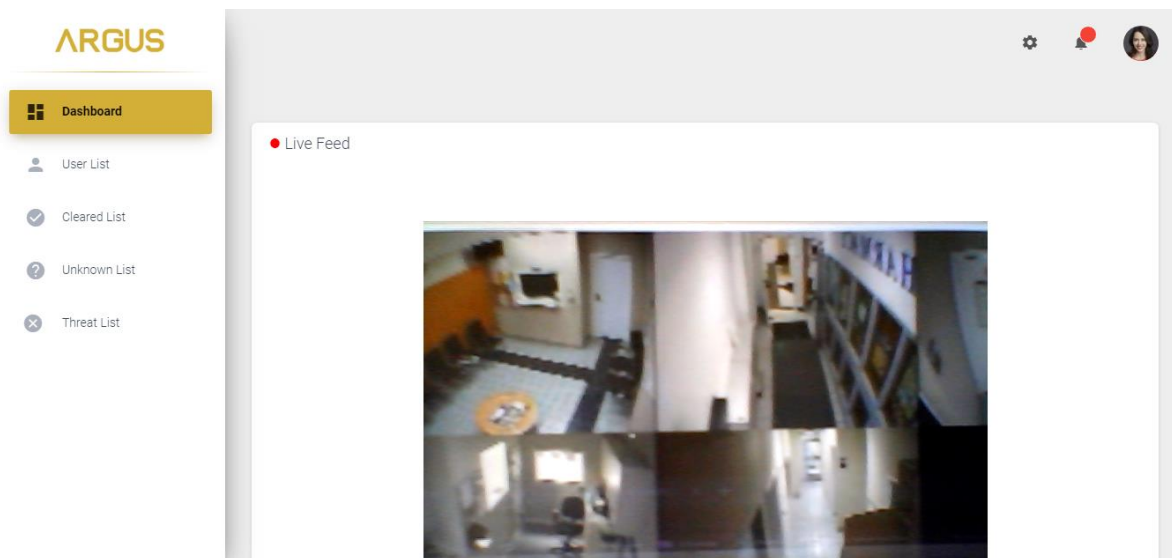


Figure 4: Dashboard

User List: This page can be used to view all users who have access to your Argus system. The user can add and delete users.

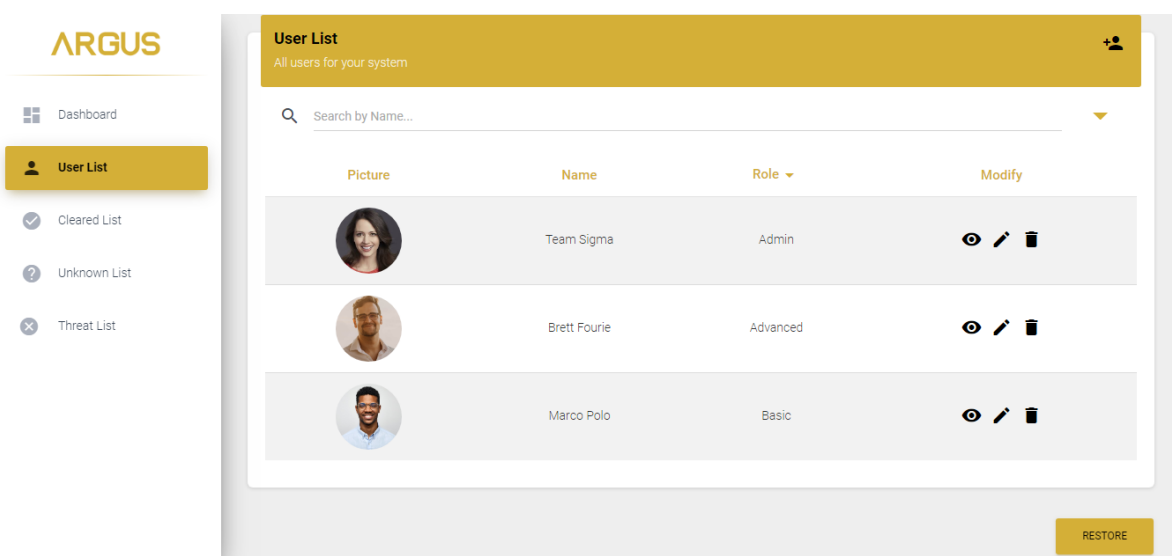


Figure 5: User List

Cleared List/ Unknown List/ Threat List: The three list pages are used to display a list of people recognised by Argus. The Cleared List is used to identify people who are allowed to access your property without notifying you. This is used for family members or people who will frequently access your property and are of no threat to you. You can manually add people to the white list.

The Threat List is used to identify unwanted people on your property. You will receive notifications as soon as these people are recognised by Argus. People can be added to or removed from the list manually.

The Unknown List is a temporary list used to store all people recognised by Argus. You can add these people to the White or Black List or leave them to be later deleted automatically.

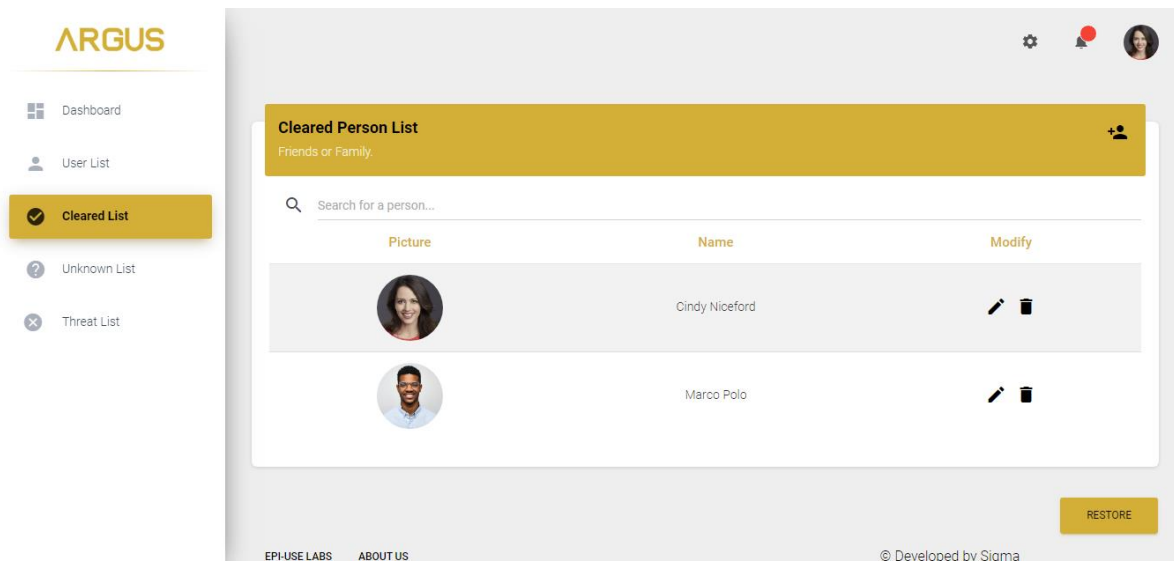


Figure 6: Cleared List

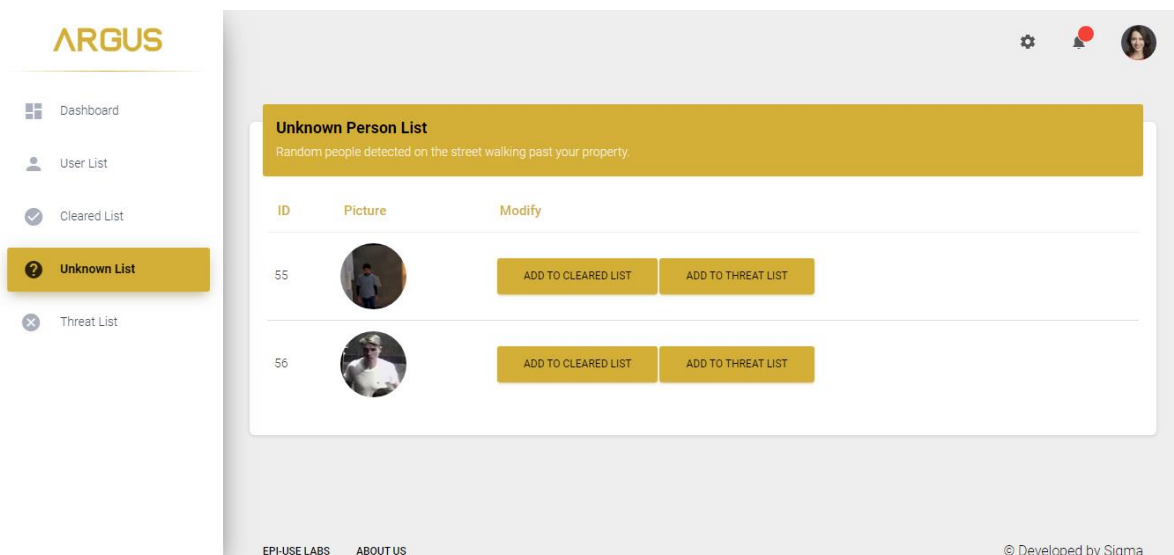


Figure 7: Unknown List

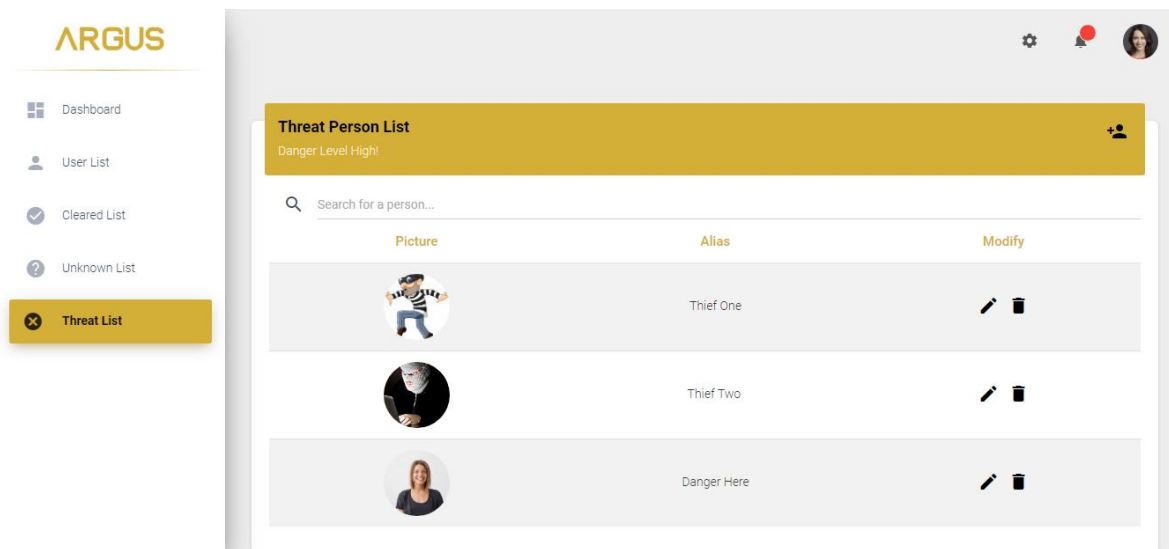


Figure 8: Threat List

User Profile: Your account details and password can be viewed and updated on this page.

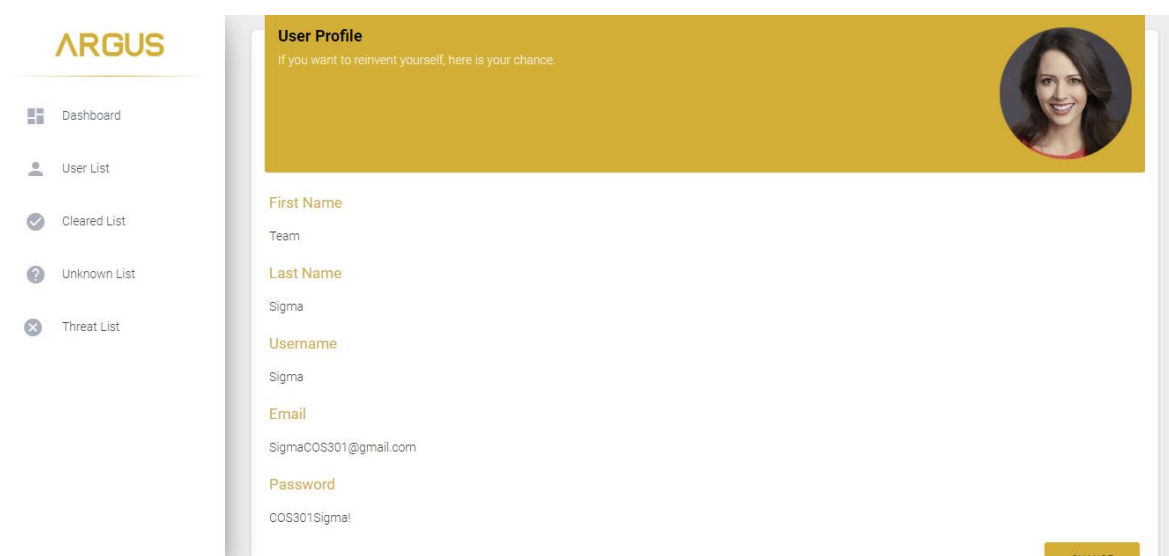


Figure 9: User Profile

Restoration Pages: A cleared or threat level person and users can be deleted easily on their respective pages. The deleted person or user can be restored just as easily by clicking the “Restore”

button at the bottom of that page. Locate the correct person or user and press the restore button (circled below).

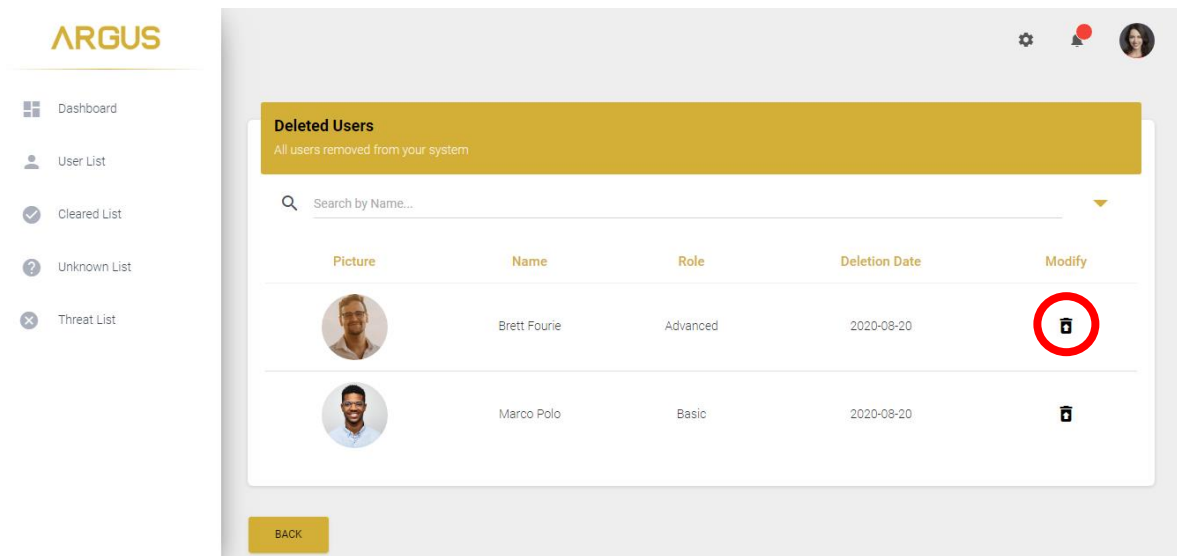


Figure 10. Restoration pages.

Troubleshooting

For any queries or error reporting, please contact sigmacos301@gmail.com.