

User Manual

05.16.2025

HCAR Client Database

Team:

- Justin Crittenden
- Michael Goodwyn
- Carson Gustafson
- Orlando Trujillo-Ortiz

Overview

This document serves as the official User Manual for the online Humboldt Community Access and Resource Center Client Database (the "Web Application"). The Web Application has varying scope of functionality for different users, but the main distinction is between "regular" and "administrative" users. Please consider keeping a copy of this document on hand for future reference.

Table of Contents

Overview	
Table of Contents	
Glossary	2
System Requirements	2
Browser Requirements	2
Device Requirements	2
Installation Instructions	3
Accessing the Client Database	3
Login Page	5
Home Page (Non-admin Account)	6
Home Page (Admin account)	7
Search Page	8
Results Page	9
Client Details	10
Client ID Tab	10
Medical Information Tab	11
Medical Report Download	11
Personal Information	12
Support Team	13
Case Notes	14
New Case Note Button	14
View/Edit	15
Download	15
Delete	16
Reports	17
Example: Mailing List	18
Add New Client	19

Remove Client	19
Assign/Remove a Client	20
Add New Employee	20
Remove an Employee	21
Reset Account Password	

Glossary

- **Browser Cookie**: A small file or part of a file stored on a World Wide Web user's computer, created and subsequently read by a website server, and containing personal information
- **JavaScript**: A programming language that allows programmers to create dynamic and interactive web pages
- **Web Server:** A software application and/or hardware device that stores, processes, and serves web content to users over the internet

System Requirements

Browser Requirements

To access the Web Application, users are required to have a stable internet connection for all operations. Users must use a modern, up-to-date web browser with support for website JavaScript and the storage of browser cookies. Web browsers without enabled JavaScript will not perform many of the system functionalities. The program's authentication logic relies on the storage of a single cookie on the User's computer, so disabling cookies will prevent the User from accessing the entire site.

Users are encouraged to update their web browsers regularly to ensure maximum security.

Device Requirements

The Web Application may be run on both personal computers and smartphones. Personal computers will provide a more comfortable user experience, however smartphones can perform the same functions. Users may find it necessary to zoom in or rotate their smartphones depending on the page layout.

Installation Instructions

General Users: The Web Application can be accessed from the Internet, and therefore does not require any installation from users.

System Administrator: To "install" the program on the Google Cloud Run web server, please follow the instructions provided at

https://cloud.google.com/run/docs/deploying-source-code. After deployment, please set "environment variables" as instructed by

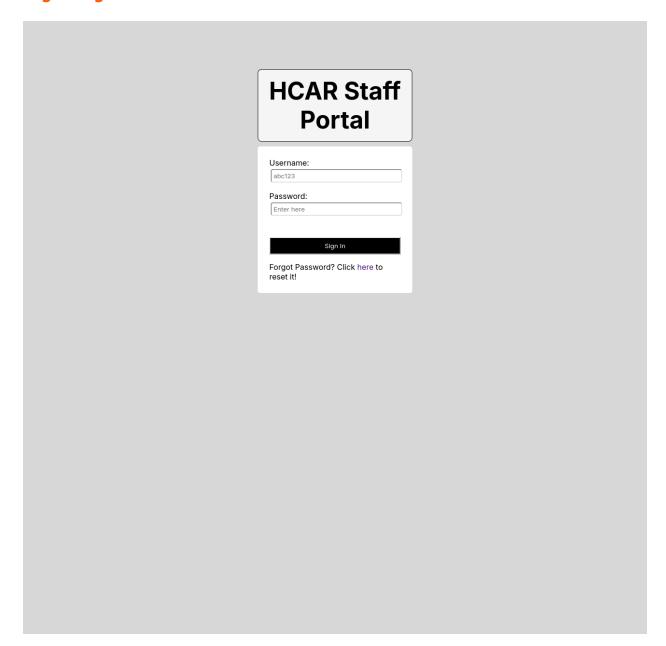
https://cloud.google.com/run/docs/configuring/services/environment-variables.

Accessing the Client Database

The HCAR Client Database is a cloud-based web application that is only available over the internet. During the development phase, the site was located at https://hcar.trujillo-ortiz.com/

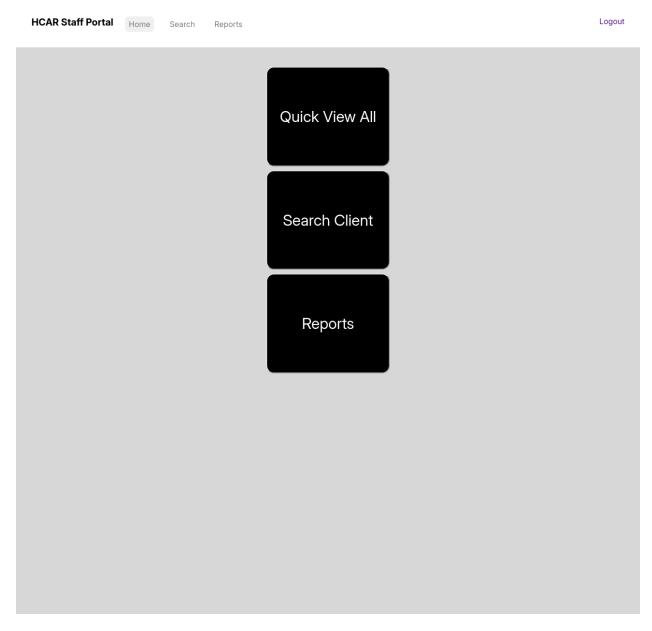
User Interface Overview

Login Page



- Username box: Text box for the username for the User's account
- Password box: Text box for password for the User's account
- Sign In Button: Submits the username and password
 - If either username or password is omitted, an alert message will pop up notifying the user

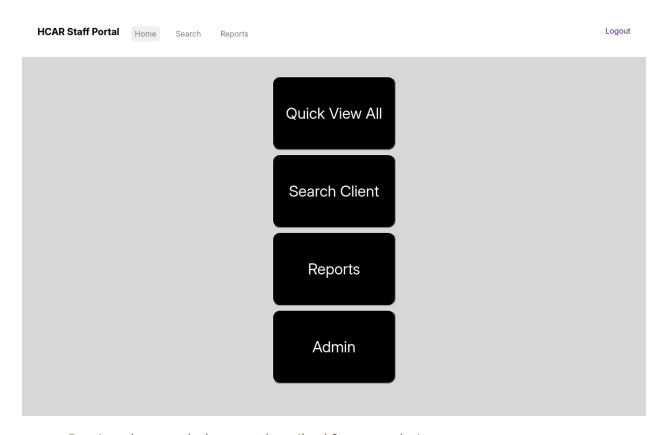
Home Page (Non-admin Account)



- Header Bar: Links to the Home page, Search Client page, Reports page, and a button to Logout of your account
 - Logging out
- Quick View All button: Redirects users to the Results page with no filters applied
 - o The user will not be able to see Clients their account is not allowed to see
- Search Client Button: Redirects users to a Search page to establish search criterias

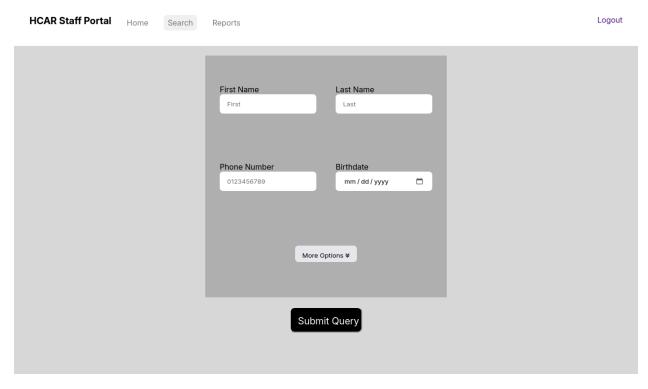
• Reports button: Redirects users to a Reports page where they can select 3 different types of reports to view and download.

Home Page (Admin account)



- Previous buttons behave as described for non-admin
- Admin button: Redirects admin users to a page with several actions that only authorized administrators can perform

Search Page



- Search Field Box: Container with various search boxes, such as First Name, Last Name, Phone Number, Birthdate and more. Text and numeric search filters will be matched regardless of case within the entirety of the related parameter
- More/Less Options button: Toggles more and less search criterion boxes
- Submit button: Submits the search request based on the inputs to the fields in the Search Field Box

Results Page

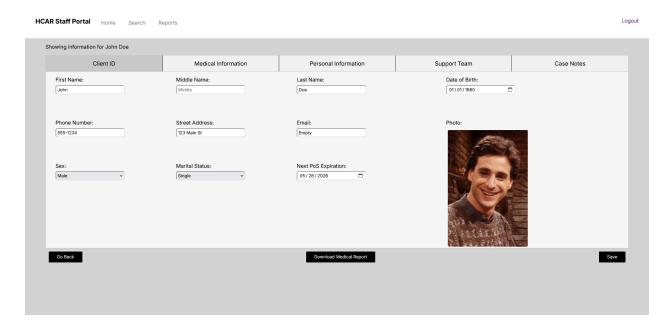
HCAR Staff Portal Home Search Reports Logout

Photo	First Name	м.і.	Last Name	Pronouns	Gender	Phone	Email	Date of Birth	Programs	PoS Status
Picture of John	John		Doe	he/him	Male	555-1234	Empty	1/1/1980	Summit Support Services Bay Center Day Services	5/28/2026
Picture of Alice	Alice		Johnson	she/her	Female	555-9012	Empty	3/20/1975	Canvas + Clay Studio	5/23/2025
Picture of Emily	Emily	F.	Davis	she/her	Female	555-1111	Empty	11/22/1992	Respite Services	5/9/2025
Picture of Chris	Chris		Martinez	they/ them	Non- binary	555-4444	Empty	12/12/1995	Summit Support Services	Not on File
Picture of John	John	M.	Doe	he/him	Male	555-123-4567	johndoe@example.com	5/15/1980	Comprehensive Career Services	Not on File
Picture of Brian	Brian		Young	he/him	Male	555-8888	Empty	3/3/1982	Respite Services	Not on File
Picture of Hannah	Hannah		Lopez	she/her	Female	555-9999	Empty	7/7/1996	Clinical Services	Not on File
Picture of Ethan	Ethan		Clark	he/him	Male	555-1212	Empty	1/1/1983	Self-Determination Program	Not on File
Picture of Olivia	Olivia		Adams	she/her	Female	555-3434	Empty	10/10/1999	Summit Support Services	Not on File
Picture of Noah	Noah		Baker	he/him	Male	555-4545	Empty	5/5/1984	Bay Center Day Services	Not on File
Picture of Sophia	Sophia		Perez	she/her	Female	555-5656	Empty	11/11/1997	Canvas + Clay Studio	Not on File
Picture of Liam	Liam		Harris	he/him	Male	555-6767	Empty	6/6/1981	Comprehensive Career Services	Not on File
Picture of Mason	Mason		Wright	they/ them	Agender	555-8989	Empty	9/9/1986	Clinical Services	Not on File
Picture of Mia	Mia		Hill	she/her	Female	555-9090	Empty	3/3/1993	Self-Determination Program	Not on File
Picture of Logan	Logan		Green	he/him	Male	555-1010	Empty	12/12/1980	Summit Support Services	Not on File
Go Back						← Previous	Next →			Select

- Tabular results of either a request for all clients, or a search based on search criteria
 - Only 15 results are displayed at a time
 - User can select a Client by clicking or tapping on the table row
 - Users must select a Client before clicking the "Select" button to view client details
- Previous/Next buttons: Requests the previous/next set of 15 clients that meet the search criteria. Buttons are disabled if no more results are available.
- Go Back Button: Returns user to previous screen, as if they clicked the "back" arrow in their browser
- PoS Status cells are colored red if they are within 31 days to expiration
- Select Button: If a client has been selected in the table of results, this will send a request for the client details
 - If no client row has been selected, the request is denied and the user is alerted

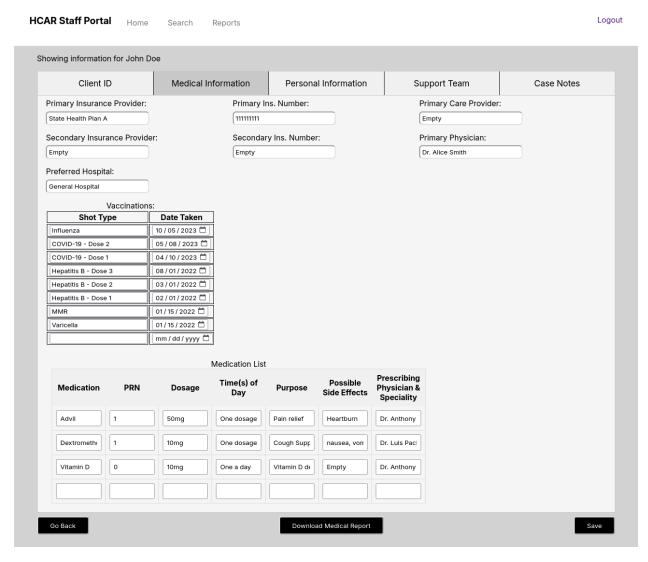
Client Details

Client ID Tab



- Basic Client demographics
- Fields are editable if the current user is an administrator
- Changes are only saved if the user clicks save
 - All changes across ClientID, Medical Information, and Personal Information are saved at once

Medical Information Tab

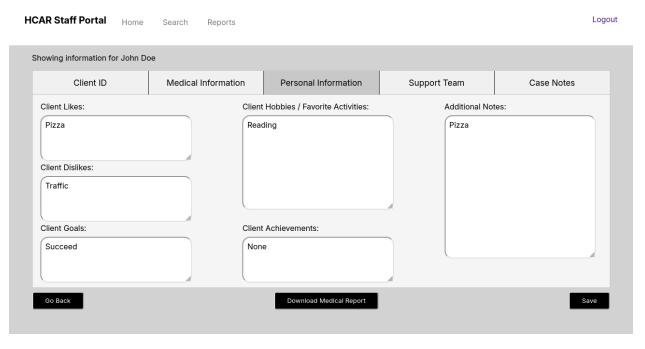


- Basic Medical Information
- Vaccinations and Medications are updated independently of other data changes
 - User must click "Save" to save any other changes to the Medical Information tab
- Only Administrators are allowed to to modify the contents of this tab

Medical Report Download

- Across all tabs of a Client Details request, there is a button in the footer of the page that will download a medical report
- This report opens in a new browser tab and contains all information in the Medical Information tab and some basic demographics for the client

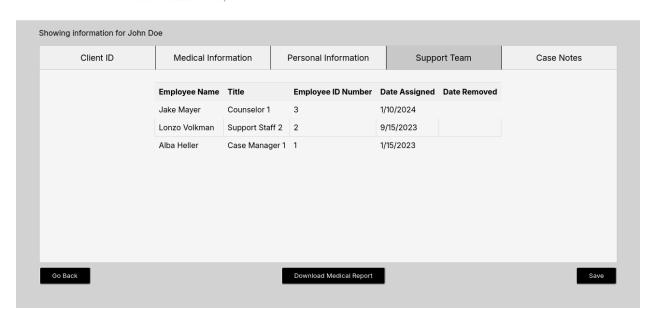
Personal Information



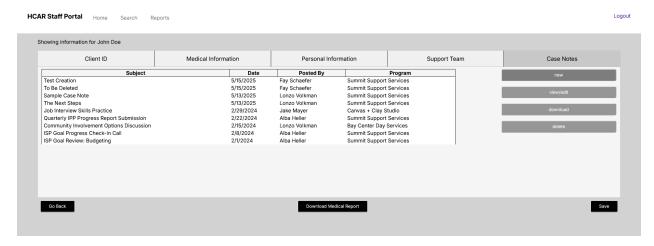
- General information about a client's personal life
- All staff are allowed to edit the data on this tab
 - Users must click "Save" to save their edits
- Character limit of 2048 characters for all text areas

Support Team

HCAR Staff Portal Home Search Reports Logout

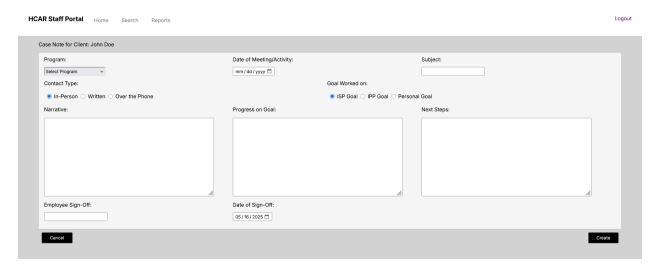


Case Notes



- Case Note tab of Client Details lists existing case notes for a client sorted by date
- If no Case Notes are selected, the user is only allowed to click the "New" button to create a new Case Note
- If a Case Note has been selected from the table by a click/tap on the row, the View/Edit, Download, and Delete buttons are enabled

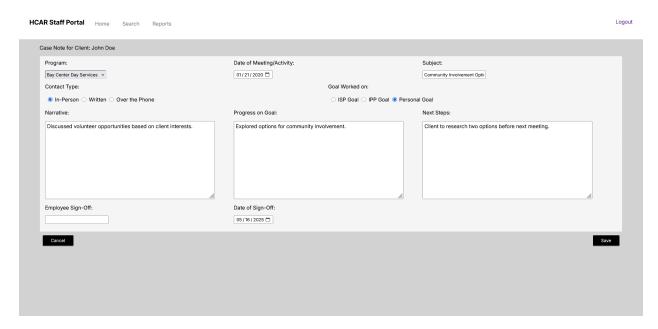
New Case Note Button



- Clicking the "New" button brings the user to a new page where they can create a new Case Note
- If any required fields are not filled out, they are alerted and prevented from submitting the new case note
- Create button: Creates the case note if fields are filled out

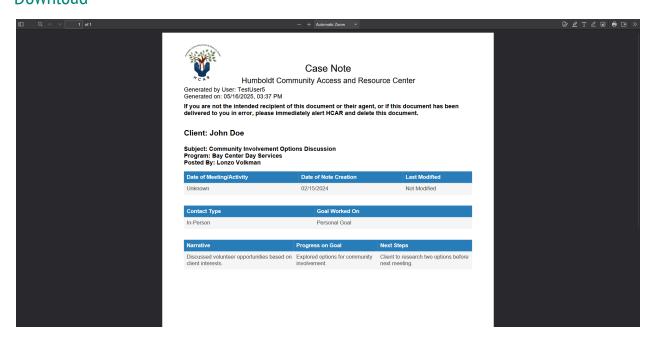
• Cancel Button: Cancels the creation of a new case note

View/Edit



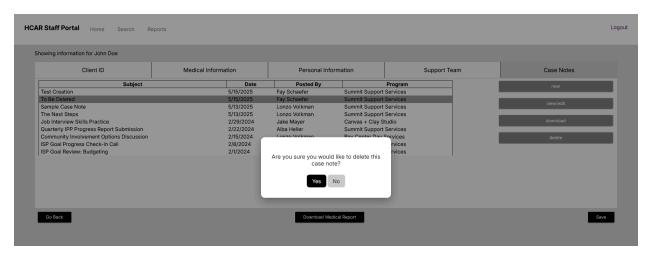
- Clicking on View/Edit takes a user to the View/Edit screen
- If the user has the permission to to edit, upon clicking the "Save" button all changes to the case note are recorded in the database
- Otherwise, users may just view the case note as-is

Download



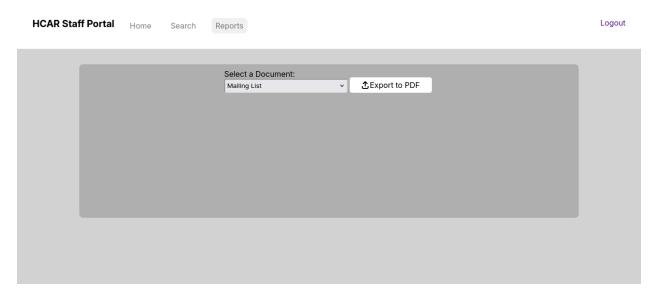
- Clicking "Download" will generate and open a PDF report of the case note in a new browser tab
- The user can then download the PDF or edit it if supported by their browser
 - Most modern desktop browsers allow simple additional edits to PDFs, such as adding text, adding a signature, or directly printing from the browser preview
 - Mobile browsers are more limited and may only support downloading of the generated PDF

Delete



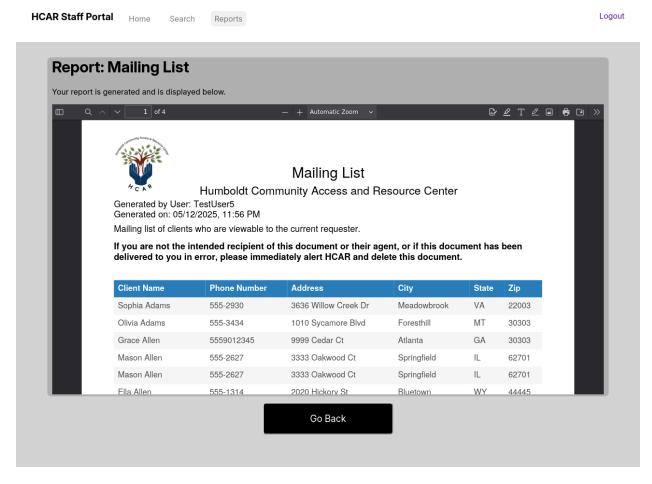
- The "Delete" button will simply delete the selected case note
- A confirmation dialog will be displayed to prevent accidental case note deletion

Reports



- Current reports consist of:
 - Mailing List
 - Name, Contact Information, Address
 - Expiring/Expired Purchase of Services
 - Name, Date of Birth, Phone, PoS Expiration Date, Days Left/Expired
 - o List of All Viewable Clients
 - Name, Date of Birth, Gender

Example: Mailing List

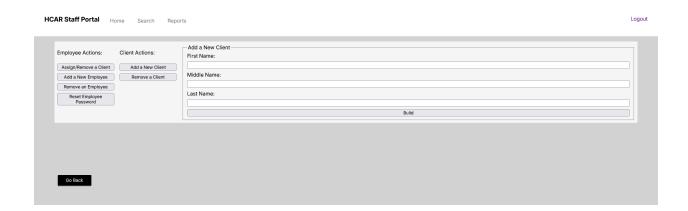


- Reports are generated and displayed in the browser tab, and can be edited using your browsers default PDF tools
 - Phone browsers may be limited to only downloading or printing the PDF with no edit functionality

Admin Functionality

- Admin functionality is restricted only to accounts created as admins
- Admins may see all clients in the database
- User interface for admin functionality is subject to visual improvements in further iterations

Add New Client

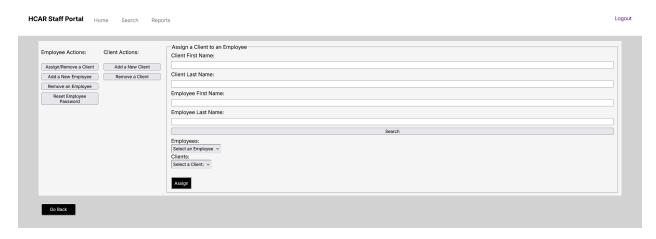


Remove Client



 Admin must search for a client and select one from the results before being able to delete

Assign/Remove a Client



• Admin must search for a client and employee in order to modify their staff-client relationship

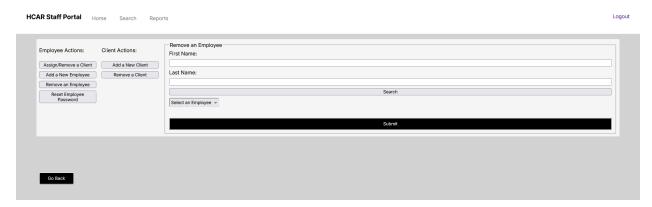
Add New Employee



- In a future release, creation of employee accounts will automatically generate a temporary password for their account
- Admins must securely communicate password with the user
- Upon logging in for the first time with the new password, they will be prompted to set their own password

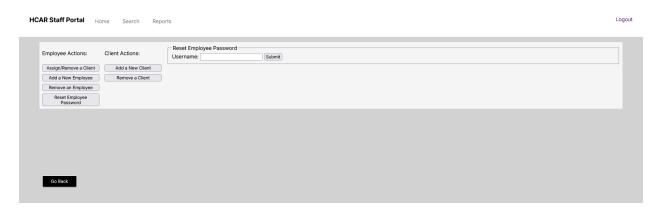
- WARNING: Users should create strong passwords and our team highly recommends adequate training on password creation and management. Please refer to the National Institute of Standards and Technology's recommendations on passwords:
 - https://www.nist.gov/cybersecurity/how-do-i-create-good-password
- Long passwords are mathematically proven to be more secure than shorter, more abstract passwords. The current HCAR client database accepts passwords up to 32 characters long.
- **NOTE**: The HCAR client database requires passwords at least 8 characters long, but NIST standards recommend 15 characters in a password.

Remove an Employee



- Admin must search for an employee by name and make a selection from the results presented
- Removal of employees will remove their login credentials and traces of them as staff, but case notes created by them will remain in the system
 - For removed admin accounts, any results of their changes will also persist, such as new clients or new accounts

Reset Account Password



- Admin must enter the exact account username for the account password they wish to reset
- Once the reset request has been submitted, a new temporary account password will be displayed
- This password should be securely communicated to the user
- Upon logging into the account with the temporary password, the user will be forced to set a new password before proceeding further to the online portal