Highlander Industries Employee & Contract Tracker

Employee & Contract web application (User Guide)

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1 Introduction

1.1 Application Users

This application manages employees and contracts for Highlander Contracting Services LLC ™. This application will have three different user views separated from the Admin, Manager, and Regular User.

All these user configurations alter the database tables allowing modification and shift.

Highlander contracting service will have a system like retailers, where a contract is made, and a new user is registered. Consultants and Admins have access to contract creation and user monitoring. This application will help for long term planning and database organization.

This applications system will provide an interface hierarchy where Amins have the most, followed by managers, and finished by regular users. There will be a registration and user creation tab, where regular users may sign up for regular use.

1.2 Guide Use

This guide is intended for beginners and users of the Highlander Database System.

- Regular User regular users will learn how to log in to account, manage contracts (create, delete, modify), and view database information. Modification on allowed tabs will be fully accessible.
- Admin administrators will learn how to log in to account, create contracts, and manage members. All modifications are accessible.
- Manager managers will learn how to login to account, create contracts, and modify contract types. This will overall specify manager requirements.

(Use case images will be further provided later in this user guide)

2 Features

2.1 Admin Features

- Login / Logout of the system
- Access Admin System Management
- Create User Account (Required: First Name, Last Name, Password, Re-Enter Password,
 Username, Phone Number, and User Type (Manager, Member)
- To create an Admin Account, database must be modified
- Access Manager View (Add New Contract, Contract Update, Contract Delete, Paid List, and Unpaid List)
- To Add Contract (Order ID is automatically made), (Contact, Type, Price, Payment needs to be specified)
- Contract Update access will be available as admin
- Contract Delete to remove unwanted contracts
- Paid list to display all contract paid lists
- Unpaid list to display all contract unpaid lists
- Access View Contracts View (Access given to admin to view all contracts and modify all its contents)
- Access User List View displays all users in the system, available for modification.
- Admin will not have access to user passwords stored in database

2.2 Manager Features

- Login / Logout of the system
- Access Manager System Management
- To create a Manager Account, database must be modified
- Access Manager View (Add New Contract, Contract Update, Contract Delete, Paid List, and Unpaid List)
- To Add Contract (Order ID is automatically made), (Contact, Type, Price, Payment needs to be specified)
- Contract Update access will be available as manager
- Contract Delete to remove unwanted contracts
- Paid list to display all contract paid lists
- Unpaid list to display all contract unpaid lists
- All manager views will have an option to export data as a pdf list for ease of access.

2.3 Regular User Features

- Login / Logout of the system
- Access User Management
- Has a contracts view lookup (contracts of that specific user)
- Has Contract Lookup, and contract type
- Can fill up contract details (ID, Contract, Type, Material Source, Price, Crew Amount, and Annual Crew Quantity)
- User can add made contract to cart and checkout.

3 Admin Users - Tour & Use

Admin Login

Upon launching application, the user is greeted with the view below (Fig. 1). This view shows the login page in which admin can input data (username and password) for login. However, admins cannot register an account, as their account needs to be made from database data itself.

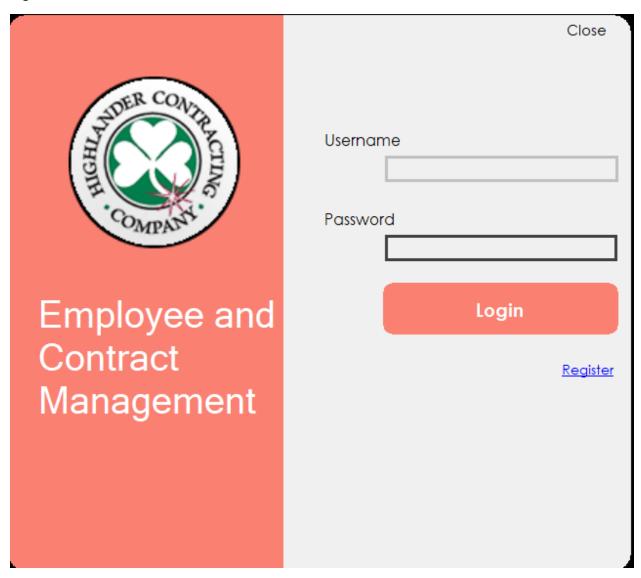


Fig. 1

When username and password are given, Admin user may login by pressing the "Login" button colored in salmon.

If user gives the wrong login and password, prompt will be given (Fig. 2) of invalid password or login ID. This prompt will tell the user that the password or user ID is invalid.

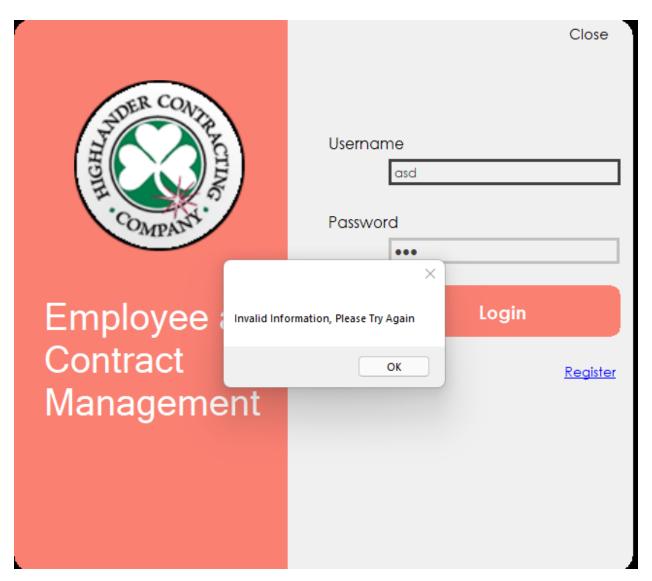


Fig. 2

Homepage

Upon Successful login, user is greeted with Admin management view. Admin will have access to the console with tabs (Modify User, Modify Manager, View Contracts, View Orders) (Fig. 3). Admin will also see Account creation section on the other side of the page, to where Details need to be paced for account creation (Fig. 4).

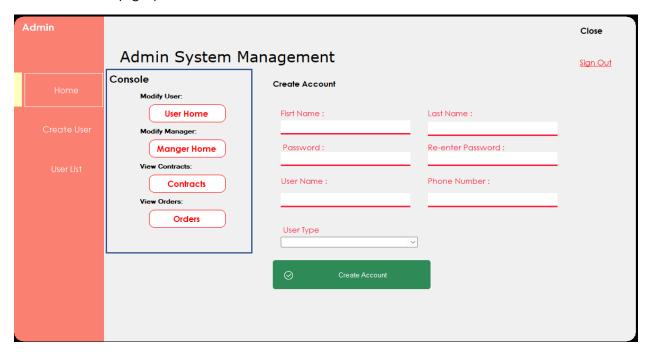


Fig. 3

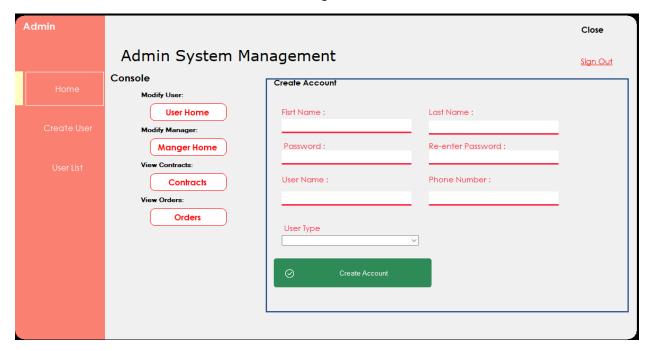


Fig. 4

With this homepage view, Admin will also have access to other tabs on the left-hand side of the screen

Along with the Create User and Home view, Admin will be able to click on User list view. This view allows the admin to view the user list (Regular, Manager, and Admin) (Fig. 5).

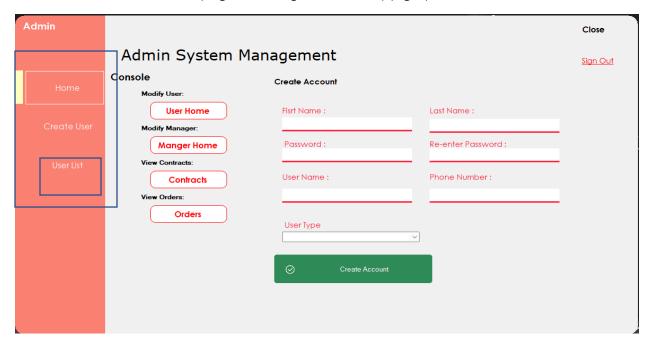


Fig. 5

Manage Users

When prompted to go to User List view, Admin will see User page with all user details and information. Seen in Fig. 6 (System Users List). Figure 6 also allows the admin to delete user data from the database.

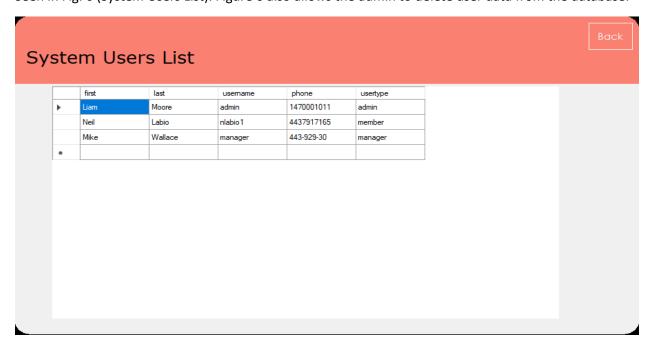


Fig. 6

Manage Contracts

For Admin to access manager control view for Manager home and contract addition, Admin needs to click on User Home button prompt, leading them to admin contract creation page (Fig. 7) – (Fig 8).

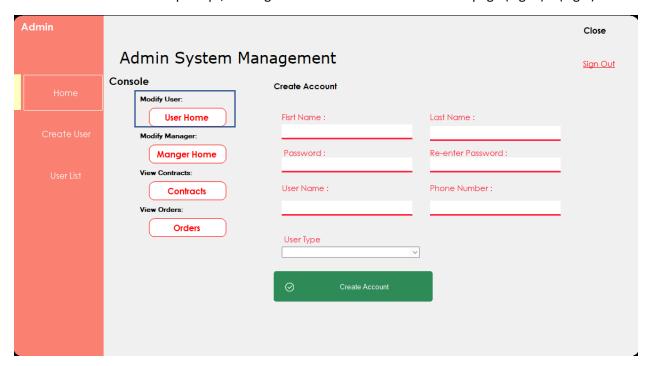


Fig. 7

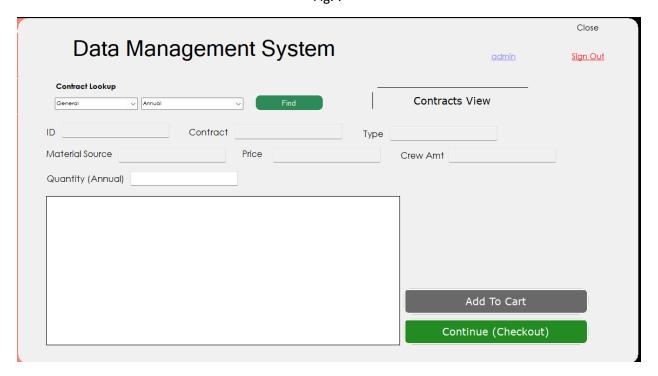


Fig.8

Figure 8 shows the data management system page to view admin contracts and to make new admin contracts.

Clicking on the Manager Home button allows the admin to access the manager page, to where the manager can add new contracts, update contracts, delete contracts, view paid contracts, view unpaid contracts (Fig. 9).

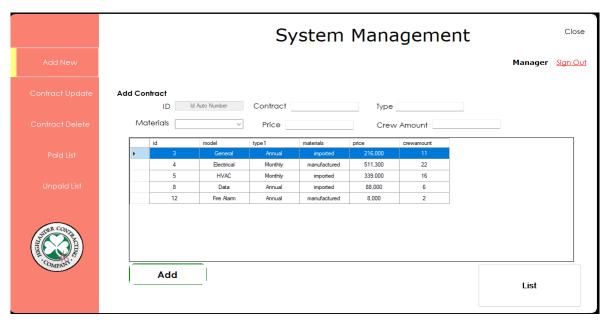


Fig. 9

Logout

To logout admin can click the sign out prompt on the top-left of the application tab, returning the user back to Figure 1. (Fig 10)

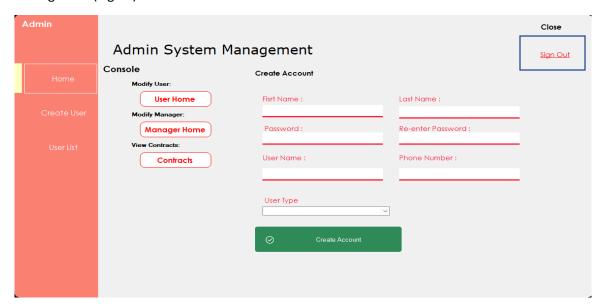


Fig. 10

4 Managers – Tour & Use

Home Page & Login

Like all users, managers are greeted with the home page (Fig. 1), where they are prompted to login.

Managers cannot register for their own accounts, and if needed Amin must create an account for them.

Manage Profile and Contract Update

When successfully signed in, manager view will show System Management, where they can modify and change contract details.

The first view shows the add new contract view, where manager has the option to create a contract based on given constraints (Fig. 11)

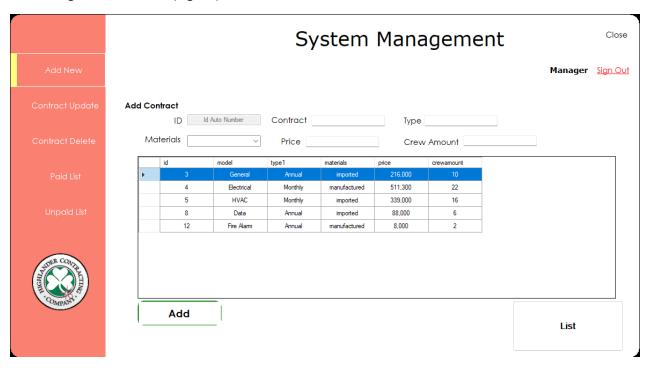
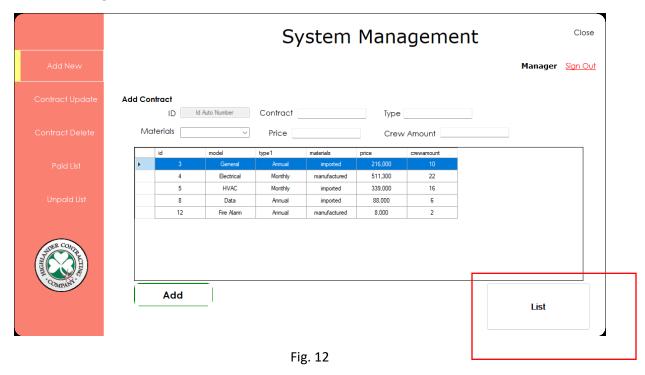


Fig. 11

Each view will also have a list export option, where the user has the option to export the data to a pdf when needed. (Fig. 12)



The contract Update view allows the manager to edit and modify contract availabilities and crew amounts with specific constraints, the manager may then update the data when pressed "Update" (Fig. 13).

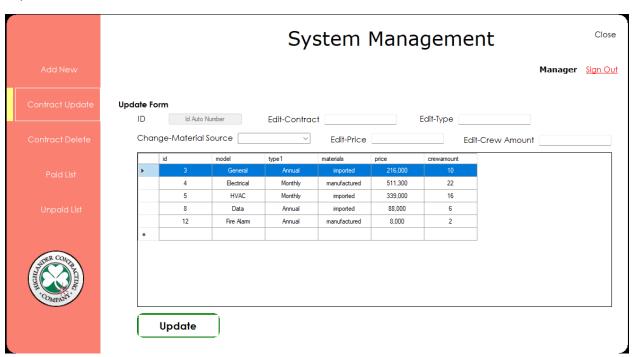


Fig. 13

Manager will also have the option to Update already present contract data from the database. Clicking on a contract will autofill the information, and manager must edit each tab (Fig. 14).

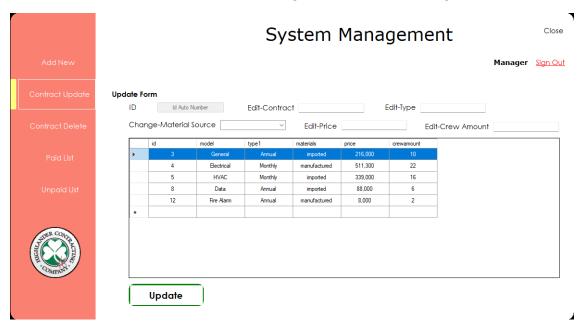


Fig. 14

Manager will also have the option to Delete already present contract data from the database. Clicking on a contract will autofill the information, and manager must press delete to complete request (Fig. 15).

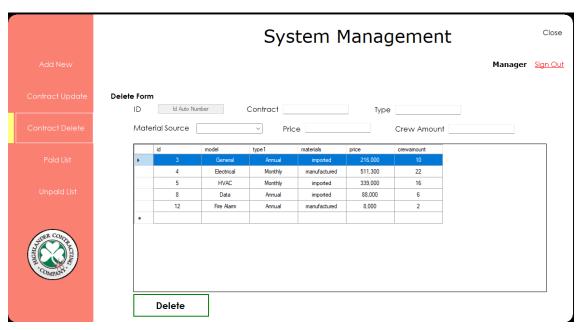


Fig. 15

A paid view is also added to show managers if contract order is available and paid. This paid list has 2 buttons to mark contract as unpaid or delete the existing contract (Fig. 16). Managers can specify the contract details by filling in the information within the requested tabs.

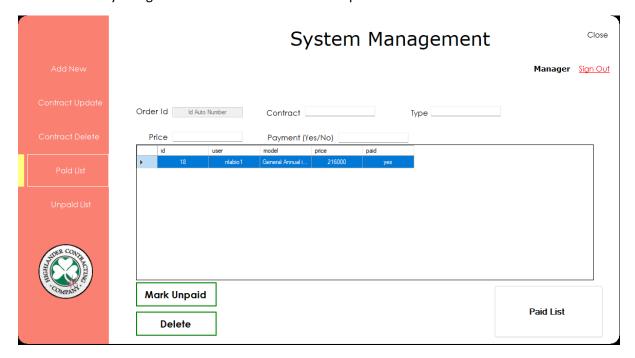


Fig. 16

At the end of the managers view, an unpaid list can be seen with all the unpaid contract orders. Managers will then have the option to make that contract paid or delete it form the database (Fig. 17).

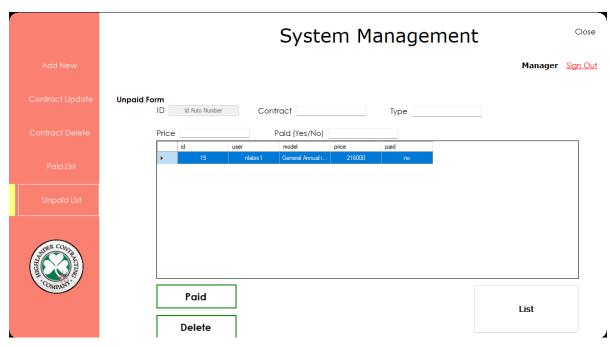


Fig. 17

Logout

For the Manager to logout, like the manager and admin, there is an application button located in the top right of the application (Fig. 18), and when interacted with, will send the user back to application home page (Fig. 1).

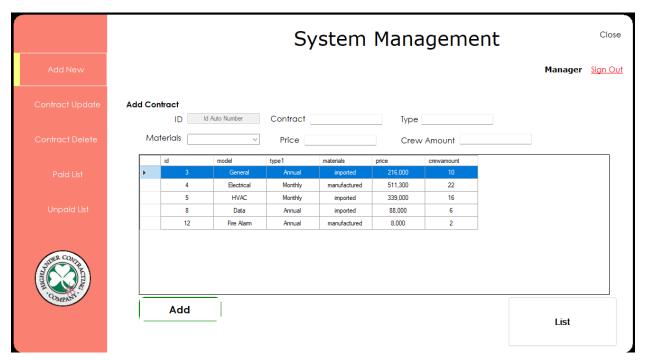


Fig. 18

5 Regular Users - Tour & Use

Home Page, Login and Registration

Regular Users will be prompted the same home page when application is running (like admin and manager). With this instance, user can input valid identification and press login (Fig. 1) to enter application. If failed prompt will show of login failure (Fig. 2). With Regular User, they have an option to register for an account. By pressing register on the home page (Fig. 19), they will be directed to register view.

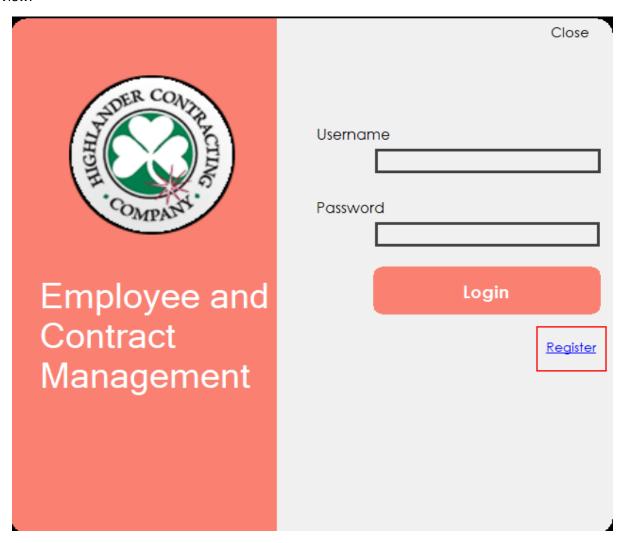


Fig. 19

The register view shown below (Fig. 20), prompts the regular user to input their first name, last name, wanted username, contact information (number), password, and password validation. If all registration information is valid, then the account is made. If registration is invalid, then a prompt will be given to notify the user (Fig. 21a, 21b).

		Close
Register		
First Name :		
Last Name :		
Username :		
Contact:		
Password :		
Retype Password :		
	Register	
		<u>Back To Login Page</u>

Fig. 20

Figure 21a and 21b will show the successful and incomplete regular user registration, when making a new account for the database application. When making an account fails, it is not stored into the database, but is still modifiable.



Fig. 21a (Successful Registration)

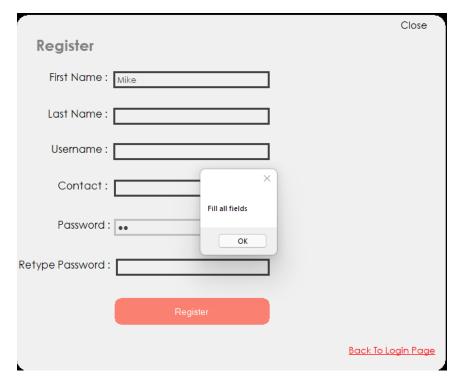


Fig. 21b (Failed Registration)

When logged in user sees the Data Management System View, where user can lookup contracts and add contracts to cart and checkout (Fig. 22a) – (Fig. 22b).

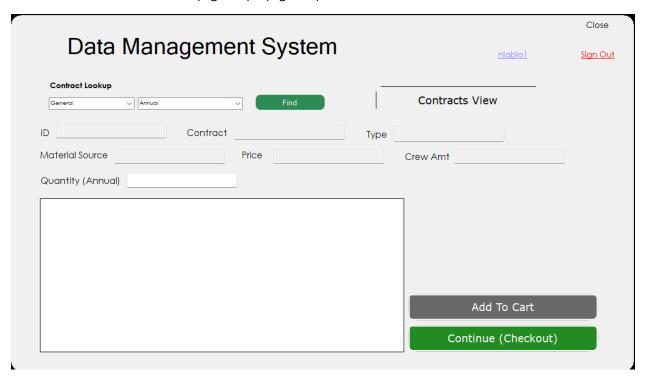


Fig. 22a

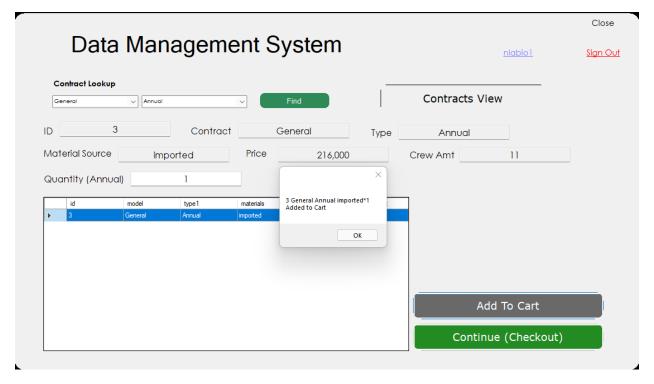


Fig. 22b

After user specifies the type of contract they need and checks out (Cancel or Confirm) (Fig 23a), afterwards they can view their purchase with the following screen (Fig 23b).

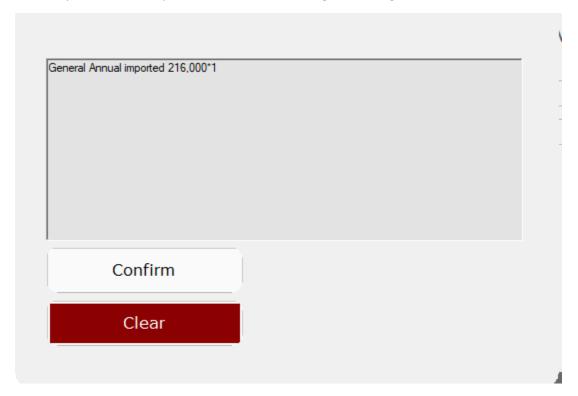


Fig. 23a

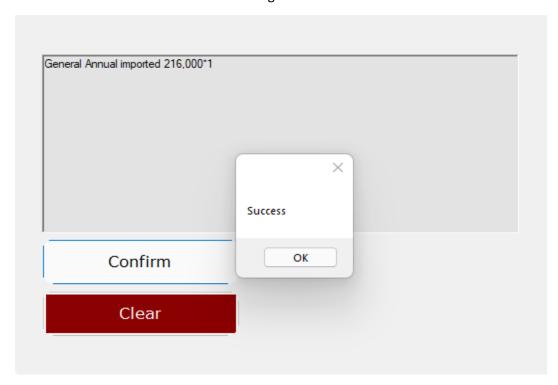


Fig 23b

User will also have the option to view all contracts in this tab, by clicking on Contracts View button located on the top right of the screen (Fig. 24a), where they will have the option to create another contract or delete existing ones. (Fig. 24b).

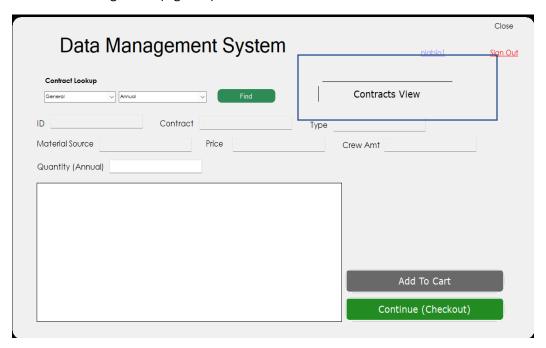


Fig. 24a

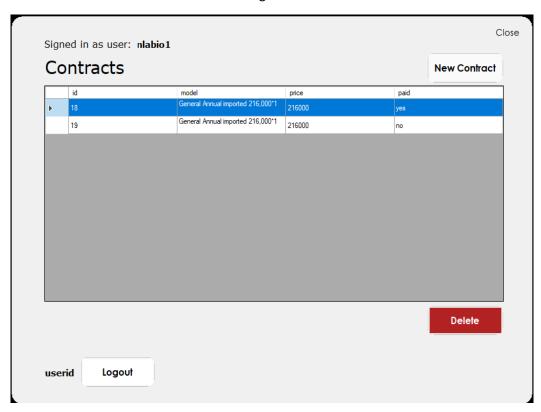


Fig. 24b

Logout

For the User to logout, like the manager and admin, there is an application button located in the top right of the application (Fig. 25), and when interacted with, will send the user back to application home page (Fig. 1).

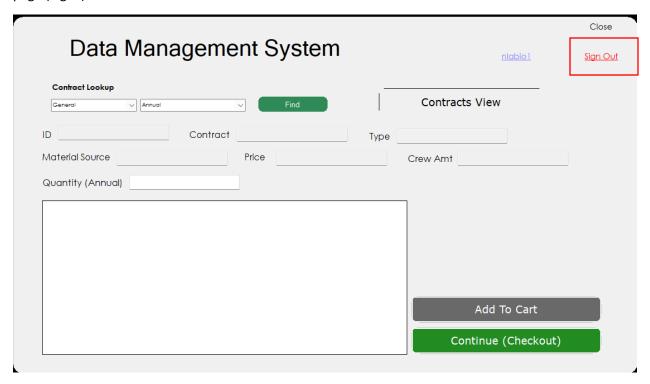


Fig. 25