WEB ROUTING

USER MANUAL

SLIPPERY ROCK UNIVERSITY

Joshua Gearhart jjg1018@sru.edu

Nicholas Bushée nab1017@sru.edu

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# 1. Getting started – Home PAge and Navigation

Upon program launch, the user is greeted by the Enterprise Routing System home page (**Figure 1**). The user has the option to navigate to either the log in page or the account registration page. The side navigation bar (**Figure 1 - on left**) will present different options pertaining to the user’s role and is available across the website. It is collapsible via the ‘  ’ button in the top right of the bar. The navigation bar can be expanded by clicking the ‘  ‘ button (**Figure 2 - on left)**

Graphical user interface, table

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**Figure 1 – Home Page of Enterprise Routing System (Content-Push Nav-Bar Open)**

A picture containing graphical user interface

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**Figure 2 – Home Page of Enterprise Routing System (Content-Push Nav-Bar Closed)**

# 2. Login and users

A fresh installation of the program comes with the following default role accounts preinstalled:

|  |  |  |
| --- | --- | --- |
| **Default Credentials/Role** | **Username** | **Password** |
| **ADMIN** | AdminTry | AdminTry |
| **SHIPPER** | Shipper | Password |
| **CARRIER** | Carrier | Password |
| **MASTER LIST** | Master | Password |

See Section 2.2\* for more details on the permissions/level of access for each role.

2.1 Registration

On the homepage, click ***Create Account*** or select the ***Registration*** tab on the sidebar to navigate to the ***Registration Home*** page (**Figure 3**).

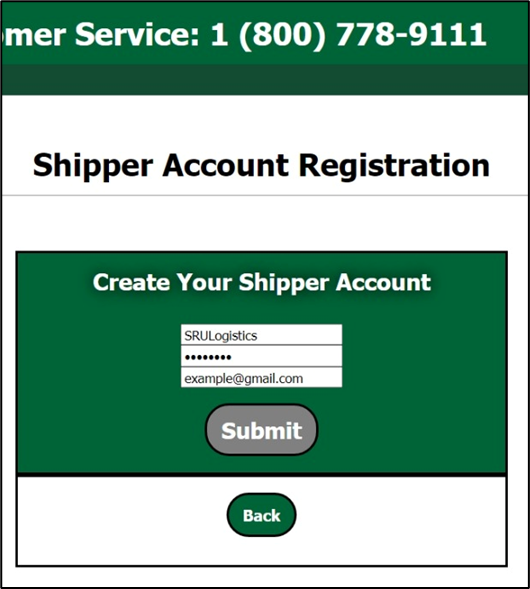
This page provides general details of what features and functions each account type provides the user.

Graphical user interface, application

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**Figure 3 – Registration Home Page**

### 2.1.1 shipper account registration

Clicking the ***SELECT*** button under the **SHIPPER** column on the ***Registration Home*** page will redirect the user to the ***Shipper Registration*** page and display the form to create a shipper account (**Figure 4**). Fields the user must provide are a ***Username***, ***Password***, and ***Email***.

The username MUST be **at least 6 characters long and LESS THAN 32 characters**. The password MUST be **at least 8 characters long and LESS THAN 32 characters**.

An improper submission will prompt the user with an error message depending on what field was not filled in correctly.

A proper form submission will load a captcha onto the screen for the user to validate that they are not a robot (**Figure 5**). After handling the captcha, the user has created a user account with the ***SHIPPER*** role assigned to it. For further details on **Figure 4 – Shipper Registration Form** roles, see Section 2.2\* **Note:** aftersuccessfully creating an account, the user will be redirected to the ***Login*** page.

**Graphical user interface, website

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**Figure 5 – Shipper Registration Form Captcha**

### 2.1.2 carrier account registration

![Graphical user interface, text, application

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generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4T/qRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIyOjExOjE1IDE0OjEyOjEyAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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q/+CPUv/kaj/h6F+zJ/wBFNX/wR6l/8jUAfU9FfLH/AA9C/Zk/6Kav/gj1L/5Go/4ehfsyf9FNX/wR6l/8jUAfU9FfLH/D0L9mT/opq/8Agj1L/wCRqP8Ah6F+zJ/0U1f/AAR6l/8AI1AH1PRXyx/w9C/Zk/6Kav8A4I9S/wDkaj/h6F+zJ/0U1f8AwR6l/wDI1AH1PRXyx/w9C/Zk/wCimr/4I9S/+RqP+HoX7Mn/AEU1f/BHqX/yNQB9T0V8sf8AD0L9mT/opq/+CPUv/kaj/h6F+zJ/0U1f/BHqX/yNQB9T0V8sf8PQv2ZP+imr/wCCPUv/AJGo/wCHoX7Mn/RTV/8ABHqX/wAjUAfU9FfLH/D0L9mT/opq/wDgj1L/AORqP+HoX7Mn/RTV/wDBHqX/AMjUAfU9FfLH/D0L9mT/AKKav/gj1L/5Go/4ehfsyf8ARTV/8Eepf/I1AH1PRXyx/wAPQv2ZP+imr/4I9S/+RqP+HoX7Mn/RTV/8Eepf/I1AH1PRXyx/w9C/Zk/6Kav/AII9S/8Akaj/AIehfsyf9FNX/wAEepf/ACNQB9T0V8sf8PQv2ZP+imr/AOCPUv8A5Go/4ehfsyf9FNX/AMEepf8AyNQB9TbR6D8qTav90flXy1/w9C/Zk/6Kav8A4I9S/wDkaj/h6F+zJ/0U1f8AwR6l/wDI1AH1LtX+6Pyo2r/dH5V8tf8AD0L9mT/opq/+CPUv/kaj/h6F+zJ/0U1f/BHqX/yNQB9S7V/uj8qNq/3R+VfLX/D0L9mT/opq/wDgj1L/AORqP+HoX7Mn/RTV/wDBHqX/AMjUAfUu1f7o/Kjav90flXy1/wAPQv2ZP+imr/4I9S/+RqP+HoX7Mn/RTV/8Eepf/I1AH1LtX+6Pyo2r/dH5V8tf8PQv2ZP+imr/AOCPUv8A5Go/4ehfsyf9FNX/AMEepf8AyNQB9TYA6DFLXyx/w9C/Zk/6Kav/AII9S/8Akaj/AIehfsyf9FNX/wAEepf/ACNQB9T0V8sf8PQv2ZP+imr/AOCPUv8A5Go/4ehfsyf9FNX/AMEepf8AyNQB9T0V8sf8PQv2ZP8Aopq/+CPUv/kaj/h6F+zJ/wBFNX/wR6l/8jUAfU9FfLH/AA9C/Zk/6Kav/gj1L/5Go/4ehfsyf9FNX/wR6l/8jUAfU9FfLH/D0L9mT/opq/8Agj1L/wCRqP8Ah6F+zJ/0U1f/AAR6l/8AI1AH1PRXyx/w9C/Zk/6Kav8A4I9S/wDkaj/h6F+zJ/0U1f8AwR6l/wDI1AH1PRXyx/w9C/Zk/wCimr/4I9S/+RqP+HoX7Mn/AEU1f/BHqX/yNQB9T0V8sf8AD0L9mT/opq/+CPUv/kaj/h6F+zJ/0U1f/BHqX/yNQB9T0V8sf8PQv2ZP+imr/wCCPUv/AJGo/wCHoX7Mn/RTV/8ABHqX/wAjUAfU9FfLH/D0L9mT/opq/wDgj1L/AORqP+HoX7Mn/RTV/wDBHqX/AMjUAfU9FfLH/D0L9mT/AKKav/gj1L/5Go/4ehfsyf8ARTV/8Eepf/I1AH1PRXyx/wAPQv2ZP+imr/4I9S/+RqP+HoX7Mn/RTV/8Eepf/I1AH1PXwj/wT/8A+TtP2y/+xptP/R+pV6Kf+CoH7MZyf+FnL/4I9T/+Rq8g/wCCZvjDSPiD+0R+1p4m0C7+36Jq+v2F7ZXXlvH5sMkuosjbXAZcgg4YA+ooA/QiiiigArjvEfwb8A+MNWl1TXvBPh3WtSlCq95qGlQTzMAAAC7IScAAdegFFFAGZ/wzn8Kf+iZ+EP8AwRWv/wAbo/4Zz+FP/RM/CH/gitf/AIiiigA/4Zz+FP8A0TPwh/4IrX/4ij/hnP4U/wDRM/CH/gitf/iKKKAD/hnP4U/9Ez8If+CK1/8AiKP+Gc/hT/0TPwh/4IrX/wCIoooAP+Gc/hT/ANEz8If+CK1/+Io/4Zz+FP8A0TPwh/4IrX/4iiigA/4Zz+FP/RM/CH/gitf/AIij/hnP4U/9Ez8If+CK1/8AiKKKAD/hnP4U/wDRM/CH/gitf/iKP+Gc/hT/ANEz8If+CK1/+IoooAP+Gc/hT/0TPwh/4IrX/wCIo/4Zz+FP/RM/CH/gitf/AIiiigA/4Zz+FP8A0TPwh/4IrX/4ij/hnP4U/wDRM/CH/gitf/iKKKAD/hnP4U/9Ez8If+CK1/8AiKP+Gc/hT/0TPwh/4IrX/wCIoooAP+Gc/hT/ANEz8If+CK1/+Io/4Zz+FP8A0TPwh/4IrX/4iiigA/4Zz+FP/RM/CH/gitf/AIij/hnP4U/9Ez8If+CK1/8AiKKKAD/hnP4U/wDRM/CH/gitf/iKP+Gc/hT/ANEz8If+CK1/+IoooAP+Gc/hT/0TPwh/4IrX/wCIo/4Zz+FP/RM/CH/gitf/AIiiigA/4Zz+FP8A0TPwh/4IrX/4ij/hnP4U/wDRM/CH/gitf/iKKKAD/hnP4U/9Ez8If+CK1/8AiKP+Gc/hT/0TPwh/4IrX/wCIoooAP+Gc/hT/ANEz8If+CK1/+Io/4Zz+FP8A0TPwh/4IrX/4iiigA/4Zz+FP/RM/CH/gitf/AIij/hnP4U/9Ez8If+CK1/8AiKKKAD/hnP4U/wDRM/CH/gitf/iKP+Gc/hT/ANEz8If+CK1/+IoooAP+Gc/hT/0TPwh/4IrX/wCIo/4Zz+FP/RM/CH/gitf/AIiiigA/4Zz+FP8A0TPwh/4IrX/4ij/hnP4U/wDRM/CH/gitf/iKKKAD/hnP4U/9Ez8If+CK1/8AiKP+Gc/hT/0TPwh/4IrX/wCIoooAP+Gc/hT/ANEz8If+CK1/+Io/4Zz+FP8A0TPwh/4IrX/4iiigA/4Zz+FP/RM/CH/gitf/AIij/hnP4U/9Ez8If+CK1/8AiKKKAD/hnP4U/wDRM/CH/gitf/iKP+Gc/hT/ANEz8If+CK1/+IoooAP+Gc/hT/0TPwh/4IrX/wCIo/4Zz+FP/RM/CH/gitf/AIiiigA/4Zz+FP8A0TPwh/4IrX/4ij/hnP4U/wDRM/CH/gitf/iKKKAD/hnP4U/9Ez8If+CK1/8AiKP+Gc/hT/0TPwh/4IrX/wCIoooAP+Gc/hT/ANEz8If+CK1/+Io/4Zz+FP8A0TPwh/4IrX/4iiigA/4Zz+FP/RM/CH/gitf/AIij/hnP4U/9Ez8If+CK1/8AiKKKAD/hnP4U/wDRM/CH/gitf/iKP+Gc/hT/ANEz8If+CK1/+IoooAP+Gc/hT/0TPwh/4IrX/wCIo/4Zz+FP/RM/CH/gitf/AIiiigA/4Zz+FP8A0TPwh/4IrX/4ij/hnP4U/wDRM/CH/gitf/iKKKAD/hnP4U/9Ez8If+CK1/8AiKP+Gc/hT/0TPwh/4IrX/wCIoooAP+Gc/hT/ANEz8If+CK1/+Io/4Zz+FP8A0TPwh/4IrX/4iiigA/4Zz+FP/RM/CH/gitf/AIij/hnP4U/9Ez8If+CK1/8AiKKKAD/hnP4U/wDRM/CH/gitf/iK6Dwj8OvCvgBrseF/DWj+Hftez7R/ZVhFbedt3bN+xRuxubGem4+tFFAHSUUUUAf/2Q==)Clicking the ***SELECT*** button under the **CARRIER** column on the ***Registration Home*** page will redirect the user to the ***Carrier Registration*** page and display the form to create a carrier account (**Figure 5**). Fields the user must provide are a ***Username, Password, Email, Carrier Name, SCAC #, Pallets, Weight, Less-Than-Truckload (LTL), and Full-Truckload (FTL)***

The Username MUST be **at least 6 characters long and LESS THAN 32 characters**. The Password MUST be **at least 8 characters long and LESS THAN 32 characters**. The Carrier Name MUST not already exist in the database. The SCAC code MUST be **at least 2 characters long and NO MORE THAN 4 characters.**

An improper submission will prompt the user with an error message depending on what field was not filled in correctly.

**Figure 6 – Carrier Registration Form**

A proper form submission will prompt a captcha validation like the one seen in **Figure 5**; after navigating the captcha, a user account is created with the ***CARRIER*** role assigned to it. For further details on roles, see Section 2.2\*; for further information on carriers, see Section 11\*. **Note:** After successfully creating an account, the user will be redirected to the ***Login*** page.

2.2 ROLES

Every user account has a role assigned to it, and there are four roles in Enterprise Routing System: **ADMIN, SHIPPER, CARRIER, and MASTER LIST**. When logged in as an admin, the roles can be viewed on the ***Users*** page (*See Section 2.3 for more details)*. On the ***Users*** page (**Figure 8**), click the ***View Available Roles*** button to navigate to the ***Roles page*** (**Figure 7**). Here, the admin can see each user associated with each of the four available roles.

Graphical user interface, table

Description automatically generated

**Figure 7 – Roles Page on Admin Account**

Below is a description of each role and its unique set of permissions:

**ADMIN –** Administrator accounts are the only accounts that can change user account information. Non-admin users should contact admin users if they encounter trouble logging into their account. Administrator accounts have access to the following:

* Users (Section 2.3)

**SHIPPER –** Shipper accounts can create shipments that carrier accounts can then bid on. Shippers can also edit shipment details on shipments that have not yet been accepted. Shipper accounts have access to the following:

* Shipments (Section )

**CARRIER –** Carrier accounts have the widest range of permissions, as they interact with many of the system components. They can view both pending and accepted shipments and place bids on the pending shipments. If the bid is accepted, that shipment is assigned to the carrier account, and edit access to the shipment is granted to the carrier account. Carrier accounts have access to the following:

* **Contacts (Section 3)**
* **Carriers (Section 4)**
* **Locations (Section 5)**
* **Vehicle Types (Section 6)**
* **Vehicles (Section 7)**
* **Drivers (Section 8)**
* **Technicians (Section 9)**
* **Maintenance Orders (Section 10)**
* **Shipments (Section 11)**
* **Routes (Section 12)**

**MASTER LIST –** Master List accounts have a more in-depth view of all the shipments. They can see all shipments as well as the planned shipping date(s), the assigned carrier, and even the assigned vehicle for the shipment. Master List accounts have access to the following:

* **Carriers (Section 4)**
* **Shipments (Section 11)**
* **Routes (Section 12)**

**UBIQUITOUS PERMISSIONS –** All roles may access the ***Home, Login,*** and ***Registration*** pages. All roles may also log in, log out, and update their personal user details from their home screen.

2.3 USERS – ADMIN ACCOUNT

The ADMIN role has access to the ***Users*** tab in the side navigation bar. The tab navigates to a page displaying information for every registered user (**Figure 6**). Here, the admin can see ID numbers, usernames, emails, roles, and assigned carriers; the admin can also edit or delete users.

Table

Description automatically generated

**Figure 8 – Admin Users Table**

### 2.3.1 Add user

Click the ***Add a new user*** to add a user. The admin user will be redirected to a page that offers the option to add a user that either has the carrier role or a user that is a non-carrier role (**Figure 7**). If the admin chooses to add a ***Carrier*** user, they will be redirected to a form near-identical to that seen in **Figure 5**. Alternatively, the admin may add either a ***SHIPPER***, ***ADMIN***, or ***MASTER*** ***LIST*** account by selecting ***Other User***. Doing so will bring the admin to a form page that lets the admin add users to the system (**Figure 8**).

**Note:** All fields must be properly filled out for a user to be added to the system. Failing to do so will prompt a message indicating which field has the error.

Graphical user interface, text, application

Description automatically generated

**Figure 9 – Admin Add User Home Page**

**Graphical user interface, application, table, website

Description automatically generated**

**Figure 10 – Admin Add User**

### 2.3.2 update user

The admin can update a user’s email, role, and assigned carrier quite similarly to how users are added. Simply click ***Edit User*** to be redirected to the Update User page (**Figure 9**). Here, the admin can also prompt a password reset for the user.

Graphical user interface, application

Description automatically generated

**Figure 11 – Admin Update User**

2.4 UPDATING USER DETAILS

While an administrator has the capability to update all user account information and reset passwords, the users can also update their own emails and passwords. After logging in, the home page will display an option ***Update User*** in the side navigation bar (**Figure 10**).

Graphical user interface, application, table

Description automatically generated

**Figure 12 – Default Home Page for Logged in User (Arrow On-Left points to Update User tab)**

Upon clicking the ***Update User*** tab, the current user will be redirected to a form where they can update their username, password, and email address.

Graphical user interface, website

Description automatically generated

**Figure 13 – Update-User-Details Page**

# 3. contacts

The ***Contacts*** tab redirects **CARRIER** users to a page with that carrier’s list of contacts. The table contains the name, contact information, and geolocational information for all contacts in the carrier’s book of business (**Figure 12**).

Table

Description automatically generated

**Figure 14 – Contacts Page for Carrier Users**

3.1 ADD CONTACT

To add a contact, Click the ***Add Contact*** Button. This will redirect the user to a form containing the following fields for a contact’s information:

* **First Name** (Ex. *John*)
* **Last Name** (Ex. Williams)
* **Middle Initial** (Ex. *R*)
* **Email** (Ex. *johnrwilliams@gmail.com*)
* **Street Address 1** First line of address (Ex. *662 Grant Street*)
* **Street Address 2** Second line of address (Ex. *Ste 3000*)
* **City** (Ex. *Las Angeles*)
* **State:** Two-character State Code (Ex. *CA*)
* **Zip Code** Six-digit required (Ex. *90210*)
* **Primary Phone #**  (Ex. *310-456-7890*)
* **Work Phone # (if applicable)** (Ex. *310-456-7890*)

Graphical user interface, text

Description automatically generated

**Figure 15 – Form for Carrier to Add a Contact**

3.2 EDIT CONTACT

To change a contact’s information, click the ***Edit*** link for that contact’s row on the table. This will redirect the user to a form identical to **Figure 12.**

Graphical user interface, text, application

Description automatically generated

**Figure 16 – Form for Carrier to Edit a Contact**

3.2 DELETE CONTACT

To delete a contact, click the ***Delete*** link in the table row of the desired contact. The user will be redirected to a confirmation page to check that the user does indeed want to delete the contact. The contact will not be able to be deleted if it is a part of the system elsewhere.

# 4.Locations

The ***Locations*** tab lands the user on a page displaying all relevant information on locations registered to carriers in the system. These locations may be trucking depots, fueling stations, maintenance shops, intermediate hubs, etc. **CARRIER** users can use the locations page (**Figure 17**) to view, add, edit, and delete locations associated with their account.

Graphical user interface, text, table

Description automatically generated

**Figure 17 – Locations Page for Account ‘Carrier’**

4.1 ADD LOCATION

To add a location, click the ***Add Location*** button. The user will be redirected to a page with a form (**Figure 18**) containing the following required fields for a location:

* **Name** (Ex. *John’s Warehouse*)
* **Street Address 1** First line of address (Ex. *662 Grant Street*)
* **Street Address 2** Second line of address (Ex. *Ste 3000*)
* **City** (Ex. *Las Angeles*)
* **State:** Two-character State Code (Ex. *CA*)
* **Zip Code** Six-digit required (Ex. *90210*)
* **Latitude** (Ex. 40.2837465)
* **Longitude** (Ex. -83.2986357)
* **Carrier** Carrier that owns the location (Ex. John’s Logistics)
* **Location Type** (Ex. Warehouse, Hub, Fuel Depot)

Graphical user interface, text

Description automatically generated

**Figure 18 – Form to Add New Location**

4.2 EDIT LOCATION

To edit a location, click the ***Edit*** link on the ***Locations*** page data table (**Figure 17**). The user will be redirected to a form identical to the ***Add Location*** form seen above in **Figure 18.** The user can update all of the original fields entered for the location.

4.3 DELETE LOCATION

To delete a location, click the ***Delete*** link on the ***Locations*** page data table (**Figure 17**). The user will be redirected to a confirmation page (**Figure 19**) where they can select  ***Yes*** to delete the location or ***No*** to keep the location.

Graphical user interface, text, application

Description automatically generated

**Figure 19 – Confirmation Page to Delete Locations**

# 5.Vehicles

The ***Vehicles*** tab lands the logged in **CARRIER** user on a page displaying all relevant information on existing vehicles registered to that user (**Figure 20**). To add a new vehicle, click the ***Add New Vehicle*** button.

Table

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**Figure 20 – Vehicles Home Page for Carrier Accounts**

5.1 ADD VEHICLE

Upon clicking the ***Add New Vehicle*** button on the Vehicles, the user will be redirected to a form page (**Figure 21**)where all relevant fields to a vehicle can be entered. The fields are as follows:

* + **Plate Number**: Vehicle’s License Plate (Ex. - 0010)
  + **VIN Number:** Vehicle’s 17-character Vehicle Identification Number (Ex. 1G1AF1F57A7192174)
  + **Manufactured Year:** The year the vehicle was manufactured (Ex. 2020)
  + **Vehicle Type:** Choose from a list of the created Vehicle Types (Section 6). (Ex. Sedan, Van, Pickup, Cab/Rig, etc.)
  + **Location:** Where the vehicle is kept when not in use. Selected from a list of the created Locations (Section 4). (Ex. John’s Warehouse)
  + **Carrier:** Selected from a list of the created Carriers (Section 4). The carrier that owns the vehicle (Example: Thangiah Shipping)

Graphical user interface, application

Description automatically generated

**Figure 21 – From to Add a New Vehicle**

5.2 EDIT VEHICLE

To edit a vehicle’s information, click on the ***Edit*** link on the data table found on the Vehicle home page (**Figure 20**) The user will be brought to a form page identical to the ***Add Vehicle*** form seen in **Figure 21**. Here, the **CARRIER** user can alter any/all information for the specific vehicle they choose to edit.

5.2 DELETE VEHICLE

To delete a vehicle, click on the ***Delete*** link on the data table found on the Vehicle home page (**Figure 20**). The user will be redirected to a confirmation page much like the one seen in Section 4.3 (**Figure 19**). Simply click ***Yes*** or ***No*** to delete or keep the vehicle record.

# 6. Vehicle types

The vehicle types tab lands the **CARRIER** user on a page (**Figure 22**) containing relevant information on the different kinds of vehicles that are registered with ***Enterprise Routing System***. This page grants **CARRIER** users permissions to add, edit, and delete vehicle types on the system.

Table

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**Figure 22 – Vehicle Types Home Page**

6.1 ADD VEHICLE TYPE

To add a vehicle type, click on the ***Add New Type*** button on the data table found on the ***Vehicle Types*** home page. The user will be redirected to a form page (**Figure 23**) used to fill out all relevant information for the vehicle type. The required fields are as follows:

* + **Type:** The main type of the vehicle (Ex. Freight Truck)
  + **Sub Type:** The sub type of the vehicle (Ex. Dual-Trailer)
  + **Description:** A brief description of the vehicle type
  + **Make:** The make of the vehicle (Example: Peterbuilt)
  + **Model:** The model of the vehicle (Example: Model 579)
  + **Minimum Weight:** The vehicle’s minimum freight weight (Example: 10,000)
  + **Maximum Weight:** The vehicle’s maximum freight weight capacity in lbs. (Example: 40,000)
  + **Capacity:** How much the vehicle can hold (Example: 3000)
  + **Maximum Range:** The maximum range vehicle type is intended for freighting (Example: 1500km)
  + **Restrictions:** Traveling restrictions for vehicle type (Ex. Maximum height for tunnels/overpasses)
  + **Height:** The vehicle’s height in feet (Ex. 12.25)
  + **Empty Weight:** The weight of the unloaded vehicle in lbs. (Ex.8000)
  + **Length:** The length of the vehicle in feet (Ex. 25.5)
  + **Minimum Cubic Weight:** The minimum cubic weight of the vehicle type (Ex. 0)
  + **Maximum Cubic Weight:** The maximum cubic weight of the vehicle type (Ex. 5000)

Graphical user interface, application

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**Figure 23 – Form for Adding a New Vehicle Type**

6.2 EDIT VEHICLE TYPE

To edit a vehicle type’s information, click on the ***Edit*** link on the data table found on the ***Vehicle Types*** home page (**Figure 22**) The user will be brought to a form page identical to the ***Add Vehicle*** form seen in **Figure 23**. Here, the **CARRIER** user can alter any/all information for the specific vehicle they choose to edit.

6.3 DELETE VEHICLE TYPE

To delete a vehicle type, click on the ***Delete*** link on the data table found on the ***Vehicle Types*** home page (**Figure 22**). The user will be redirected to a confirmation page much like the one seen in Section 4.3 (**Figure 19**). Simply click ***Yes*** or ***No*** to delete or keep the vehicle type

# 7. Drivers

The ***Drivers*** tab lands the **CARRIER** user on a page displaying all relevant information/credentials on drivers registered with a specific carrier company (**Figure 24**). **CARRIER** users can add, edit, and delete drivers on this page.

Graphical user interface, text, table

Description automatically generated

**Figure 24 – Drivers Home Page for Carrier Users**

7.1 ADD DRIVER

To add a driver, click on the ***Add Driver*** button on the data table found on the ***Drivers*** home page. The user will be redirected to a form page (**Figure 25**) used to fill out all relevant information for the driver. The required fields are as follows:

* + **Contact:** Selected from ***Contacts*** list (Section 3). Should match information of the ***Contacts*** record (Ex. John Williams)
  + **Carrier:** Selected from ***Carriers*** list (Section 4). This is the driver’s employer (Ex. Thangiah Shipping)
  + **Vehicle:** Selected from ***Vehicles*** list (Section 7). This is the vehicle the driver drives.
  + **License Number:** The driver’s driver license number (Example: 25 624 867)
  + **License Expiration:** The expiration date of the driver’s license (Example: 05/16/2026)
  + **License Class:** The class of the driver’s license (Example: C)

Graphical user interface

Description automatically generated

**Figure 25 – Form for Carriers to Add Drivers**

7.2 EDIT DRIVER

To edit a driver’s information, click on the ***Edit*** link on the data table found on the ***Drivers*** home page (**Figure 24**) The user will be brought to a form page identical to the ***Add Driver*** form seen in **Figure 25**. Here, the **CARRIER** user can alter any/all information for the specific driver they choose to edit.

7.3 DELETE DRIVER

To delete a driver, click on the ***Delete*** link on the data table found on the ***Drivers*** home page (**Figure 24**). The user will be redirected to a confirmation page much like the one seen in Section 4.3 (**Figure 19**). Simply click ***Yes*** or ***No*** to delete or keep the driver

# 8. Technicians

The ***Technicians*** tab lands the **CARRIER** user on a page displaying all relevant information/credentials on technicians registered with a specific carrier company (**Figure 26**). **CARRIER** users can add, edit, and delete technicians on this page.

Table

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**Figure 26 – Technicians Home Page for Carriers**

8.1 ADD TECHNICIAN

To add a technician, click on the ***Add Technician*** button on the data table found on the ***Technicians*** home page. The user will be redirected to a form page (**Figure 27**) used to fill out all relevant information for the technician. The required fields are as follows:

* **Contact:** Chosen from the ***Contacts*** list (Section 3). This is the technician the user is adding. (Ex. John Williams)
* **Skill Grade:** A grade indicating level of proficiency for the technician (Ex. B)

Graphical user interface, application

Description automatically generated

**Figure 27 – From for Carriers to Add Technicians**

8.2 EDIT TECHNICIAN

To edit a technician’s information, click on the ***Edit*** link on the data table found on the ***Technicians*** home page (**Figure 26**) The user will be brought to a form page identical to the ***Add Technician*** form seen in **Figure 27**. Here, the **CARRIER** user can alter any/all information for the specific technician they choose to edit.

8.3 DELETE TECHNICIAN

To delete a technician, click on the ***Delete*** link on the data table found on the ***Technicians*** home page (**Figure 24**). The user will be redirected to a confirmation page much like the one seen in Section 4.3 (**Figure 19**). Simply click ***Yes*** or ***No*** to delete or keep the technician.

# 9. Maintenance orders

The ***Maintenance*** tab lands the **CARRIER** user on a page displaying all relevant information on maintenance orders submitted by the user’s carrier company (**Figure 28**). **CARRIER** users can add, edit, and delete maintenance orders on this page.

Table

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**Figure 28 – Maintenance Order Home Page for Carriers**

9.1 ADD MAINTENANCE ORDER

To add a maintenance order, click on the ***Add New Order*** button on the data table found on the ***Maintenance Orders*** home page. The user will be redirected to a form page (**Figure 29**) used to fill out all relevant information for the maintenance order. The required fields are as follows:

* **Technician:** The technician assigned to the order (Ex. John Walker)
* **Scheduled Date:** The date maintenance is to take place (Ex. 07/13/2022)
* **Details:** A description of the item to be completed (Ex. Battery Replacement)
* **Service Type:** Valid service types are repair, maintenance, replace, etc.
* **Cost:** Quote for total cost (parts & labor) of the job (Ex. $4995.99)
* **Status:** Whether the job is either ***Pending*** or ***Completed***
* **Vehicle:** The specific vehicle requiring maintenance
* **Maintenance Type:** A general description of the location of maintenance being performed (Ex. Engine)

Graphical user interface, application

Description automatically generated

**Figure 29 – Form for Carriers to Submit Maintenance Orders**

9.2 EDIT MAINTENANCE ORDER

To edit a maintenance order’s information, click on the ***Edit*** link on the data table found on the ***Maintenance Order*** home page (**Figure 26**) The user will be brought to a form page identical to the ***Add New Order*** form seen in **Figure 29**. Here, the **CARRIER** user can alter any/all information for the specific Maintenance Order they choose to edit.

9.3 DELETE MAINTENANCE ORDER

To delete a maintenance order, click on the ***Delete*** link on the data table found on the ***Maintenance Order*** home page (**Figure 24**). The user will be redirected to a confirmation page much like the one seen in Section 4.3 (**Figure 19**). Simply click ***Yes*** or ***No*** to delete or keep the maintenance order.

# 10. Carriers

The ***Carriers*** tab lands the user on a page displaying all relevant information on carriers registered with ***Enterprise Routing System*** (**Figure 17**). It is accessible by **MASTER LIST** and **CARRIER** users. The view for Master List accounts includes all carriers and their information (**Figure 17**), and the view for Carrier accounts shows only that user’s carrier information (**Figure 18**). Carrier accounts can edit their own carrier information.

**Table

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**Figure 30 – Carriers Table (Master List View)**

Graphical user interface, text, application, table, Excel

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**Figure 31 – Carriers Table (Carrier View)**

10.1 DETAILS ON ADDING CARRIERS

**CARRIER** users are only created through registering a **CARRIER** account with the process detailed in Section 2.2. Upon successful creation of a **CARRIER** account, the carrier-specific information fields will appear in the Master List view of the Carriers table (**Figure 30**) in the ***Carriers*** list. The carrier fields are as follows:

* **Carrier Name:** The name of the carrier company (Example: *Thangiah Shipping*)
* **SCAC:** The 2-4 character Standard Carrier Alpha Code; each carrier has one (Example: *GZBO*)
* **LTL:** Indicates if carrier is capable of Less Than Truckload shipping (Example: *Yes*)
* **FTL:** Indicates if carrier is capable of Full Truckload shipping (Example: *Yes*)
* **Pallets:** The maximum number of pallets that a carrier’s largest vehicle type can ship at once (Example: *125*)

10.2 EDIT CARRIER

Only **CARRIER** users are permitted to edit carrier information, and the only that user’s carrier is accessible by the user. To edit carrier information, click the ***Edit*** link in the carrier table on the ***Carriers*** page. The user will be redirected to a form (**Figure 19**) where they can alter all carrier fields.

Table

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**Figure 32 – Form for Updating Carriers**

# 11. Shipments and bids

The ***Shipments*** tab is available to **CARRIER**, **SHIPPER**,and **MASTER LIST** users. Shipments are the key component of the logistics pipeline in ***Enterprise Routing System*** that shippers create for carriers to bid on for the purpose of handling commerce. Upon clicking the ***Shipments*** tab, all users are taken to a page where they can choose between ***Available Shipments*** and ***Accepted Shipments*** (**Figure 33**). The differences between role access as well as the bidding system are detailed in the following subsections.

Graphical user interface, text, application

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**Figure 33 – Shipments Home Page for a Carrier Account – Page Content is Identical for Other Roles with Different Tabs on Navigation Bar**

11.1 SHIPMENTS - OVERVIEW

Shipments are accessible to varying degrees by the **SHIPPER**, **CARRIER**, and **MASTER LIST** roles. Each role’s ***Available Shipments*** and ***Accepted Shipments*** pages displays a different subset of shipment information. The exhaustive list of shipment attributes is as follows:

* **ID:** System identification number of the shipment (Ex. 5)
* **Client:** The shipper entity commerce is being shipped for by the carrier. (Ex. Marrakesh Shipping)
* **Carrier:** The carrier who has accepted the freighting job of a shipment (Ex. Thangiah Logistics)
* **SCAC:** The 2–4-character Standard Carrier Alpha Code (Ex. 5ATS)
* **Client Mode:** Whether the client requires FTL or LTL for the shipment
* **Ship Date:** The scheduled date of the shipment (Ex. 07/15/2023)
* **Freight Bill Number:** The number identifying the invoice document of the freight (Ex. 2331516178)
* **Paid Amount:** The accepted bid price for the shipment (Ex. $999.99)
* **Full Freight Terms:** Status on if shipment is ***Available*** or ***Accepted***
* **Commodity Class:** Class of the commodities being shipped (Ex. 12)
* **Commodity Pieces:** Number of pieces being shipped (Ex. 500)
* **Commodity Paid Weight:** Weight of the shipment (Ex. 7500)
* **Shipper City:** Starting city commerce is being shipped from (Ex. Cincinnati)
* **Shipper State:** Starting state commerce is being shipped from (Ex. OH)
* **Shipper Zip:**  Starting zip code commerce is being shipped from (Ex. 23066)
* **Shipper Latitude:** Starting Latitude (Ex. 40.2828211)
* **Shipper Longitude:** Starting Longitude (Ex. -79.4649991)
* **Consignee City:** Destination city commerce is being shipped to (Ex. Scranton)
* **Consignee State:** Destination state commerce is being shipped to (Ex. PA)
* **Consignee Zip:** Destination zip code commerce is being shipped to (Ex. 19202)
* **Consignee Latitude:** Destination latitude (Ex. 40.9779662)
* **Consignee Longitude:** Destination longitude (Ex. -80.6754588)

11.2 SHIPMENTS - SHIPPER

The **SHIPPER** accounts are the accounts that create shipments. The unique aspects of the **SHIPPER** role’s interactions with shipments are discussed below.

### 11.2.1 cREATED sHIPMENTS - sHIPPER

The **SHIPPER** account view of the ***Created Shipments*** page (**Figure 34**) displays a table containing that user’s shipment records with associated information.

Here, the **SHIPPER** user can create new shipments by clicking the ***Add New Shipment***  button. It will redirect the user to the ***Add Shipment*** form page (**Figure 35**) where the shipment information can be entered. The user can edit that information by clicking the ***Edit*** link in the row of the desired shipment. The link redirects the user to the ***Update Shipment*** page (**Figure 36**) where all information fields can be edited.

The **SHIPPER** role also has the capability to view and accept bids placed by **CARRIER** users. Clicking the ***View Bids*** link will redirect the user to the ***Bids***page (**Figure XX**) for the selected shipment. More details about the bidding system are found in Section 11.2.4.

Table, Excel

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**Figure 34 – Shipper View of the Created Shipments Page**

Graphical user interface, text

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**Figure 35 – Form to Add a New Shipment**

Graphical user interface, text

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**Figure 36 – Form to Update an Existing Shipment**

### 11.2.1 Upload Excel File – sHIPPER

The **SHIPPER** user can also click the ***Upload an Excel File*** button on the ***Created Shipments*** page (**Figure 34**) to navigate to a page (**Figure 37**) that allows multiple shipments to be uploaded in the form of a csv file. **NOTE:** The csv **MUST** be in the **EXACT** format given in the template file.

Graphical user interface, text, application

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**Figure 37 – Shipper Page to Upload CSV Files**

### 11.2.2 aCCEPTED sHIPMENTS - SHIPPER

The **SHIPPER** account view of the ***Accepted Shipments*** page (**Figure 38**) displays a table containing that user’s shipment records with associated information. The fields *Carrier Name, Vehicle, Freightbill Number, Full Freight Terms,* and *Paid Amount* are additions to the ***Created Shipments*** page and come from the **CARRIER** account associated with accepting the shipment. More details are available in Section 11.3.

Graphical user interface, text, application, table, Excel

Description automatically generated

**Figure 38 – Shipper View of the Accepted Shipments Page**

### 11.2.2 view / accept bids – SHIPPER

**SHIPPER** users are responsible for accepting bids placed on shipments by **CARRIER** users. The user does this by clicking on the ***View Bids*** link found on the ***Created Shipments*** page (**Figure 34**). The user will be redirected to the ***Bids*** page (**Figure 39**), where they can see all bids that have been placed on the shipment. Clicking ***Accept Bid*** will grant the shipping job to the carrier who placed the bid at the price of the bid, and it will move the shipment to the ***Accepted Shipments*** page. Each bid contains the following information:

* **Shipment ID:** ID attached to the shipment
* **Price:** Bid amount
* **Date:** Date bid was placed
* **Time:** Time bid was placed
* **Bidder: CARRIER** account that placed the bid

Table, Excel

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**Figure 39 – Shipper View of Bids Page**

11.3 SHIPMENTS - CARRIER

The **CARRIER** accounts are the accounts that bid on shipments. They are responsible for freighting the shipments from source to destination. The interactions **CARRIER** accounts have with shipments are detailed below.

### 11.3.1 cREATED sHIPMENTS - CARRIER

The **CARRIER** account view of the ***Created Shipments*** page (**Figure 40**) displays a table containing that user’s shipment records with associated information. Here, the user can view all bids on a pending shipment or add a bid on one themselves.

The user can edit that information by clicking the ***Edit*** link in the row of the desired shipment. The link redirects the user to the ***Update Shipment*** page (**Figure 36**) where all information fields can be edited.

Table

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**Figure 40 – Carrier View of the Created Shipments Page**

### 11.3.2 Place/Edit Bids - CARRIER

The **CARRIER** user can place bids on shipments by clicking the ***Add Bid*** link. It will redirect the user to the ***Add Bid*** form page (**Figure 41**) where the bid price can be entered.

Graphical user interface

Description automatically generated

**Figure 41 – Form to Add a Bid**

The user can edit that information by clicking the ***Edit*** link in the row of the desired shipment on the ***Created Shipments*** *page (***Figure 40***)*. The link redirects the user to the ***Update Bid*** page (**Figure 42**) where the bid price and shipment information can be edited.

Graphical user interface

Description automatically generated

**Figure 42 – Form to Edit a Bid**

### 11.3.2 aCCEPTED sHIPMENTS – CARRIER

The **CARRIER** account view of the ***Accepted Shipments*** page (**Figure 43**) displays a table containing that user’s accepted shipment records associated with that account. These are the jobs the carrier company has accepted. On this page, the user can view and edit the shipment details.

Graphical user interface, application, table

Description automatically generated

**Figure 43 – Carrier View of Accepted Shipments for that Carrier**

To view the details of a shipment, click the ***View All Details*** link on the ***Accepted Shipments*** page (**Figure 43**). The user will be redirected to a page detailing all aspects of the shipment (**Figure 44**). It also includes Google Maps links to both locations by coordinates as well as the route between locations (*At Page Bottom*).

Graphical user interface, text, application, email

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**Figure 44 – Carrier View of Shipment Details**

To edit the details of a shipment, click the ***Edit*** link on the ***Accepted Shipments*** page (**Figure 43**). The user will be redirected to a form where they can update all shipment information (**Figure 45**).

Text

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**Figure 45 – Form for Carriers to Update Shipment Details**

11.4 SHIPMENTS – MASTER LIST

The **MASTER LIST** role’s view of the ***Created Shipments*** is a list of all shipments pending in the system regardless of what shipper created the shipment. The role’s view of the ***Accepted Shipments*** pages is a list of all shipments accepted by all carriers. **MASTER LIST** users are only able to view bids on shipments as well as the details of shipments.

# 12. Routes

The ***Routes*** tab is available to **CARRIER** and **MASTER LIST** user accounts to manage shipments associated with specific vehicles and specific dates/times. Both roles can display scheduled shipments for the vehicle in aggregate, if the vehicle has numerous, upcoming shipments (**Figure 46**).

Graphical user interface, text, application

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**Figure 46 – Routes Page**

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