User Manual Client

1 Operating the system as an External Client

Upon logging in as a client, a window called "Client Dashboard" will appear. In this window, there will be buttons labeled "View shared", "Chat", "Settings", "Log out", "Search", "Share data", "Add journey" and "Remove". There will also be text fields labeled "Origin", "Content" and "Destination". A table filled with journey credentials will also be visible.
Below, the functionalities of each button and checkbox are described.
Furthermore, a feature that allows the client to view the status evolution of the container has been implemented. It will be described in the last subsection.

1.0.1 Chat

When clicked, the chat button transports the user into a new window called "Messages". In this window, there is a display field labeled "Message window" and a text field labeled "Type a message:". There are also two buttons labeled "Send" and "Cancel"
To go back into the Admin client's dashboard window, click "Cancel"
To send a message, first fill out the "Type a message:" text field, and then press send. Your message will show up in the Message window, by the label "Me:".
If the "Send" button is clicked but the text field is not filled in, a message will show up, informing the client to first type something into the text field.

1.0.2 Log out

When the "Logout" button is pressed, the user will be transported into the "Log in" window.

1.0.3 Search

To search for a journey with specific credentials, first fill out at least one of the text fields labeled "Origin", "Content" and "Destination" with corresponding credentials. Upon clicking "Search", only journeys with specified credentials will show up in the journey table.
To see all the journeys, empty the "Origin", "Content" and "Destination" text fields, and click "Search".

1.0.4 New journeys checkbox

Upon marking the "New journeys" checkbox, only new journeys will be displayed in the journey table.
To see all journeys, unmark the checkbox.

1.0.5 Include completed checkbox

Upon marking the "Include completed" checkbox, completed journeys (journeys whose containers had reached their destination) will appear in the journey table.
To only see current journeys, unmark the checkbox.

1.0.6 Assigning a container

To assign a container, double click a row representing a specific journey in the journey table. You will be transported into a new window. A table of available containers will be present.
To select a container, double click its corresponding row. After a container is selected, the program will automatically go back to the previous window.
To go back, click the button "Cancel"
It is to be noted that containers can only be added to new journeys. Once a journey has been assigned a container, it is no longer a new journey. From that point, if the journey is ongoing (not completed), the user will only be able to add new statuses to the existing container.

1.0.7 Adding a new container status

Once a container has been assigned to a journey, it is possible to add a new container status.
To add a new container status, double click a row belonging to an ongoing journey in the journey table. A new window entitled "Add Status" will show up. In the window, there will be text fields labeled "Temperature(K)*:" , "Pressure(hPa)*:", "Humidity(%)" and "Location". Boundaries are set so that: the temperature has to be between 0 and 5800, the pressure between 0 and 1080, and the humidity between 0 and 100. In the bottom there will be "Add status" and "Cancel" buttons.
To go back to the previous page, click "Cancel".
To add a new status, first fill out the text fields marked with *. After that, click "Add status".
When the content in the location text field matches the destination of a journey, a journey will become completed.

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To see all the journeys, empty the "Origin", "Content" and "Destination" text fields, and click "Search".

1.1.4 Settings

The "Settings" button opens the settings window. From here the client can update their name, email, reference person and address should they wish. However, they cannot change their email to one that another client is already using.

1.1.5 Include completed

Upon marking the "Include completed" checkbox, completed journeys (journeys whose containers had reached their destination) will appear in the journey table.

To only see current journeys, unmark the checkbox.

1.1.6 Add journey

The "Add journey" button brings the user to the "Add Journey" window. From here, the user can enter the origin, destination, content and company of a journey and can press "Create" to create the journey. If one of the fields are left blank the journey is not created. Once the journey has been created the user is transported back to the "Client Dashboard" and the newly created journey appears in the table.

1.1.7 Remove

To remove journeys from the table, a check box in the last column of the table must be ticked for each row to-be-deleted journeys.
When the journeys have been marked, and the button "Remove" is pressed, the marked journeys are deleted and no longer show up in the table.

1.1.8 Share data

Clicking the "Share data" button opens the "Share Data" window in which there are two tables, the left shows basic information for all clients in the logistic company. This table can be searched by name and/or email to find a client to share data with. Upon finding the client to share data with double clicking them will give them access to the users data and they will show up in the right table. The right table displays the clients the user is currently sharing data with. Clients in this table can be marked and then removed with the remove marked button, thus preventing the removed client from viewing the data of the user.

1.1.9 Add Journey

Upon clicking the "Add journey" button, the user will be transported into the "Add journey" window. In the window, there will be text fields labeled "Origin", "Destination", "Content type" and "Company", all meant to be filled with the credentials of a new journey. Below are two buttons, titled "Add journey" and "Cancel".
To go back into the Admin Dashboard window, press "Cancel".
To add a new journey, specify all the credentials in the text fields and click "Add journey". If not all credentials have been filled out, a message will appear, informing the user that not all fields were filled out.
When all text fields have been filled and the "Add journey" button is pressed, the program will go back to the "Admin dashboard" window. A newly added client will now be displayed in the table.

1.1.10 View Shared

The "View Shared" button transports the user to the "Shared Data" window. Clients that have shared data with the user will be displayed in the table. The table can be searched by name and/or email. Clients can also be marked and deleted if the user no longer wishes to see that clients data. Double clicking a client opens up the shared data of that client. In this window the user can view the selected client's information and search their journeys by origin, content and destination.

1.1.11 Accessing the Graphs

Double clicking on a journey opens the "Journey Status" window. In this window there are three graphs that show how the temperature, humidity and pressure of the journey have changed over time. It also shows the temperature, humidity, pressure, time, location and status of the latest status update.