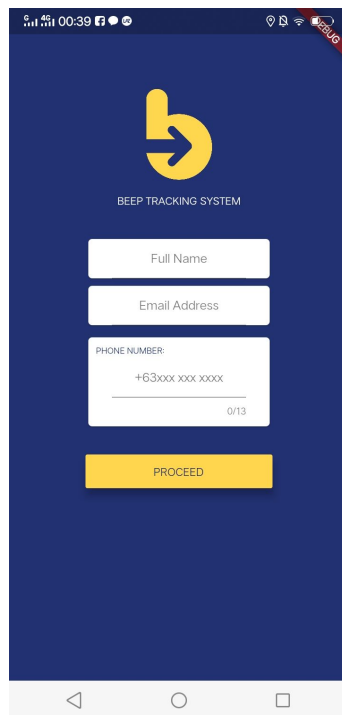**USER'S MANUAL**

1.0 Commuter's Mobile Application

**1.1 PHONE AUTHENTICATION LOGIN FOR MOBILE APPLICATION**

The commuter only provides phone number for login authentication. The mobile application authenticate users without the need for passwords. It does not need any registration forms.

After providing a phone number, a 6-digit code will be sent to the provided phone number to verify the user's identity for securing access.

If the given code matches the commuter's phone number credential, the application redirects the commuter to the application's main page. If not, the application will ask the commuter to recheck the received code and try again.

1.2 TRACK A BEEP UNIT'S LOCATION
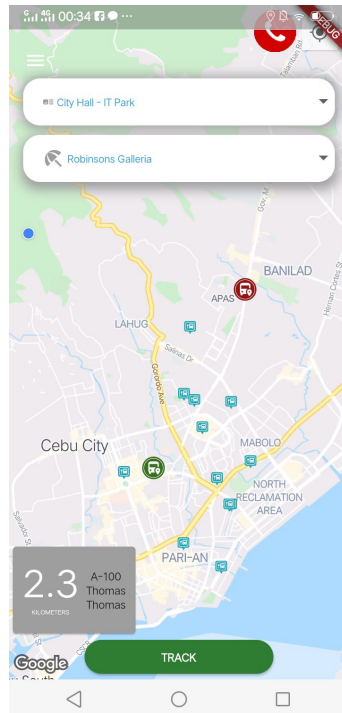
The commuter can track a Beep unit by providing a specified route number, a Beep unit and a bus stop destination.

A drop down for routes must be chosen by the commuter to display available Beep units for that route.

After choosing a route, a list of running Beep units for that route will be displayed with information of Beep's Estimated Time of Arrival, Beep unit's distance between the commuter, and Beep unit's driver name. The commuter will choose one to track and display in the commuter's map.

After choosing a route, a dropdown field for bus stop destinations will be populated. The commuter will then choose a bus stop destination to set the commuter's complete course of trip.

After providing all the necessary input, the commuter will be redirected to the map page to display the commuter's tracked Beep unit.

1.3 EMERGENCY CALL BUTTON

The emergency call button is located on the top-right corner of the application's home screen. Upon tapping the button, it redirects the commuter to their phone application and dials 911 emergency hotline if the commuter decides to. This button should only be used for emergencies only.
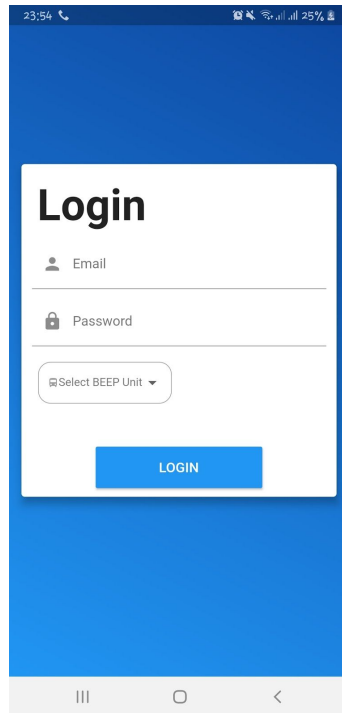
1.4 COMPLAINT FORM
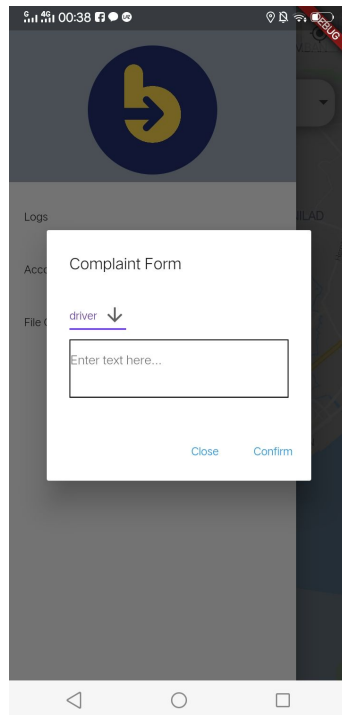
Once the commuter has filtered a specific Beep Unit to track, a complaint form will be enabled on the side drawer. Upon tapping the button, an alert dialog opens and the commuter can submit their concerns.

In the drop down box, the commuter can choose the subject of their complaint which are: 1.) Facilities of the Beep Unit, and 2.) Driver of the Beep Unit. Complaints about the facilities can range from broken seats to cleanliness of the Beep Unit. Meanwhile, complaints about the driver should be concerned about the driver's behavior.

After selecting the subject of complaint, the commuter can then type in their message in the textfield. Once he/she is done, the commuter taps the submit button below.

2.0 Driver's Mobile Application

2.1 EMAIL LOGIN AUTHENTICATION

Registration of driver's account is done through the web application by administrator's permission.

The driver then inputs its given email and password to login its account on the mobile application. Below the two text fields (email and password) is a dropdown list of Beep units available. Then the driver will choose the Beep unit assigned.

2.2 DRIVER AND BEEP INFORMATION
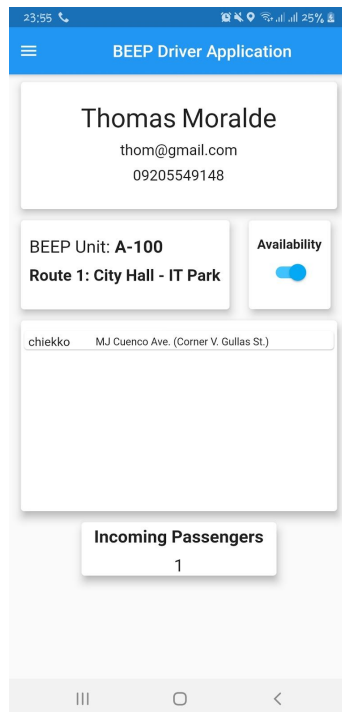
Shows a static information on the first two panels in the user interface of the logged in account.

2.3 AVAILABILITY TOGGLE
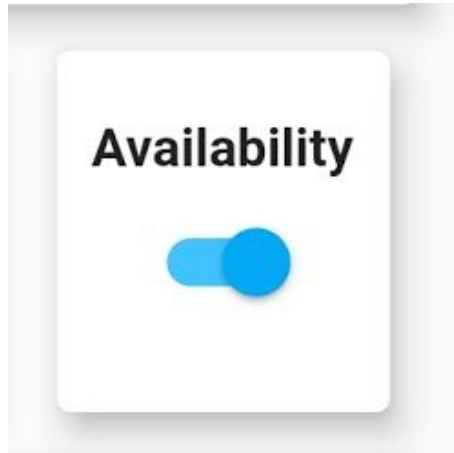
The availability toggle found on the right side of the beep information determines whether there are available spaces in the beep unit. Press or swipe to toggle on or off. When the indicator is blue, the beep unit has available seats. If toggled off, the beep unit is full and the indicator turns grey.

2.4 VIP LIST
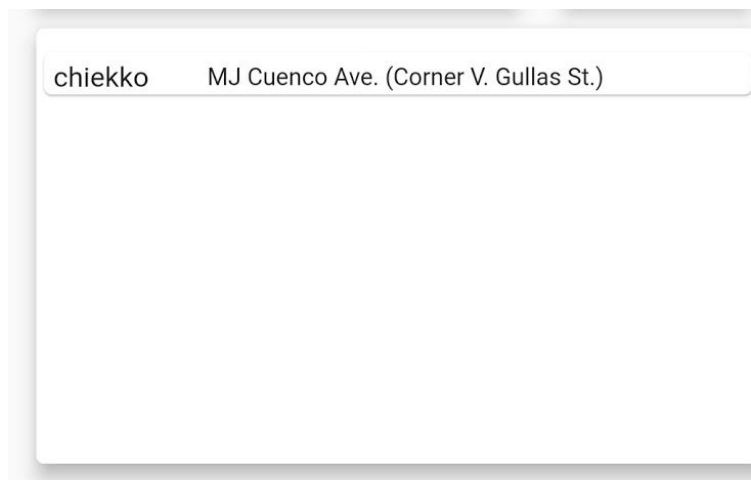
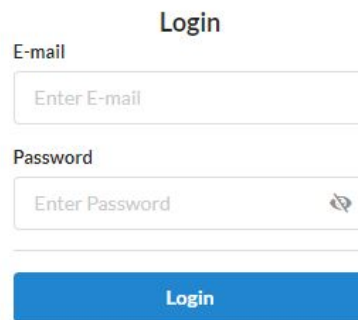This panel shows the list of commuters who would like to reserve a seat on your beep unit.

2.5 INCOMING PASSENGER COUNT

Incoming Passengers

1

Incoming passengers panel shows the number of commuters currently tracking you. This indicates the possible number of commuters waiting for you at the next stops.
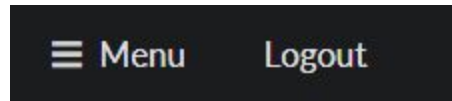
3.0 Admin's Web Application

3.1 EMAIL LOGIN AUTHENTICATION

Login

E-mail

Enter E-mail

Password

Enter Password

Login

The registration of admin accounts are done through the manager's account.

The admin then input his/her registered email and password. After which, click "Login".
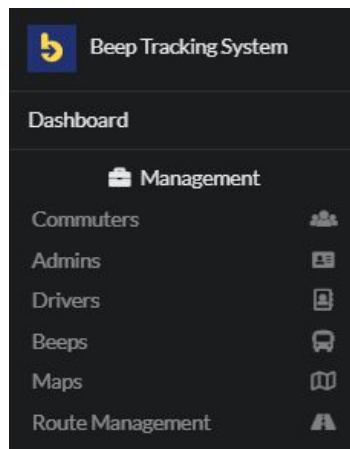
3.2 TOP BAR

This is where the main control of the admin web application.

Click the menu button and it opens up the side navigation bar that access through all the pages of the application.

Click on the logout button and it logs off the currently logged in user and redirects back to the login page.

3.3 SIDE NAVIGATION BAR

After clicking the menu button on the top bar, the side navigation bar opens up and shows all the main routes of the application. After which the admin will choose what they wanted to do.

3.4   DASHBOARD

3.4.1 REGISTERED USERS TODAY

An overview of today's total registered users

3.4.2 TOTAL USERS

An overview of total registered users in the system

3.4.3 IMPORTANT REPORTS

An overview of number of important reports that are still pending.

3.4.4 COMPLAINTS

The commuter's complaint record will record in this table. There are two types of complaint which is Driver or Facility. It will then record the current Beep they are on, the details as description, reported by as their name and the date issued.

3.4.5 NEEDS MAINTENANCE

The Beep driver's record about maintenance will record and display through here.

3.5 COMMUTER LIST

Contact Number	Name	User Type	Date Created	Date VIP/Premium Expire
+639158526216	Patrick	Vip	Friday Nov 22 2019 19:3:57	Friday Nov 22 2019 19:3:57
+639224978300	CJ Gonzinlo	Free	Saturday Nov 23 2019 20:56:33	Saturday Nov 23 2019 20:56:33

From the side navigation bar, the admin may click the commuter's button and will navigate through here.

This will show all registered commuters in the system.

3.6 ADMIN LIST

First Name	Last Name	Email	Contact	Position	Date Created	Date Updated	
Tanjiro	Kamado	tanjiro@gmail.com	09205549148	staff	Friday Nov 22 2019 17:22:10	Friday Nov 22 2019 17:22:10	EDIT
Nezuko	Kamado	nezuko@gmail.com	12312312312	manager	Wednesday Nov 20 2019 11:42:14	Friday Nov 22 2019 8:31:17	EDIT

From the side navigation bar, the admin may click the admin's button and will navigate through here.

This will show all registered admins in the system. Additionally, this is where you can register new admins or modify them. Only the "Manager" position can access this page.

3.7 REGISTERING NEW ADMIN

Register New Admin

First Name   Last Name

[Enter First Name]   [Enter Last Name]

Contact Number   Position

[Enter Contact Number]   [⌄]

E-mail

[Enter e-mail]

Password   Retype Password

[Enter Password]   [Retype Password]

[**Add**]   [**Cancel**]

When you click the "add admin" this form will show up.

Input the required fields in the form and lastly, click the "Add" button to add the new admin.

3.8 MODIFYING ADMIN

When you click the "edit" button this form will show up. The fields are already filled up with the current values.

Then from here, click the change/reset password to change the password or delete admin to remove the admin from the system or confirm edits to modify the currently selected admin.

3.9 DRIVER LIST

From the side navigation bar, the admin may click the driver's button and will navigate through here.

This will show all registered drivers in the system. Additionally, this is where you can register new drivers or modify them.

3.10 REGISTERING NEW DRIVER

Register New Driver

First Name

Enter First Name

Last Name

Enter Last Name

Contact Number

Enter Contact Number

License Number

Enter License Number

E-mail

Enter e-mail

Password

Enter Password

Retype Password

Retype Password

Add   **Cancel**

When you click the "add driver" this form will show up.

Enter the required fields in the form and lastly, click the "Add" button to add the new driver.

3.11 MODIFY DRIVER

When you click the "edit" button this form will show up. The fields are already filled up with the current values.

Then from here, click the change/reset password to change the password or delete driver to remove the driver from the system or confirm edits to modify the currently selected driver.

3.12 CHANGE PASSWORD

This form will show up if you wanted to edit the admin or the driver's password.

Enter the new password and retype them in the second field, and the password is finally changed.

3.13 BEEP LIST

Beep ID	Plate Number	Model	Route	Status	Date Created	Date Updated	
A-100	ASD-1231231	White	Route 1: City Hall - IT Park	Garage	Thursday Nov 21 2019 20:44:55	Thursday Nov 21 2019 21:56:24	EDIT
A-101	ASD-1232	China oil	Route 2: Banawa - Panagdait	Garage	Thursday Nov 21 2019 20:58:54	Thursday Nov 21 2019 22:26:55	EDIT
A-102	ASD-222	Blue	Route 2: Banawa - Panagdait	Garage	Thursday Nov 21 2019 20:59:8	Thursday Nov 21 2019 20:59:8	EDIT
A-103	ASD-23123	China	Route 3: Guadalupe - Colon	Garage	Thursday Nov 21 2019 22:7:19	Thursday Nov 21 2019 22:26:44	EDIT

From the side navigation bar, the admin may click the beep's button and will navigate through here.

This will show all registered beeps in the system. Additionally, this is where you can add new Beeps or modify them.

3.14 REGISTERING NEW BEEP

Add New Beep

Beep Unit

Enter First Name

Plate Number

Enter Last Name

Model

Enter Last Name

Route

⌄

Add   **Cancel**

When you click the "add beep" this form will show up.

Enter the required fields in the form and lastly, click the "Add" button. A new beep has been added into the system.

3.15 MODIFYING BEEP

Modify Beep

Plate Number

ASD-1231231

Model

White

Route

Route 1: City Hall - IT Park ⌄

Delete Beep

Confirm Edits

When you click the "edit" button this form will show up. The fields are already filled up with the current values.

Then from here, click the delete beep to remove the beep from the system or confirm edits to modify the currently selected beep.
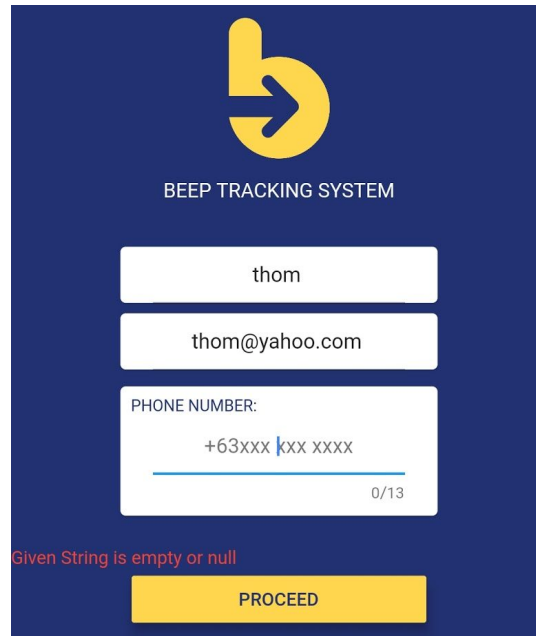
3.16 MAP TRACKING
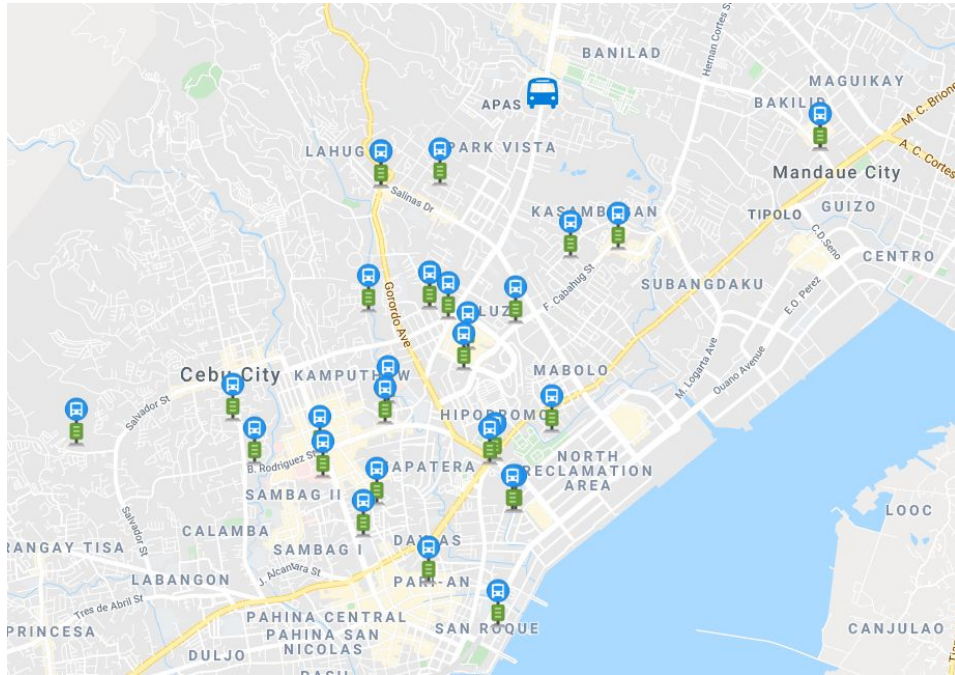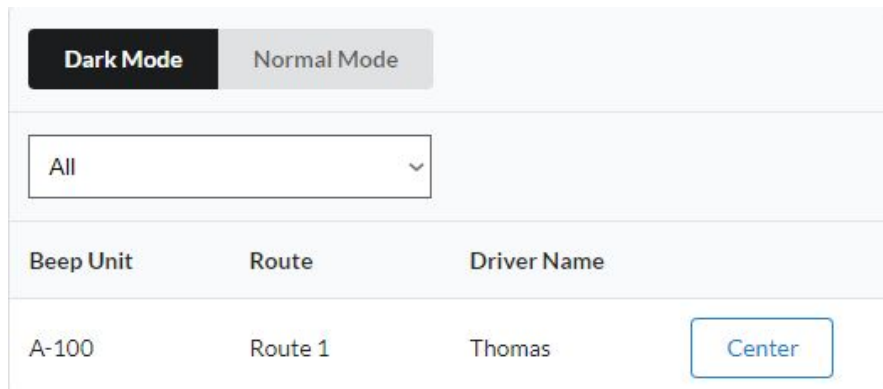
From the side navigation bar, the admin may click the map button and will navigate through here.

The map will show tracked beep and beep stops and show them as a beep marker and a beep stop marker, respectively.

The beeps with vacant seats will turn blue, and the beeps that are fully occupied will appear red.

3.17 MAP CONTROL PANEL

This panel is currently beside the map tracking. It will control on what Beep and route's beep stops you want to show at the map by simply clicking on the dropdown button and choose either "all" or a specific route you want to show.

This panel has a choice of either you want a dark mode or a normal mode display of the map.

As the system goes bigger and a lot of beeps will be tracked, the center button is here to pan the screen to the selected beep.

3.18 ROUTE AND BEEP STOP MANAGEMENT
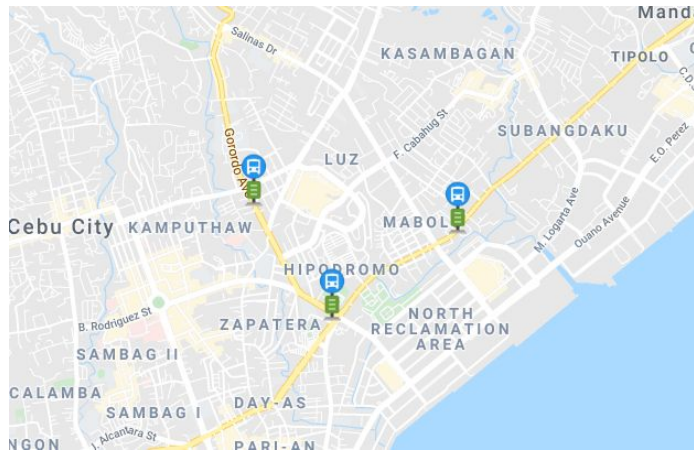
From the side navigation bar, the admin may click the route management button and will navigate through here. This page will add routes and beep stops.

Clicking on the "Add new beep stop" will add an input field for you to put a description on that beep stop.

Clicking on the "Delete Last beep stop" will delete the last added input field.
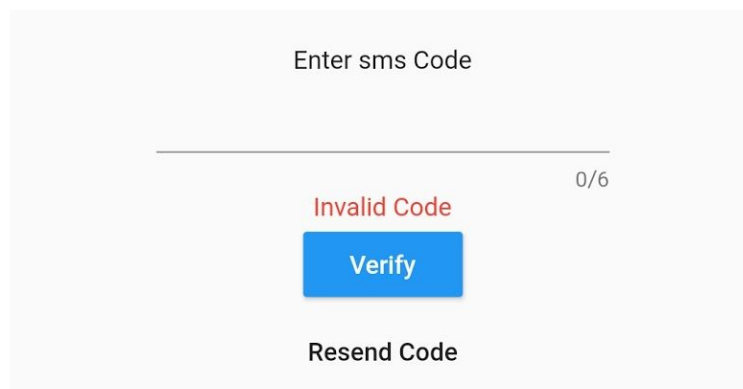
4.0 Commuter's Mobile Application Messages

4.1 Error Messages

Description: This message will pop up when an invalid phone number is given.

Action: Check input fields.

Description: This message will pop up when an invalid verification code is given

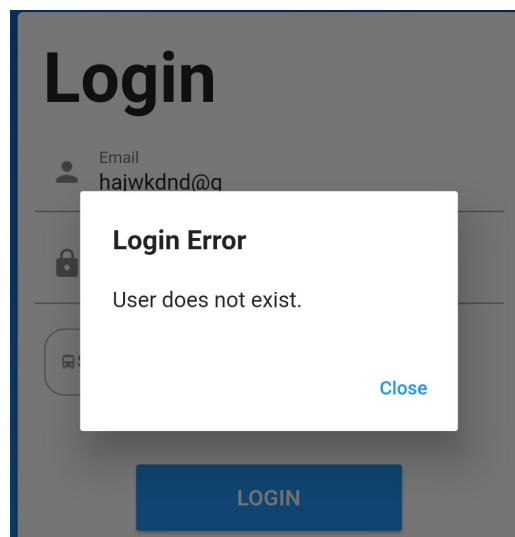**Action**: Check SMS code and try again.

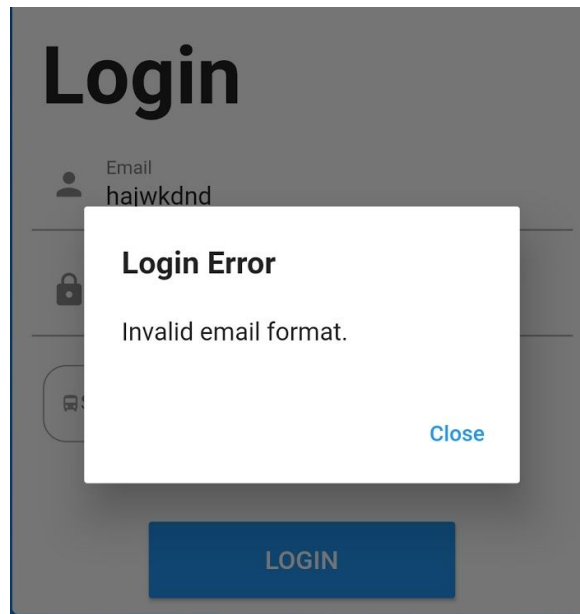## 5.0 Driver's Mobile Application Messages

5.1 Error Messages
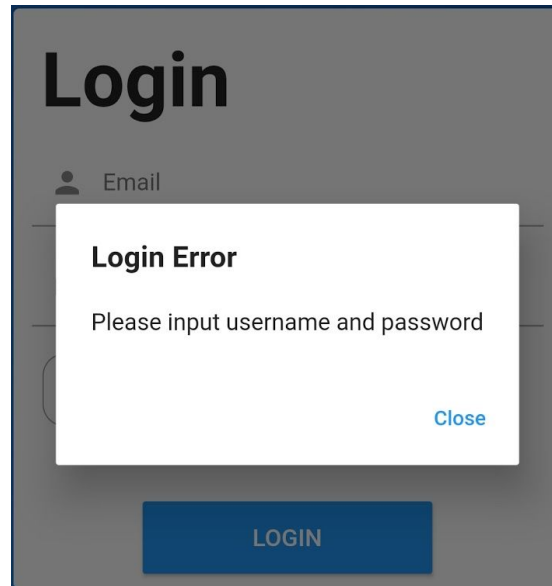
Description: This message will pop up when a person clicks login without providing the required fields.
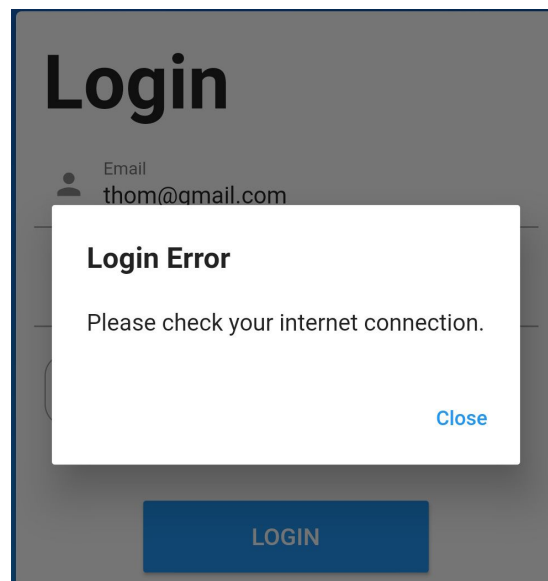
Action: Check input fields.

Description: This message will pop up when a person logins to the app but hasn't been added to the system yet.

Action: The driver must go to the admin and register as a driver.

Description: This message will pop up when the driver tries to login with invalid email format.

Action: Check input fields.

Description: This message will pop up when a person logins to the app but they aren't connected to the internet.

Action: They must simply turn on their mobile data or connect to a wifi signal.
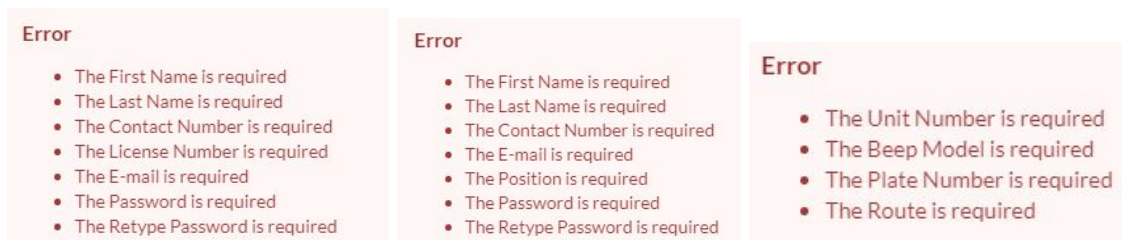
6.0 Web Application Messages

6.1 Success Messages

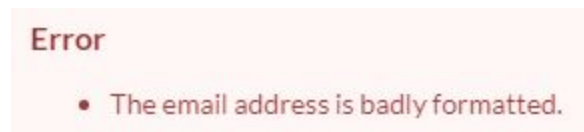**Description**: This message will pop up when adding or modifying an admin, a beep, a route or a driver.

Action: The "x" button closes the popup.
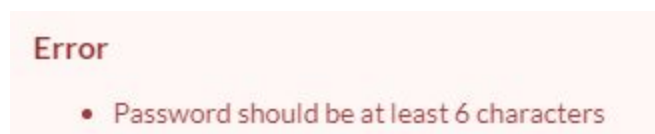
6.2 Error Messages

Description: All fields are required. Leaving them blank will show the error for adding or modifying the driver, the admin and the beep, respectively.

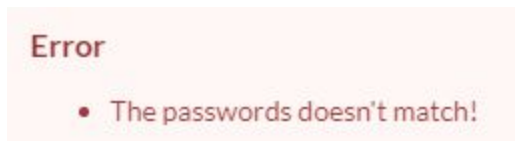**Action**: Simply, input all the fields required.

Description: Email field doesn't end in @gmail.com or @yahoo.com or anything that ends in an accepted email format.

Action: Simply, input a proper email format.

Description: If the password fields are below than 6 letters or numbers or symbols.

Action: Simply, input characters up to 6 as a minimum.

Description: When the password field and retype password field doesn't match.

Action: Simply, make the two fields have the same input data.

Description: When you delete an admin, beep, driver or a route.

Action: the "delete" button will proceed to delete the info or "nevermind" button will close the modal.