

# **COMFORT AMBULANCE**

Ambulance Dispatch System

Web Based Application



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### 1. SYSTEM REQUISITE

- 1.1 Computer Platform: PC, Apple.
- 1.2 Computer Operation System:
  - a. Windows 7, Windows Server, Windows 8, Windows 10
  - b. Mac: OSX and above
- 1.3 Internet Browser
  - a. Safari, Chrome, Firefox, Opera, Internet Explorer
  - b. Enter Website Address to Internet Browser: <a href="http://track.asiacom.co.th/comfort/">http://track.asiacom.co.th/comfort/</a>

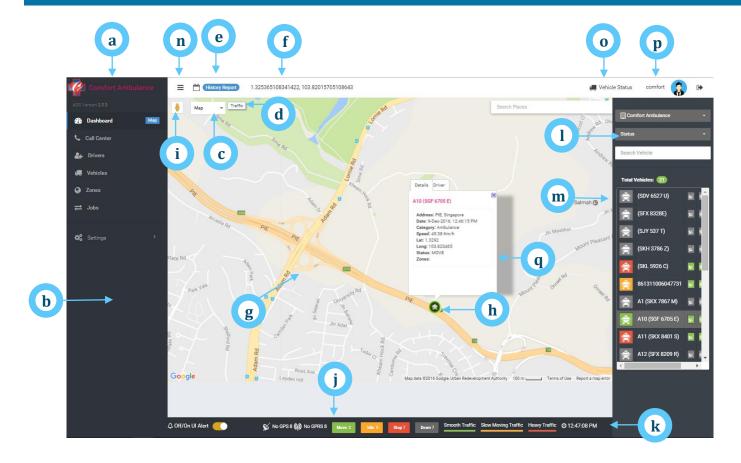
### 2. LOGIN TO BEGIN

2.1 The Login page allow user to login with their account.



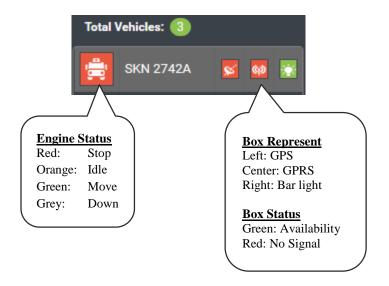
- 2.2 Key in Username & Password.
- 2.3 Your default Username is: <u>comfort</u>. Password is: <u>comfort888</u>
- 2.4 Click login to see the dashboard interface.

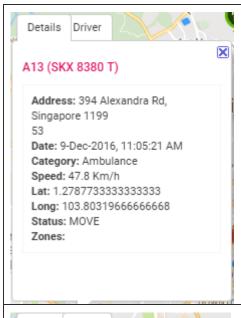
### 3. DASHBOARD



#### 3.1 Description

- a. Company name
- b. Left Panel
- c. Map Options
- d. Traffic Layer Button
- e. History Tab
- f. Coordinates
- g. Map Interface
- h. Vehicle Icon
- i. Street view layer
- j. Vehicle Status Legend
- k. Time
- 1. Filter Options
- m. Vehicle List
- n. Toggle left panel
- o. Toggle right panel
- p. User Information
- q. Infobox





#### 3.2 Vehicle Properties

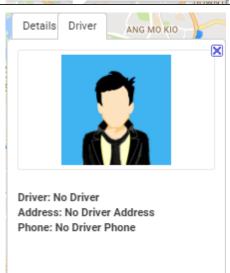
Step 1 - Click on the Vehicle Icon on the Map Interface

**Step 2** - Following information are available:

Address: Location of the Vehicle
Date: Today Date and Time
Category: Vehicle Category
Speed: Travel Speed of the vehicle
Lat: Latitude of the current Vehicle
Long: Longitude of the current Vehicle

Status: MOVE, IDLE or STOP

Zone: "Zone Name"



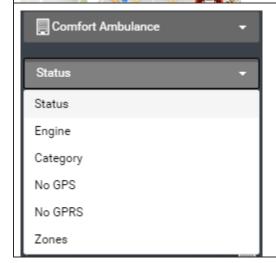
#### 3.3 Driver Properties

Step 1 – Click on the Vehicle Icon on the Map Interface

Step 2 – Click on the Driver tab

**Step 3** – Following information are available:

Photo: Driver Photo
Driver: Driver Name
Address: Driver Address
Phone: Driver Phone



#### 3.4 Filter Vehicle

Select your view by filtering:

Search

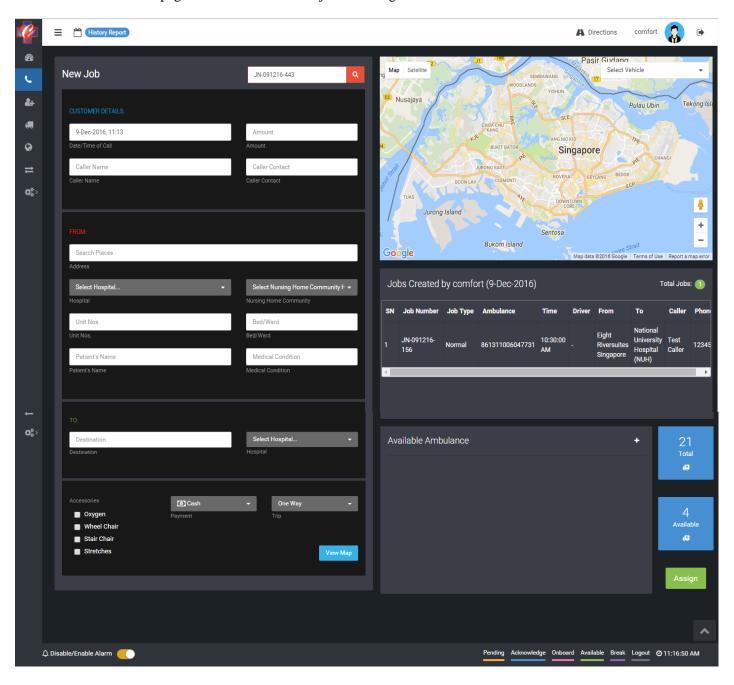
Name of Vehicle

Engine status: Move, Idle or Stop Category: Car, Bus, Truck, etc.

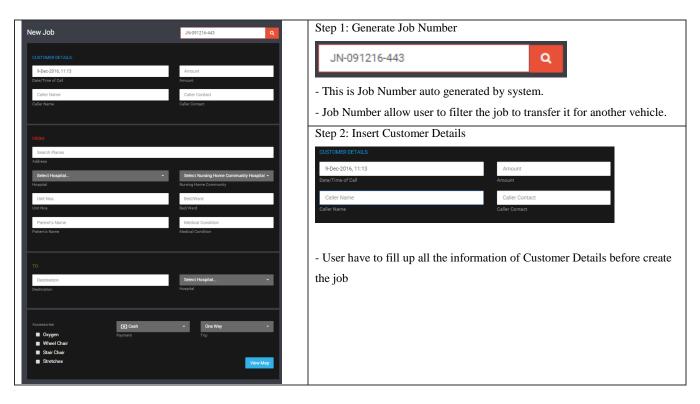
No GPS No GPRS Zones

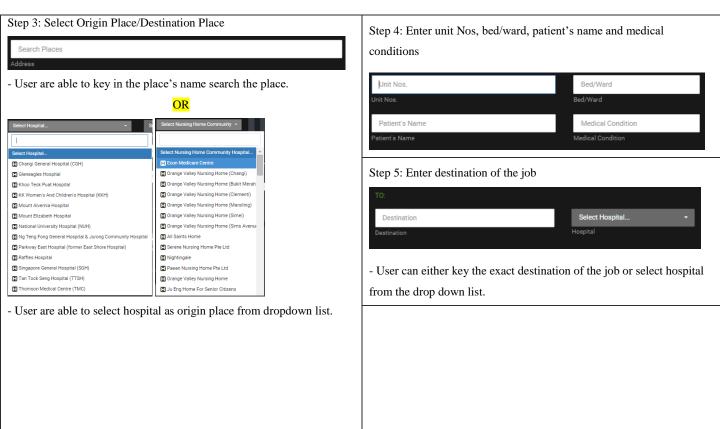
## 4. CALL CENTER

4.1 The Call Center page allow user to create a job and assign to available vehicle.

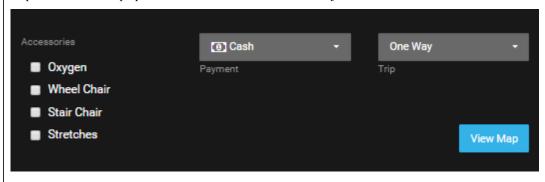


#### 4.1 Job Creation

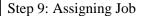


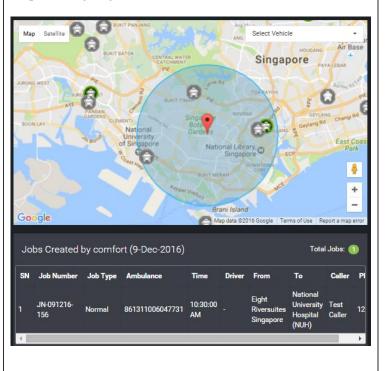


Step 6: Selection final preparation and checkout before initiate the job

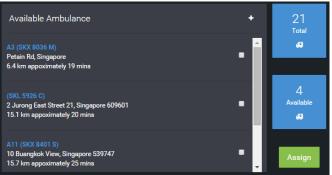


- User can select Accessories to be prepare by ticking on Oxygen, Wheel Chair, Stair Chair or Stretches.
- User can then select type of payment either Cash or Billing
- User can then select type of trip either One Way or Two Way





a. User able to see the available ambulance from the map.



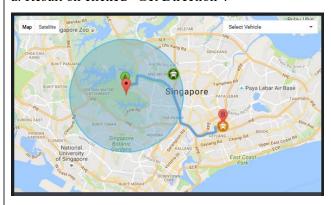
- b. User can tick one of the Available Ambulance for job assignment.
- c. Once ambulance is decided, user can click "Assign" button to send job.

Step 9.1: Check direction for selected vehicle.



- Click the direction from vehicle marker.

a. Result on clicked "Get Direction".



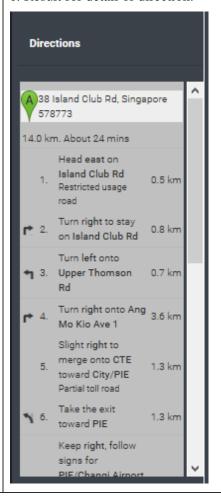
- Direction line will draw on map to show the distance between location and vehicle.

b. Direction result in detail.



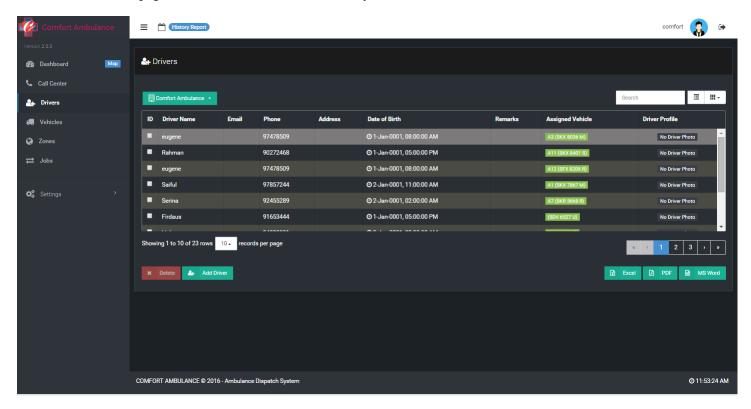
- User can click the direction on the top bar to view the detail of direction.

c. Result for detail of direction.



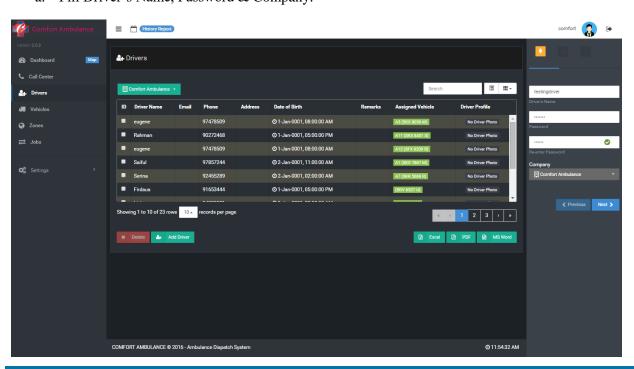
### 5. DRIVER

5.1 The Drivers page allow user to create, view, modify & delete driver.

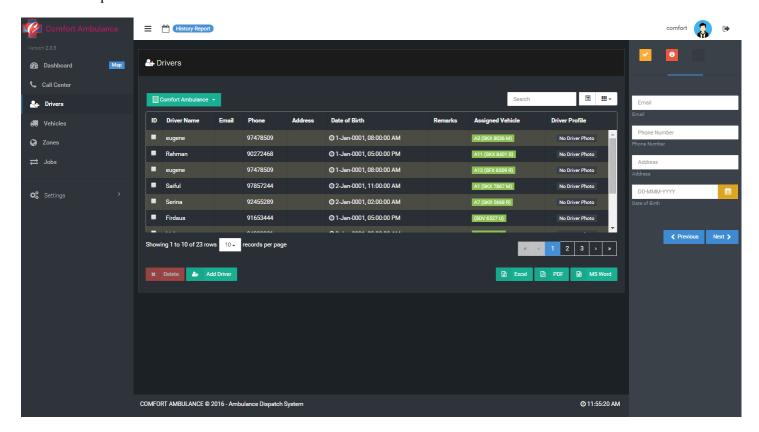


#### 5.1 Driver Creation

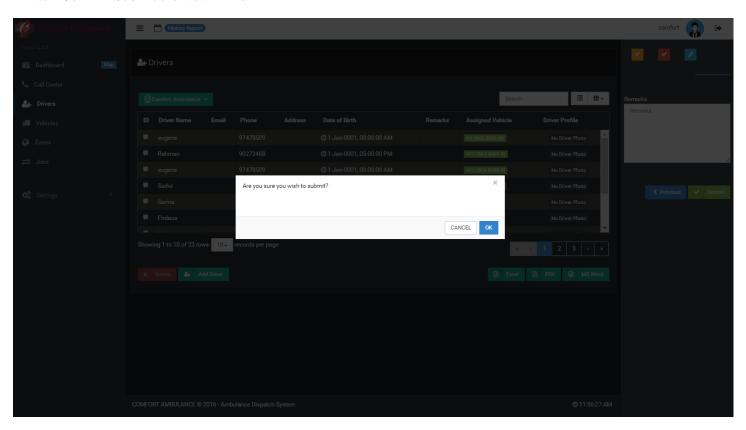
a. Fill Driver's Name, Password & Company.



#### b. Fill up the Driver's details

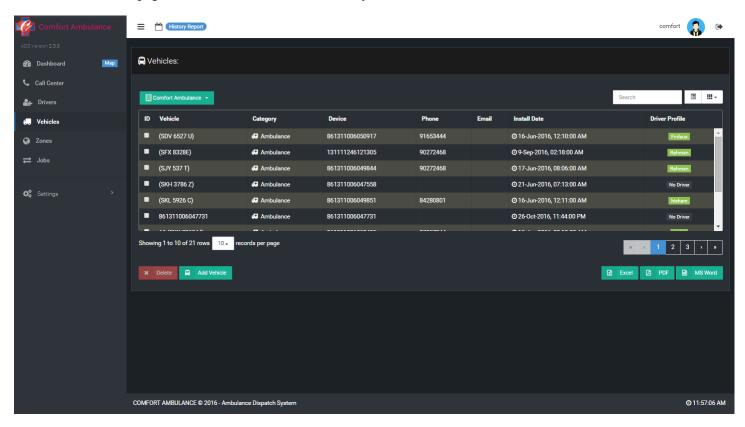


c. Confirm Submit the New Driver



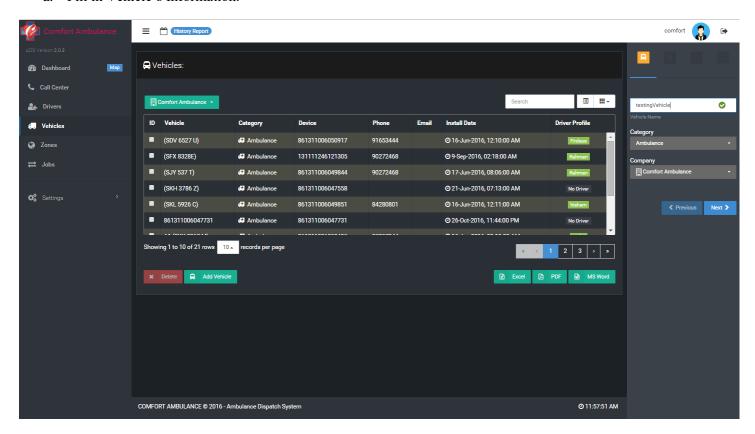
## 6. VEHICLE

6.1 The Vehicle page allow user to create, view, modify & delete vehicle.

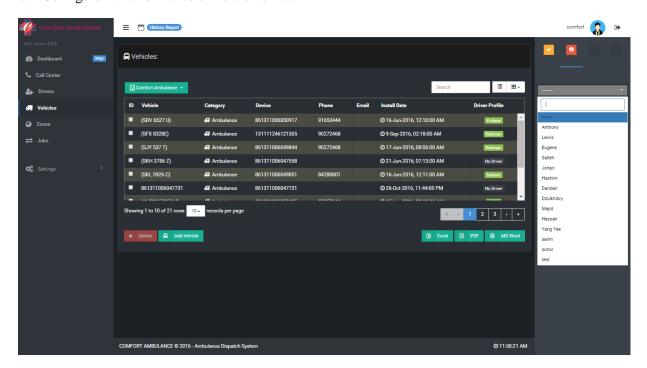


#### 6.2 Vehicle Creation

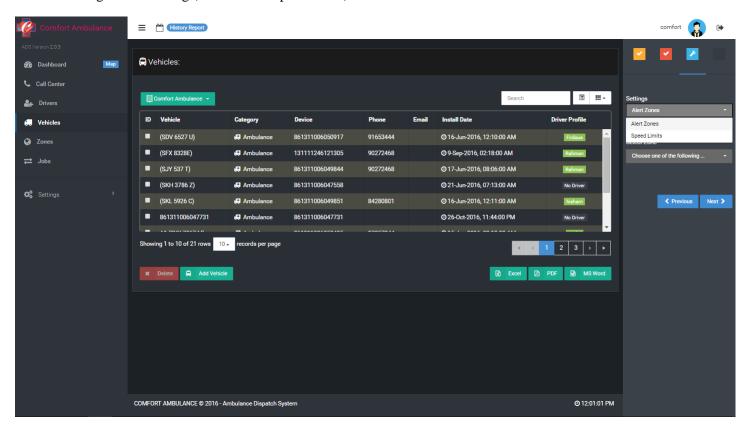
a. Fill in Vehicle's Information.



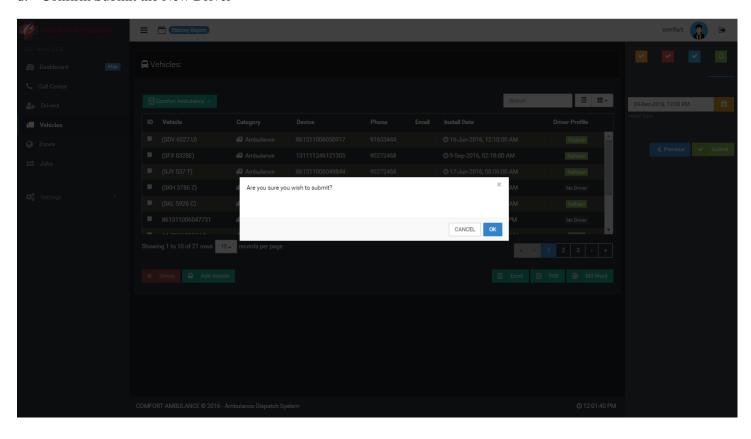
b. Configure which driver to drive the vehicle



c. Configure the Setting (Alert Zones/Speed Limit)

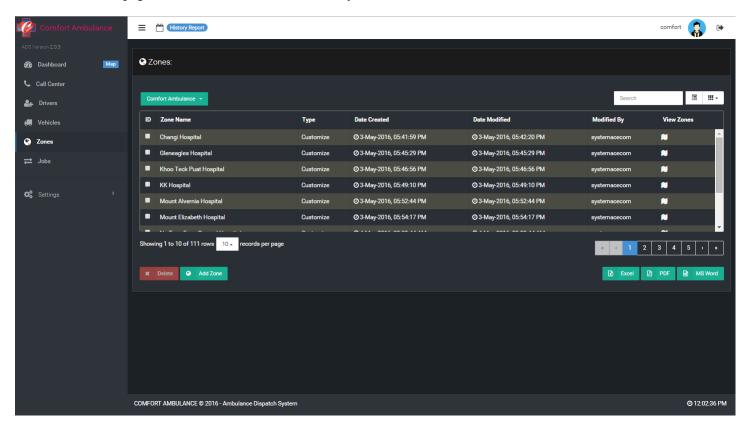


#### d. Confirm Submit the New Driver



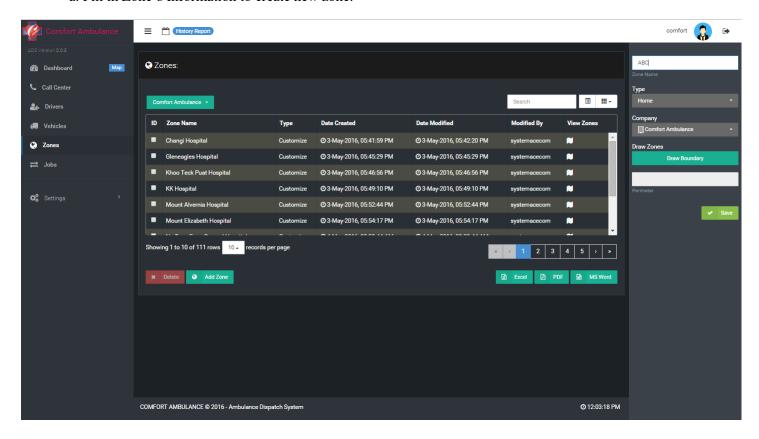
# 7. ZONE

7.1 The Zone page allow user to create, view, modify & delete location zone.

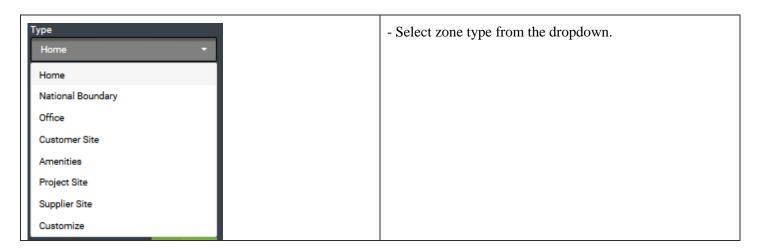


#### 7.2 Zone Creation

a. Fill in Zone's Information to create new zone.



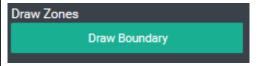
#### 7.3 Zone Settings



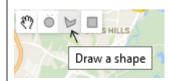
#### 7.3 Draw Zone Boundary

- User draw the line on map to select the zone.

Step 1: Click the Draw Boundary.



Step 2: Start draw a boundary for create the zone.



- Select one of the shape type to start draw the zone.

Step 3: Draw the zone from the map.



**OR** 

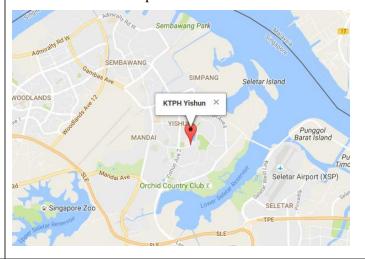
- Search the place before draw the zone.



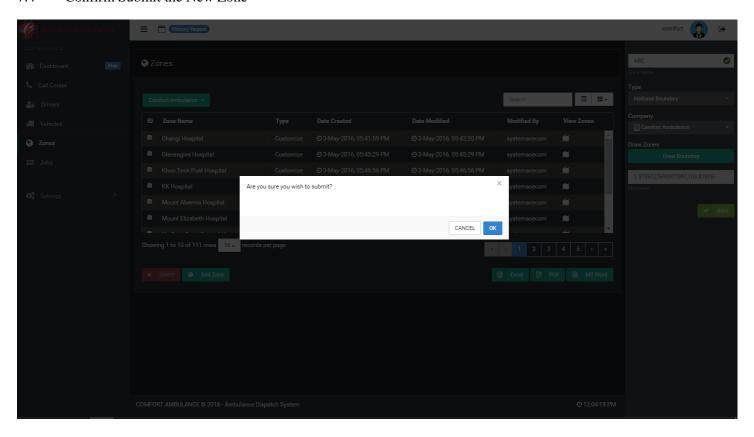
- The zone will return the Perimeter by click OK.



- Result for search the place and start draw the zone from the result.

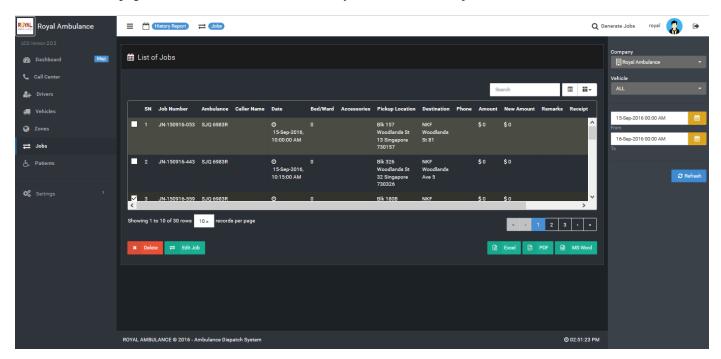


#### 7.4 Confirm Submit the New Zone

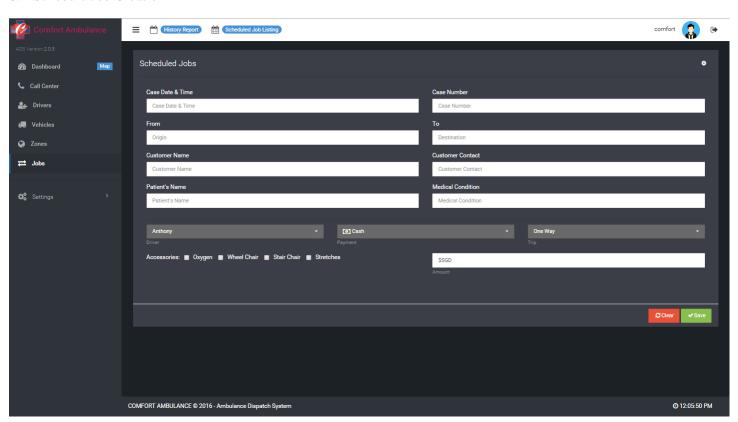


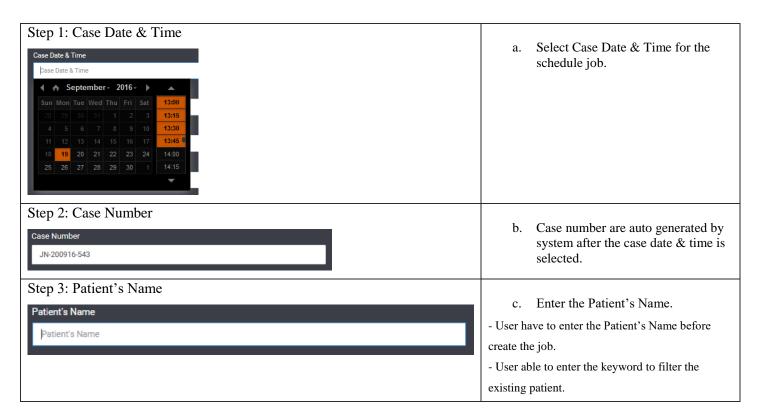
### 8. SCHEDULE JOBS

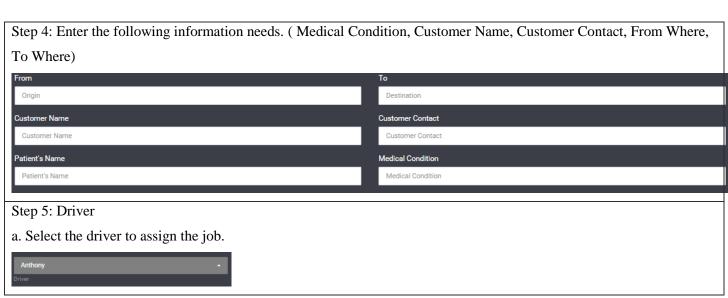
8.1 The Jobs page allow user to create, view, modify & delete schedule job detail.

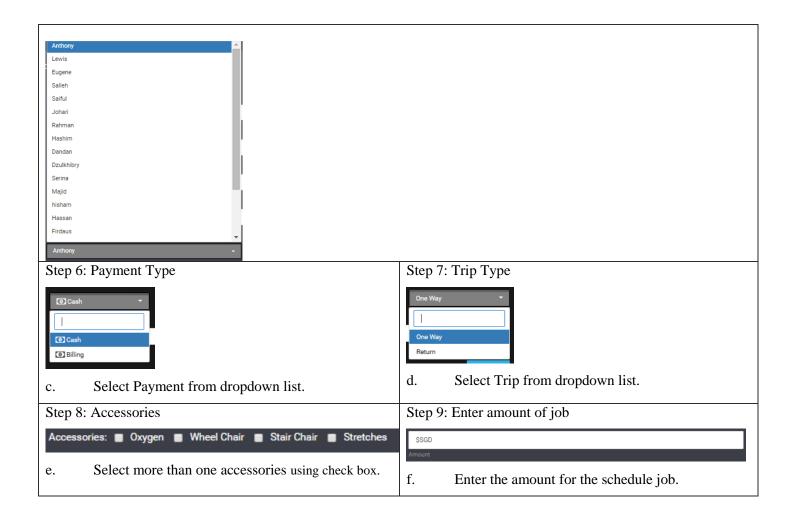


#### 8.2 Schedule Job Creation

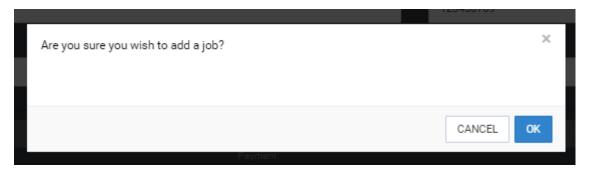




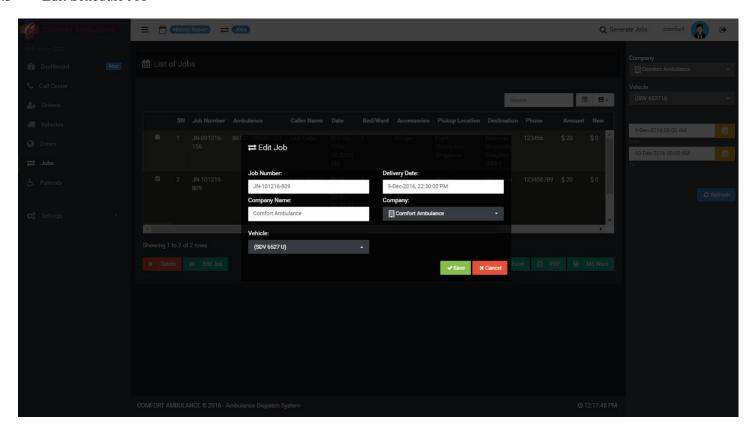


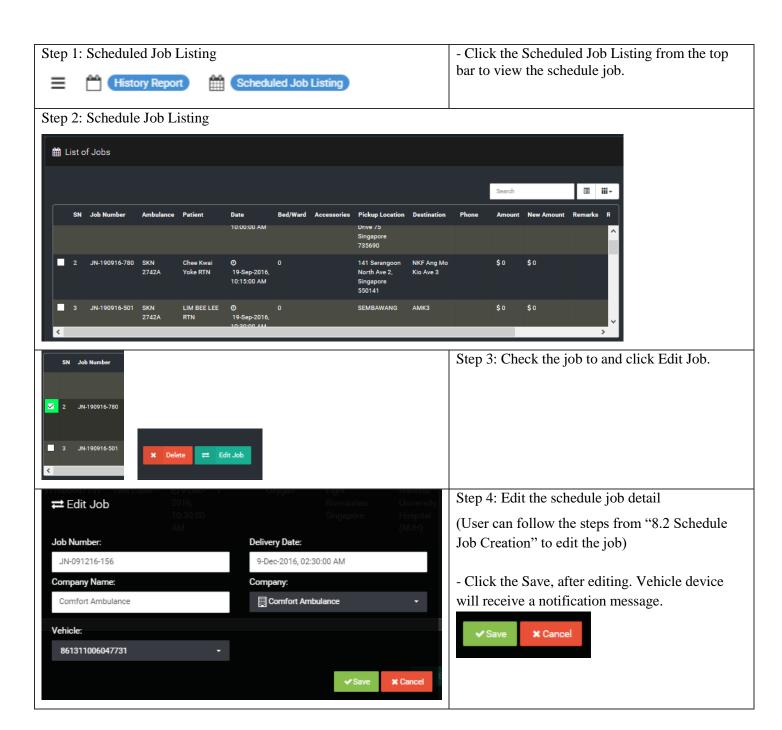


#### 8.2.1 Confirm Submit the New Schedule Job



#### 8.3 Edit Schedule Job

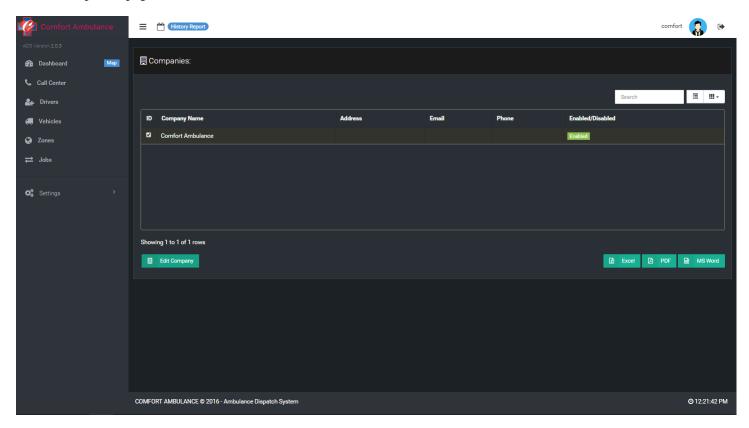




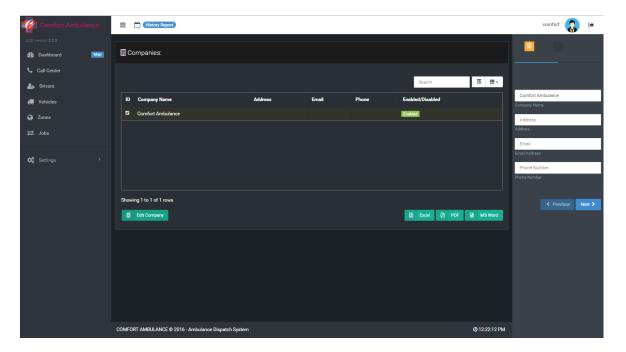
### 9. SETTINGS

#### 9.1 Companies' Settings

a. The Companies page allow user to create, view, edit and delete the branches.

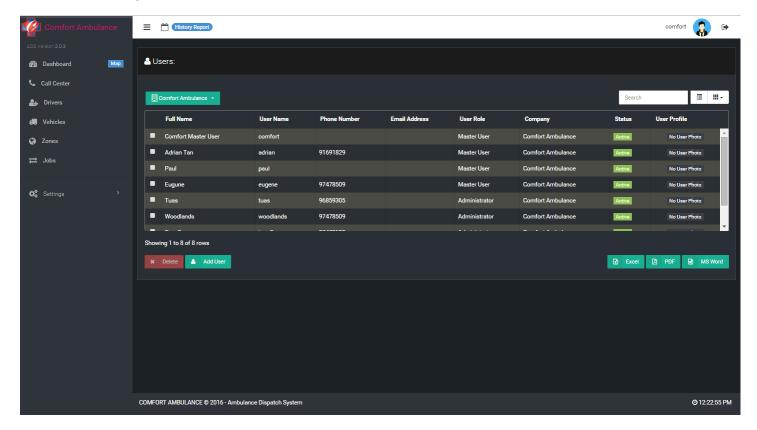


b. Create & Edit the branch.



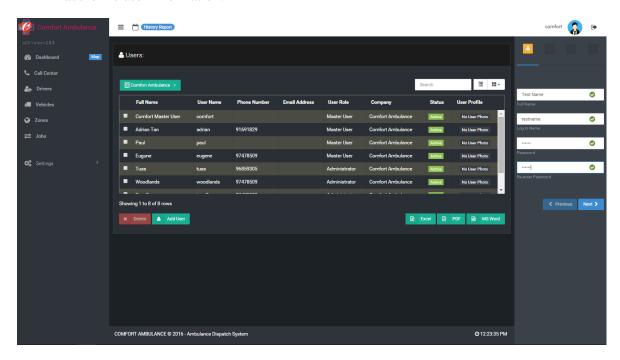
#### 10.2 User's Settings

a. The User's setting allow user to create, view, edit & delete the authorize user.



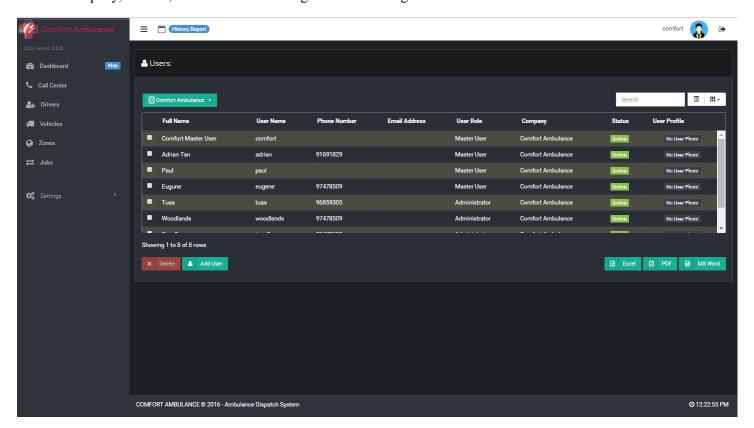
#### b. User Creation.

- Fill in authorize user information.

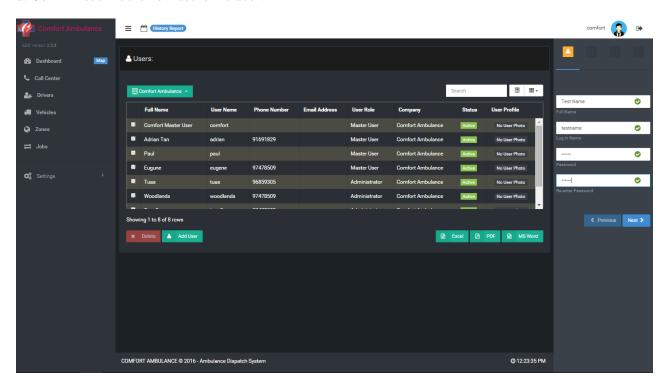


c. Configure User's Setting.

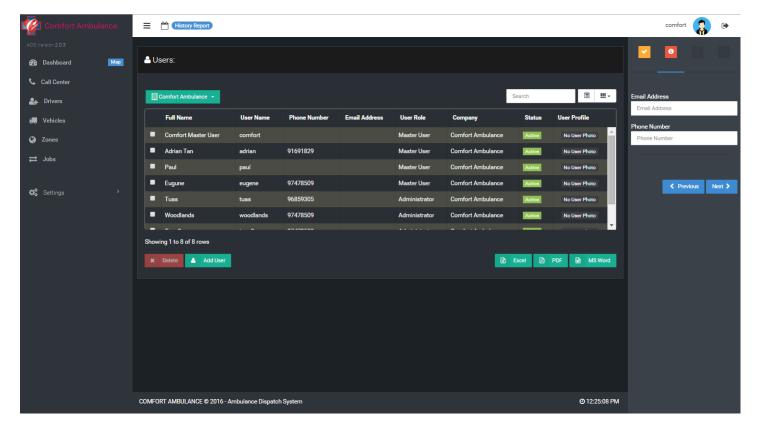
- Select company, vehicle, and user role to configure user's setting.



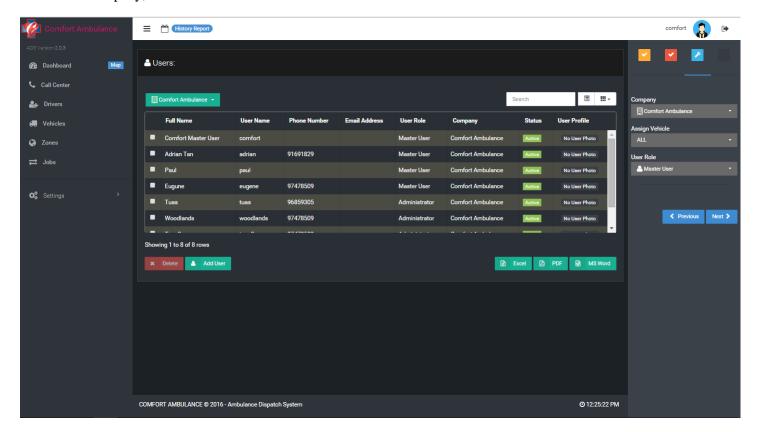
d. Confirm submit the new authorize user.



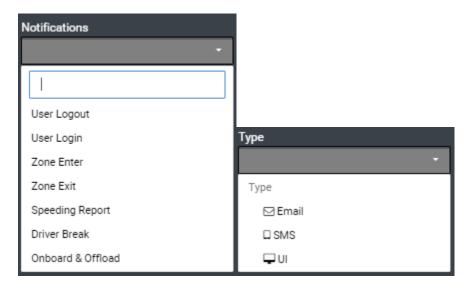
e. Enter email address and phone number of new user.



f. Confirm Company, Vehicle filter and User role for the new user.



g. Confirm the notification criteria and type of notification for the new user.

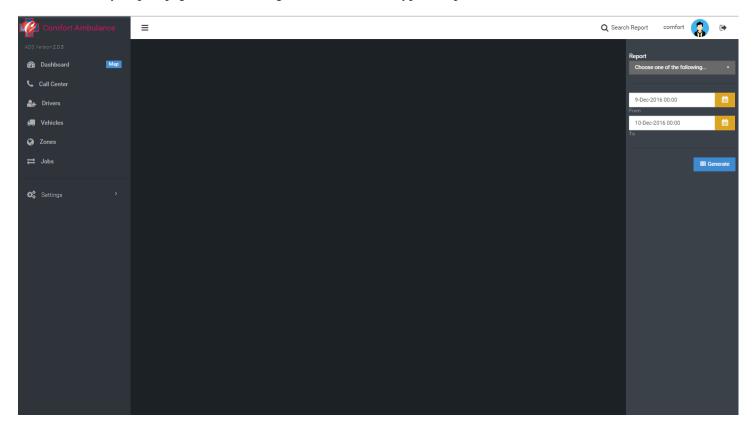


#### h. Submit to add new User

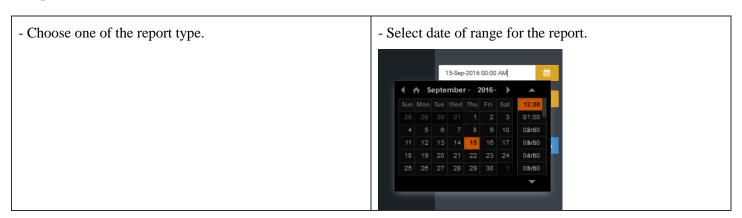


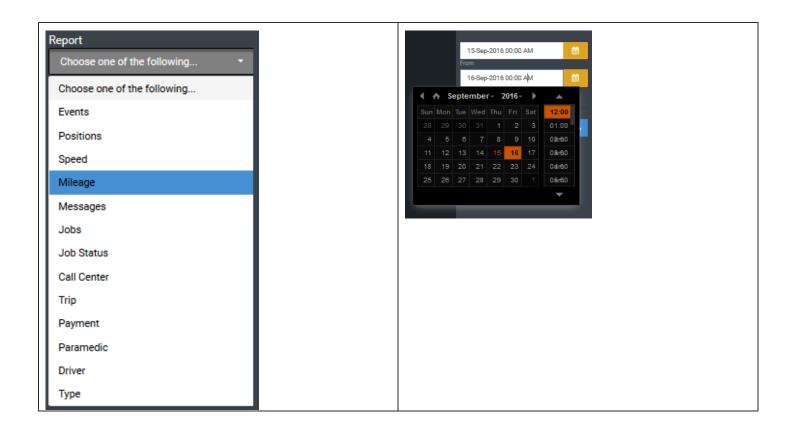
### 10. HISTORY REPORT

10.1 The History Report page allow user to generate the various type of report.



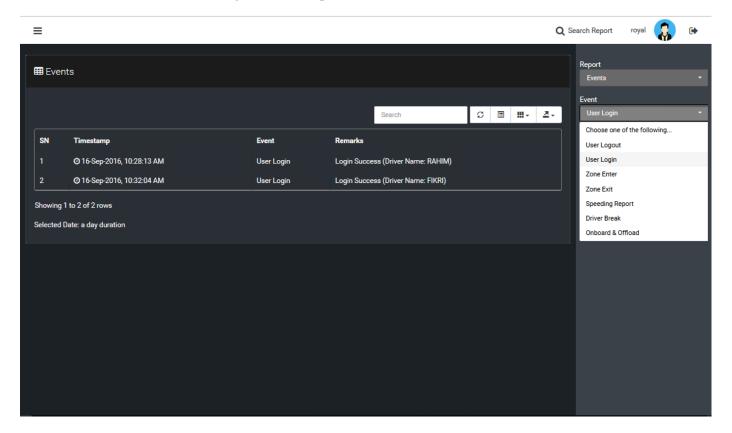
a. Report Creation.



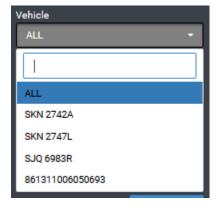


#### 10.1.1 Events Report.

- a. This report allow user to view the vehicle action event.
- User can select one of the event to generate the report.

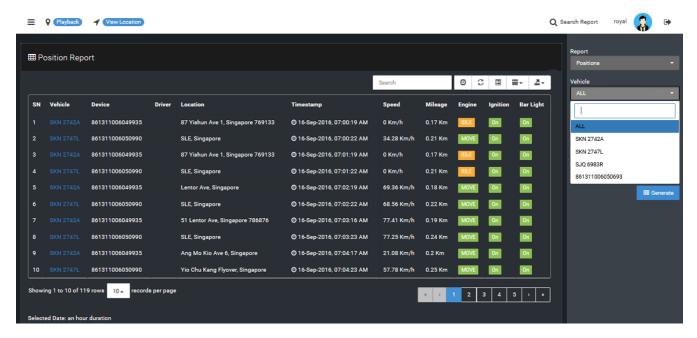


- User can select one of the vehicle to filter the report.



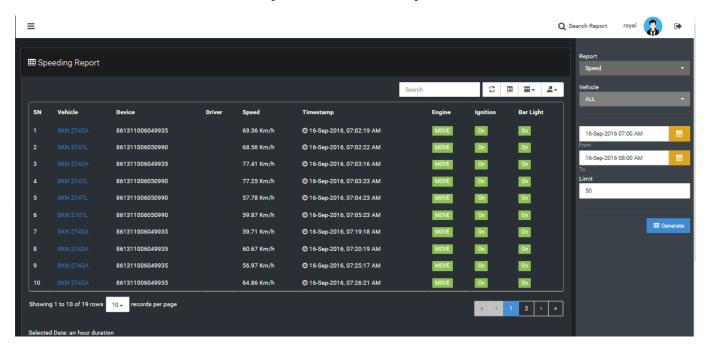
#### 10.1.2 Positions Report

- a. This report allow user to view the vehicle position history.
- User can select the vehicle to filter the report.
- User able to see the vehicle's location, speed, mileage, and status.



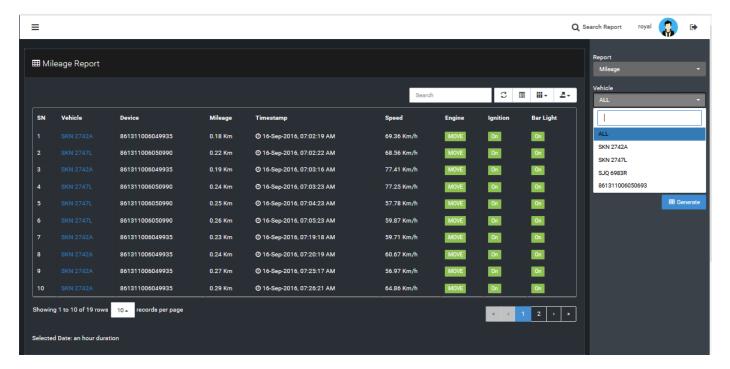
#### 10.1.3 Speed Report

- a. This report allow user to view the vehicle driving speed history.
- User can select the vehicle and fill in the speed limit to filter the report.



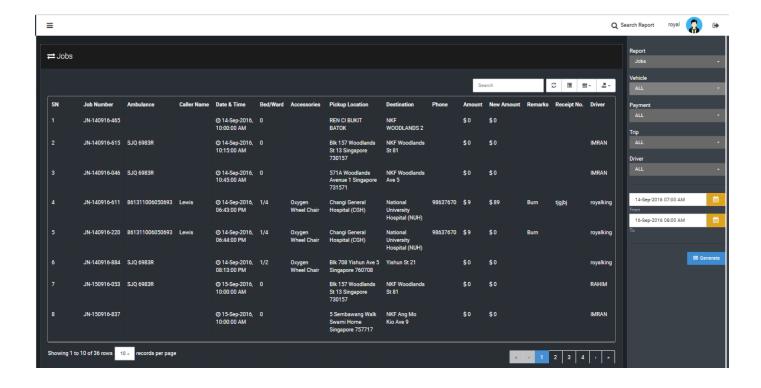
#### 10.1.4 Mileage Report

- a. This report allow user to view the vehicle's mileage report.
- User can select one of the vehicle to filter the report.

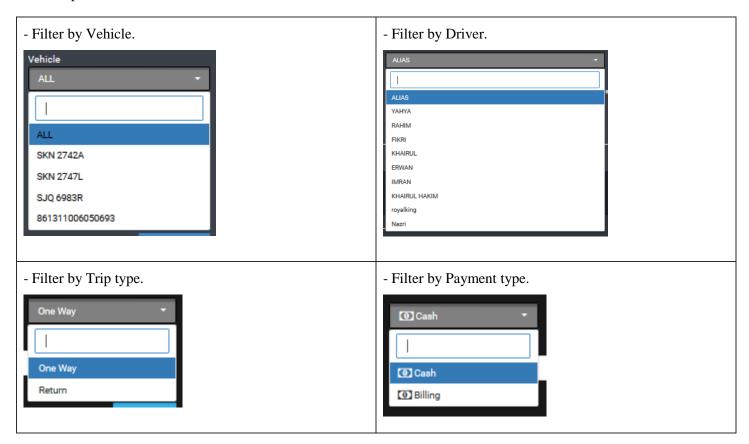


#### 10.1.4 Job Report

a. This report allow user to view the job history, included all details in the job.

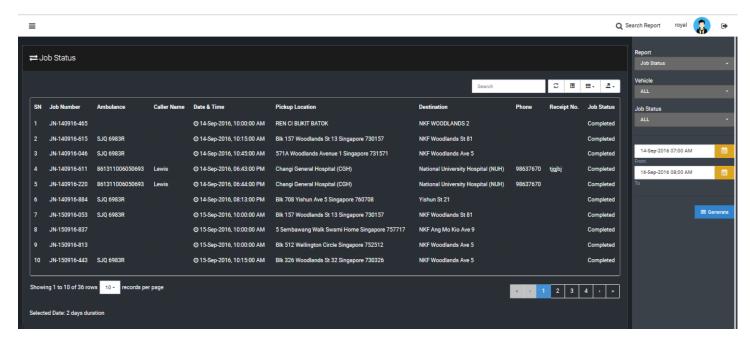


#### b. Job Report Creation.

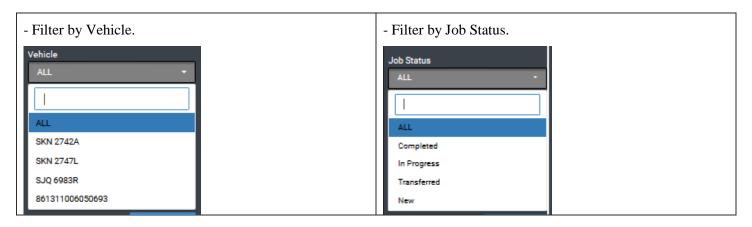


#### 10.1.5 Job Status Report

a. This report allow user to view the all the job status.

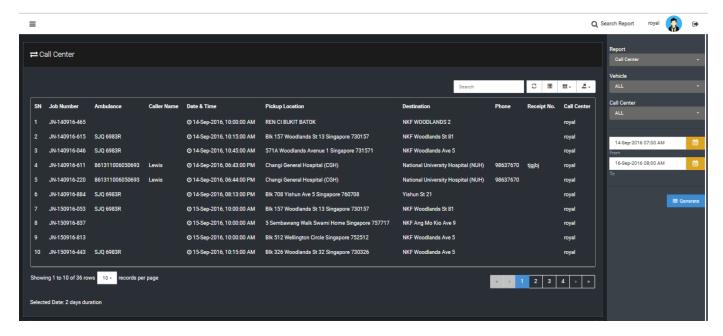


b. Job Status Report Creation.

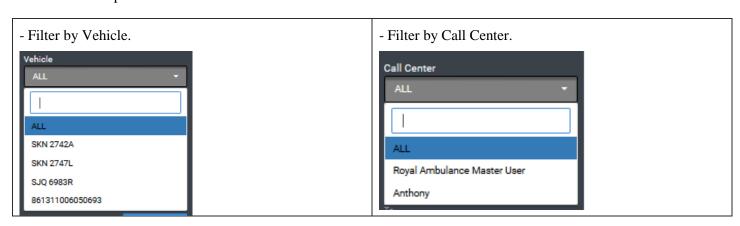


#### 10.1.5 Call Center Report

a. This report allow user to view all the job was created by which call center and its details.

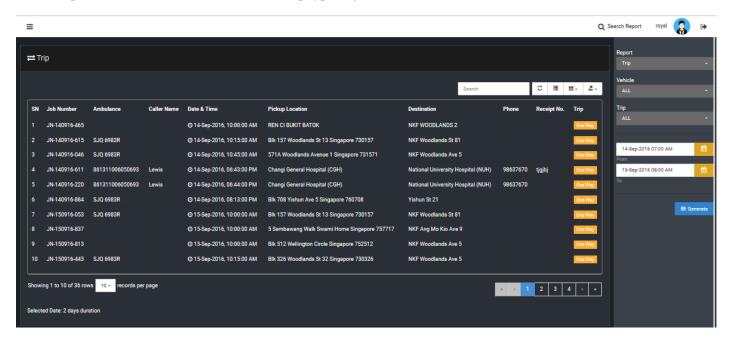


b. Call Center Report Creation.

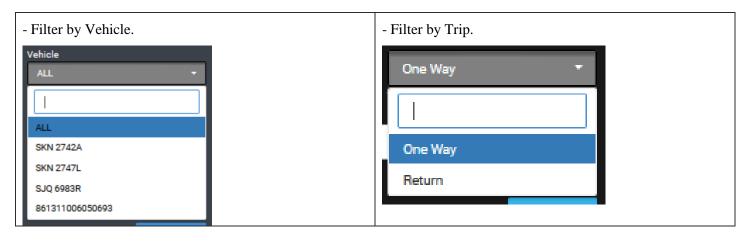


#### 10.1.6 Trip Report

a. This report allow user to view the different trip type of job.

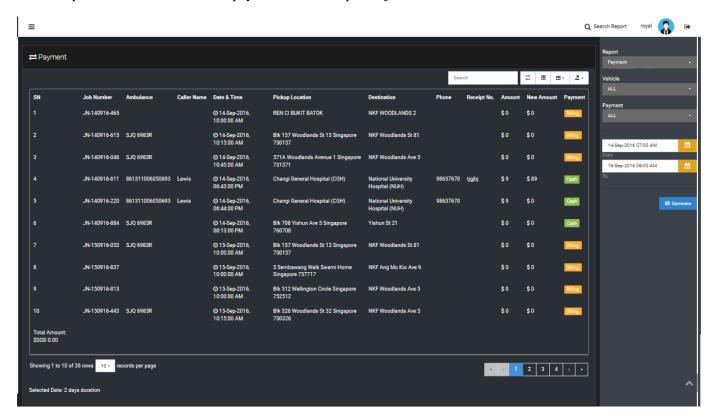


b. Trip Report Creation.

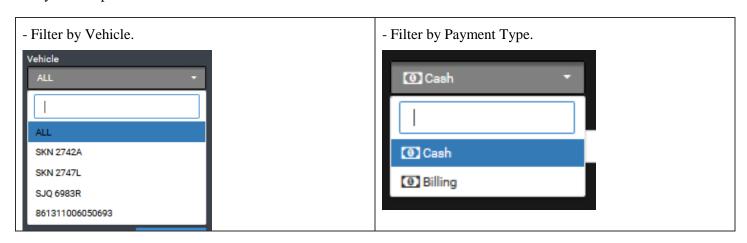


#### 10.1.7 Payment Report

a. This report allow user to view the payment of all completed job.

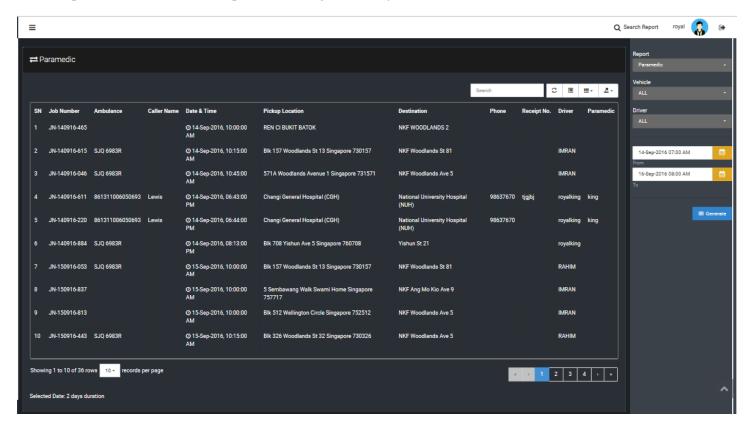


b. Payment Report Creation.

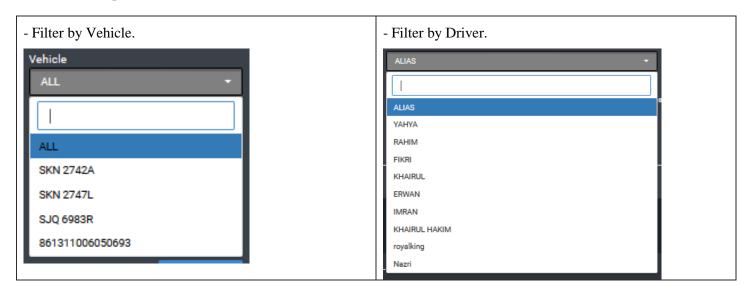


#### 10.1.8 Paramedic Report

a. This report allow user to view the paramedic assigned in the job.

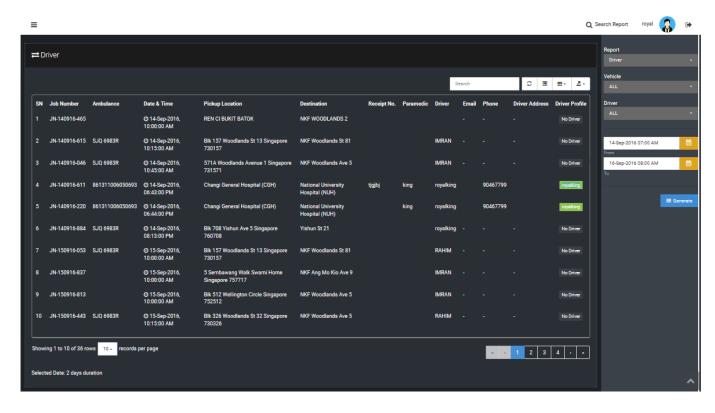


b. Paramedic Report Creation.

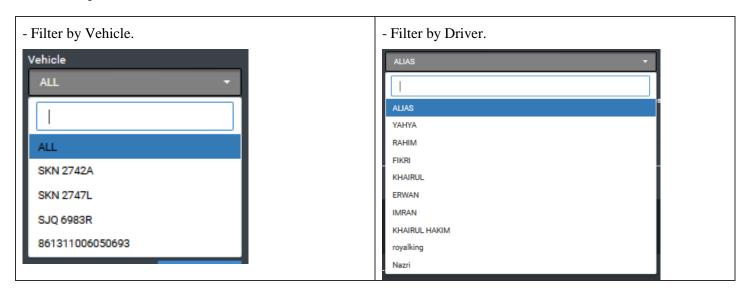


#### 10.1.9 Driver Report

a. This report allow user to view the number of job assigned to driver.

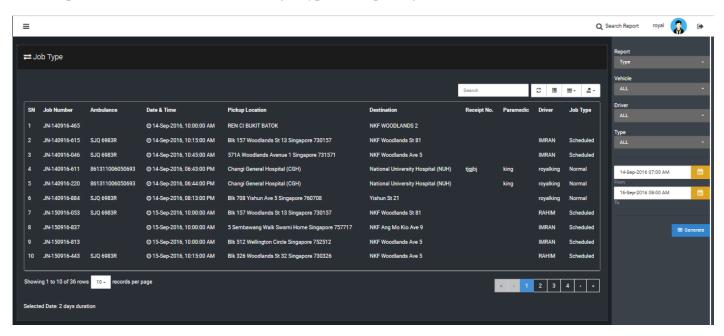


b. Driver Report Creation.

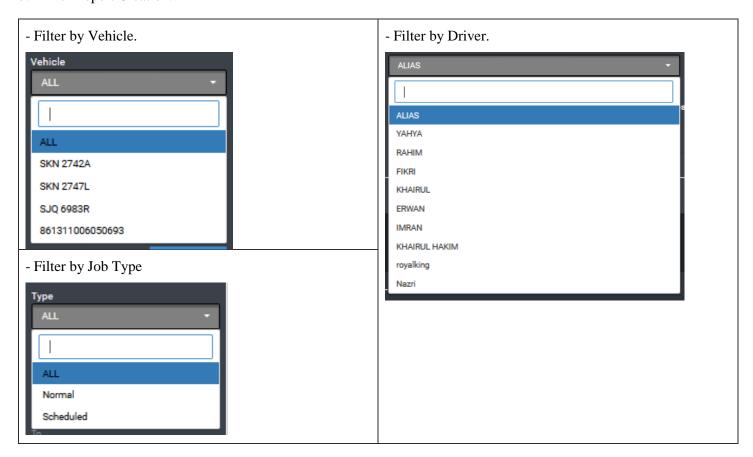


#### 10.1.10 Job Type Report

a. This report allow user to view the different job type of completed job.



b. Driver Report Creation.



### 11. FREQUENTLY QUESTIONS

- Q. Why does my vehicle position defers slightly on the map as compared to the actual physical position A. GPS accuracy typically ranged from 5m to 30m?
- Q. Sometimes the address seems to be slightly off?
- A. Our addresses come from mapping services. We understood the issue and highly recommend to create zones that user can name it with familiar names to avoid confusion in areas that they encounter such issues.
- Q. How do you calculate Speed & Mileage?
- A. We estimate based on distance covered between the 2 GPS positions of the 1-minute interval. Thus, our system can derive an accurate speed if the vehicle maintains about the same velocity for a period of 3 to 5 minutes.

The mileage is calculated in same manner. A straight line distance is estimated between the 2 points in the 1-minute interval. Users can self-update the mileage on the Assets page to keep current with the actual mileage clocked by the vehicle.