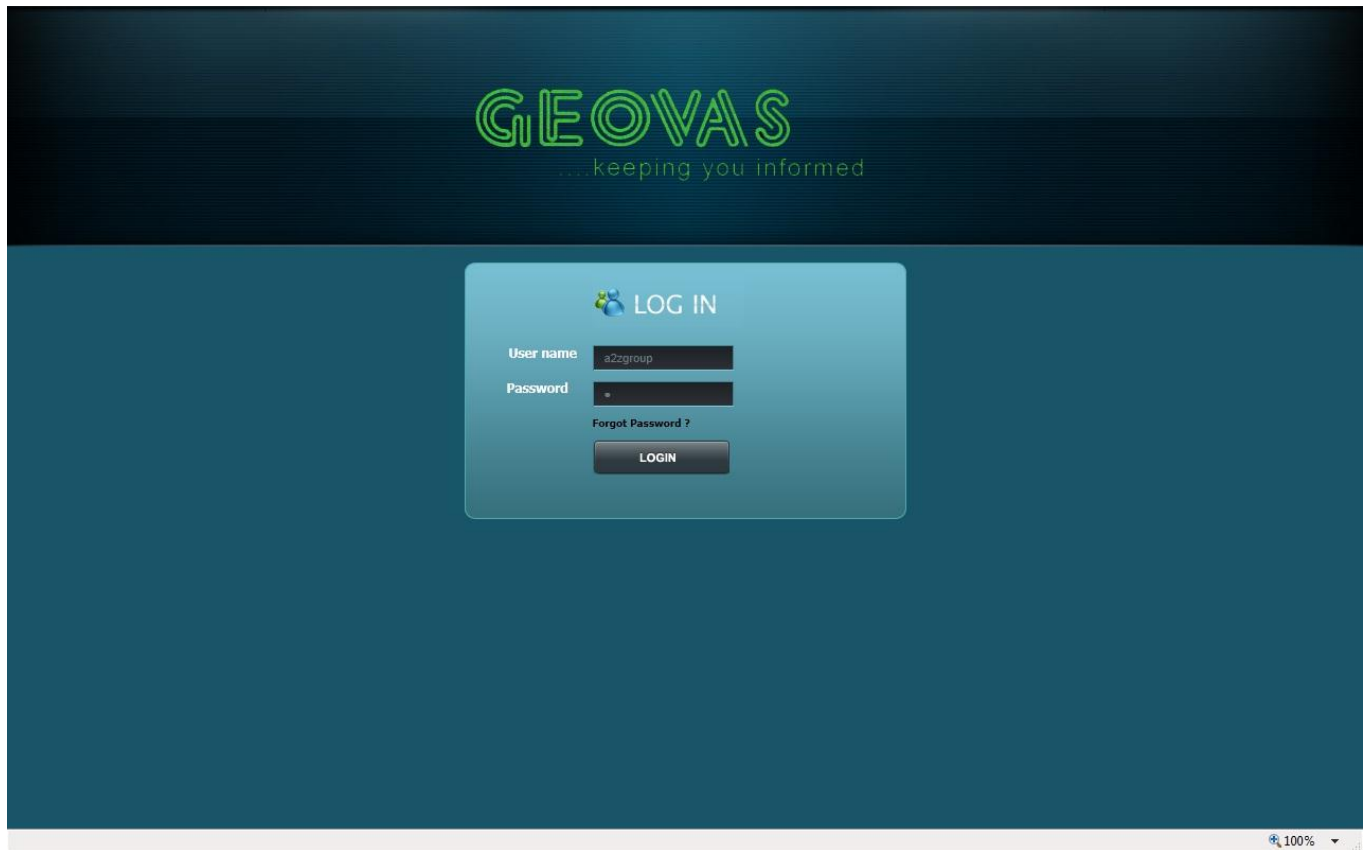


## USER Manual FOR VTS

### 1. Log In



**Purpose:** This page allows the users defined in this application to login and according to the role assigned the login user can perform action according to the rights assigned to him.

#### Steps:

**Step 1:** Enter The User Name inside the textbox.

**Step 2:** Enter The Password inside the textbox.

**Step 3:** Now click on the 'LOGIN' Button.

#### Validations:

1. If User leaves the username Textbox blank and clicks on Login Button, then Error Message will be displayed.
2. If User leaves the password Textbox blank and clicks on Login Button, then Error Message will be displayed.

## USER Manual FOR VTS

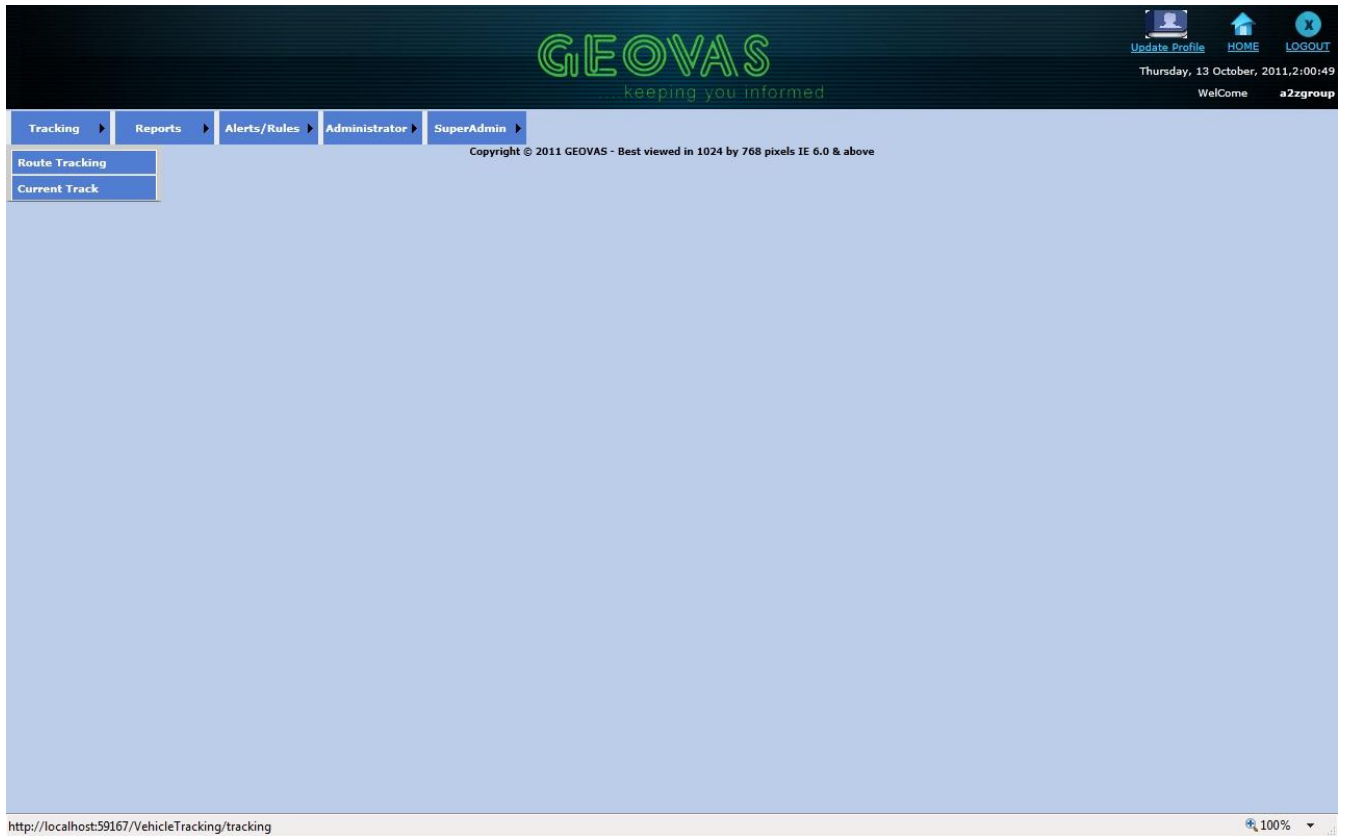
### 2. Home Page & Menu Navigation:



**Purpose:** After the user login's in the Application the home page will be displayed according to the client belongs to and home page will contain information about the client. The Menu's on the home page allows the user to navigate to any page he wishes. The Menu will change according to the role of the user logged in. The Home and close button is used to navigate to home page from any other pages and to login page respectively. Every webpage in the application will show the name of the user as a login user.

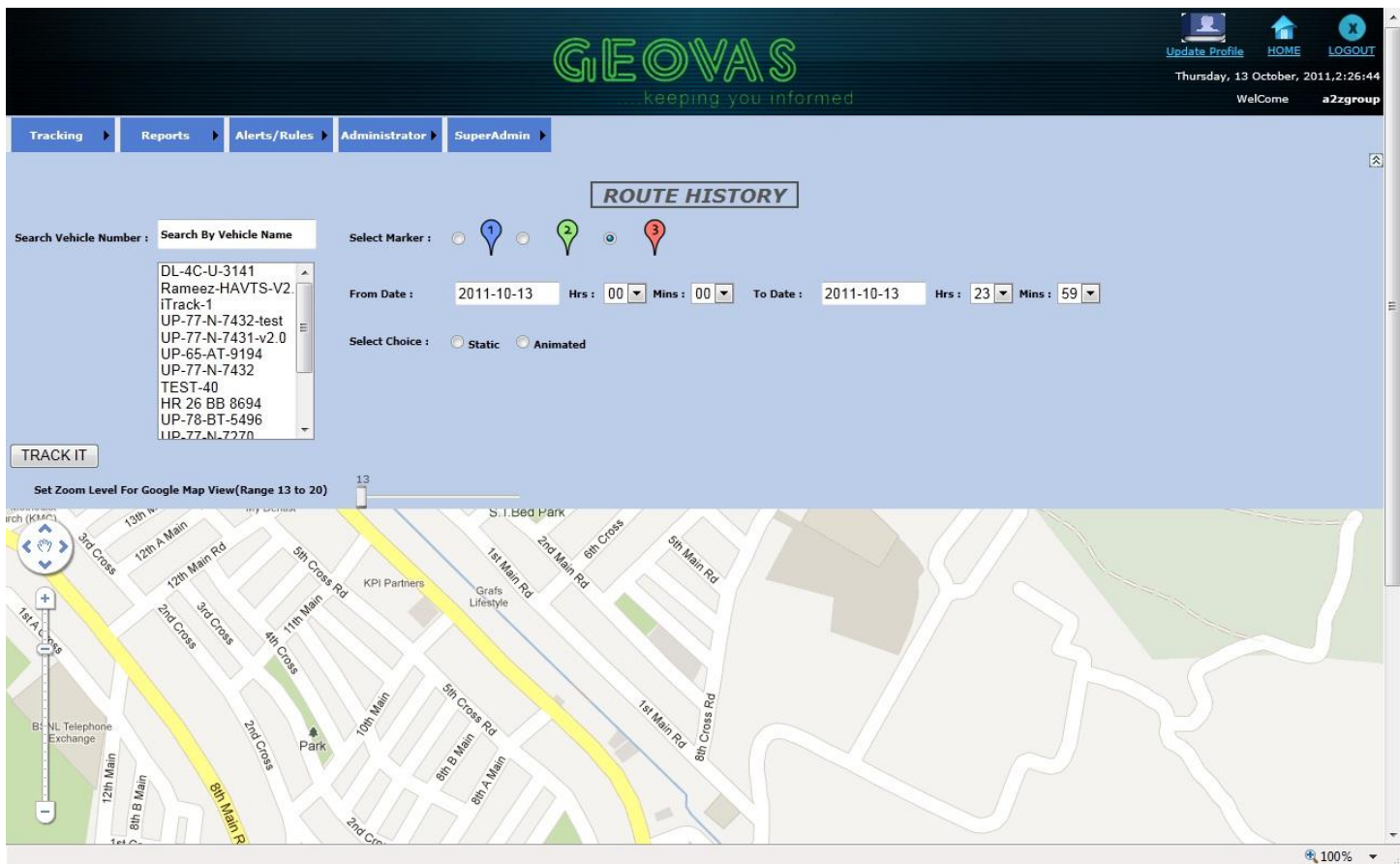
### 3. TRACKING MODULE:

Figure a:



**Purpose:** Inside the Tracking Menu user can track the vehicles assigned to him. The Route History Allow user to get back Route History date of the vehicle by choosing date and time duration on map. The User can get the Current Position of the vehicle inside the 'Current Track' sub menu. The User can also monitor the vehicle live using the Google Map.

### 3.1 Route History Tracking:



**Purpose:** In Route History tracking the user can track route of the vehicle assigned to him by selecting data and time. The User can select the mode of Display to show the path on the map.

#### Steps:

- Step1:** User has to hover over to the Tracking menu on home page as shown in Fig a. and then click on the 'Route Tracking' sub-menu then a page will open as shown in figure above.
- Step2:** Search Vehicle Number From the List Box by typing vehicle Name in the Text box and then select the vehicle from the filtered list of vehicles inside the list box .
- Step3:** Now select the Marker to be displayed from the three radio button options provided, by default the Red marker is been checked.
- Step4:** Now select date and Time duration from the text box and dropdown list respectively.

## USER Manual FOR VTS

**Step5:** Now select the mode of Display of the route of the vehicle selected, by selecting from the two radio Button options static or animation.

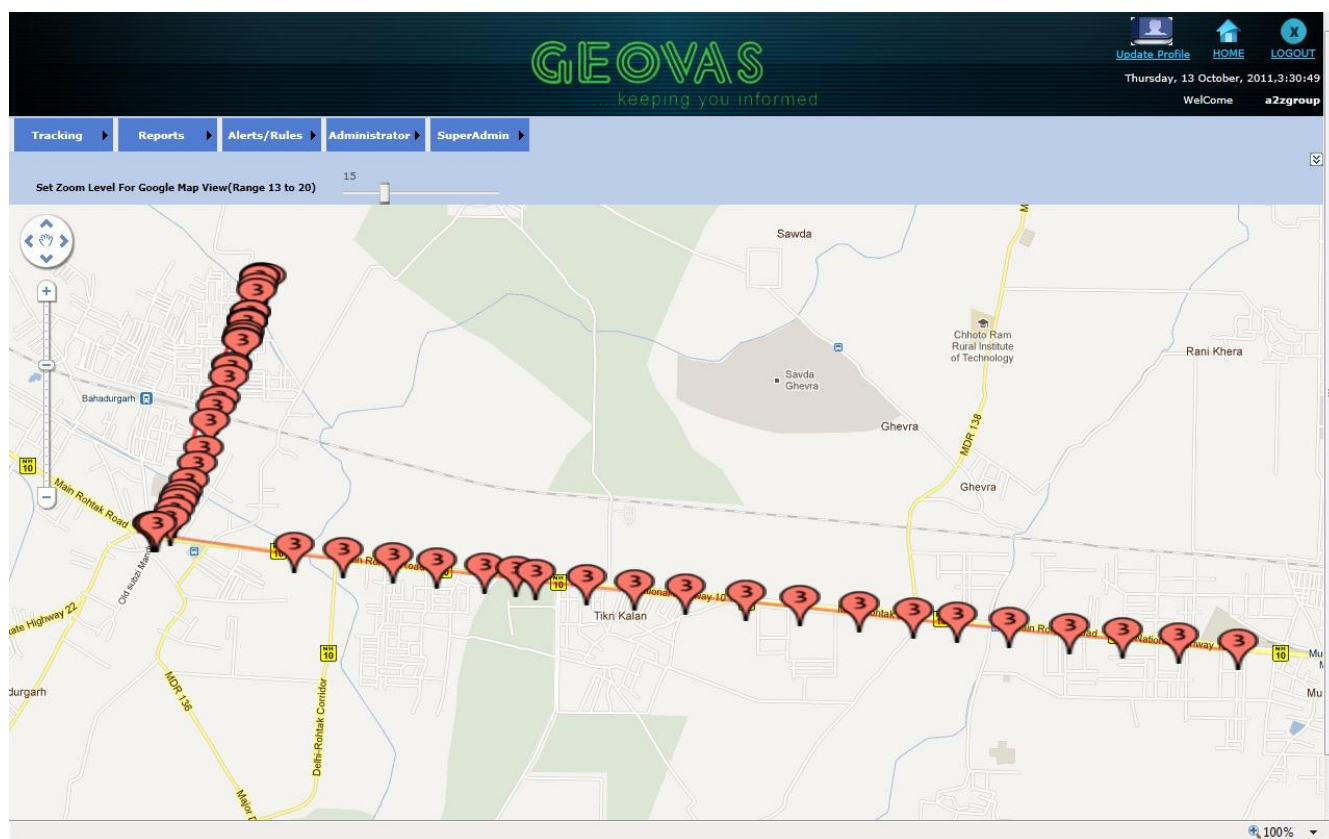
**Step6:** Now if the user selects the animation mode for displaying route then user has to select the speed at Which the route will be displayed on Google Map.

**Step7:** Now click on the Track IT Button and the output will be in accordance with mode selected for displaying path as shown in the figure below.

### Validations:

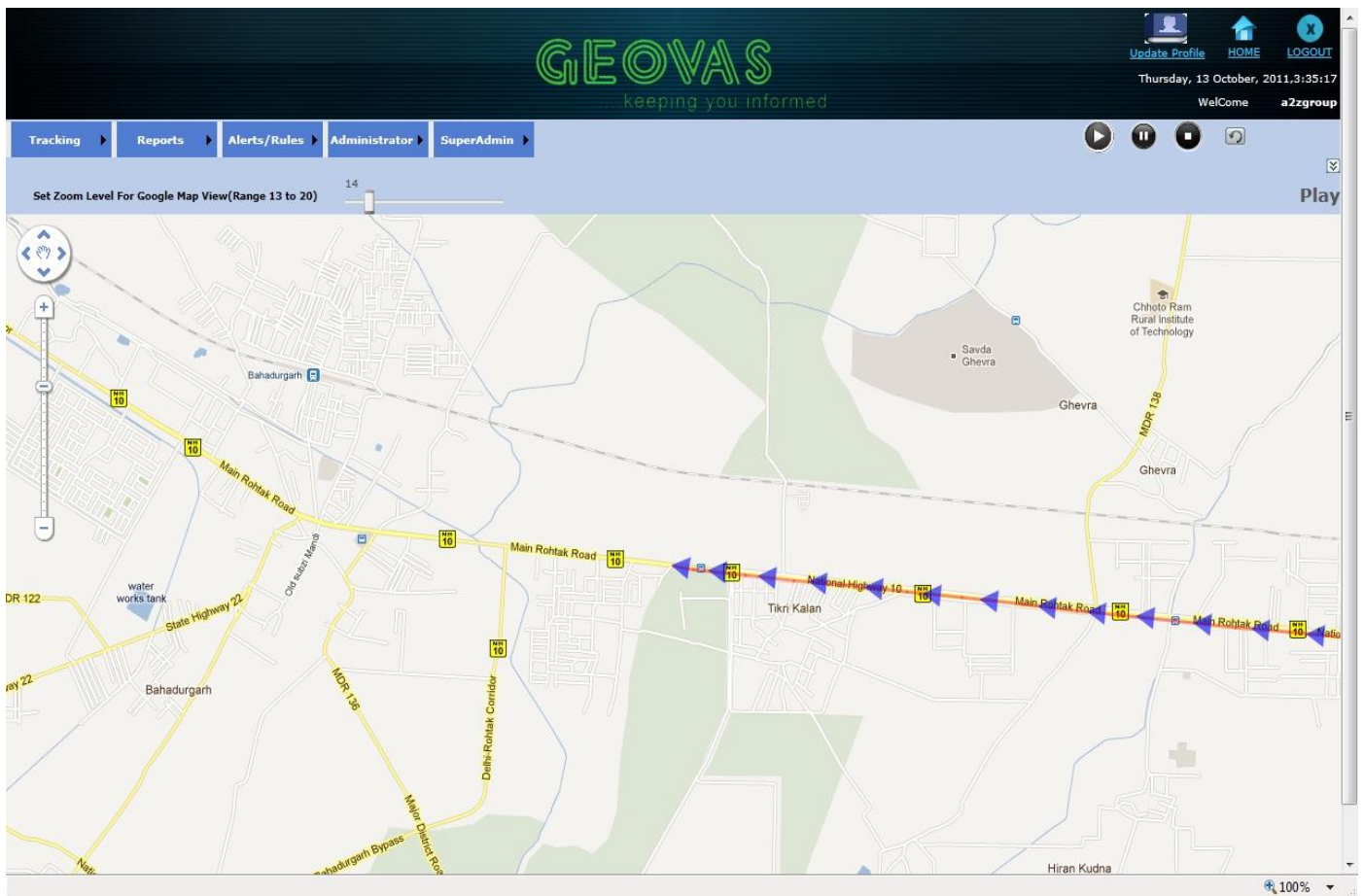
1. If User has not selected vehicle from the list box and then click on Track IT button, then it will throw an error message stating to select vehicle from the list box.
2. If User has not selected the Mode for displaying the path on Google Map, it will throw an error message stating to select from the two radio Button options static or animation.

#### 3.1.1 If static Mode is selected:



## USER Manual FOR VTS

### 3.1.2: If Animated Mode is selected:



### 3.2 CURRENT TRACKING:

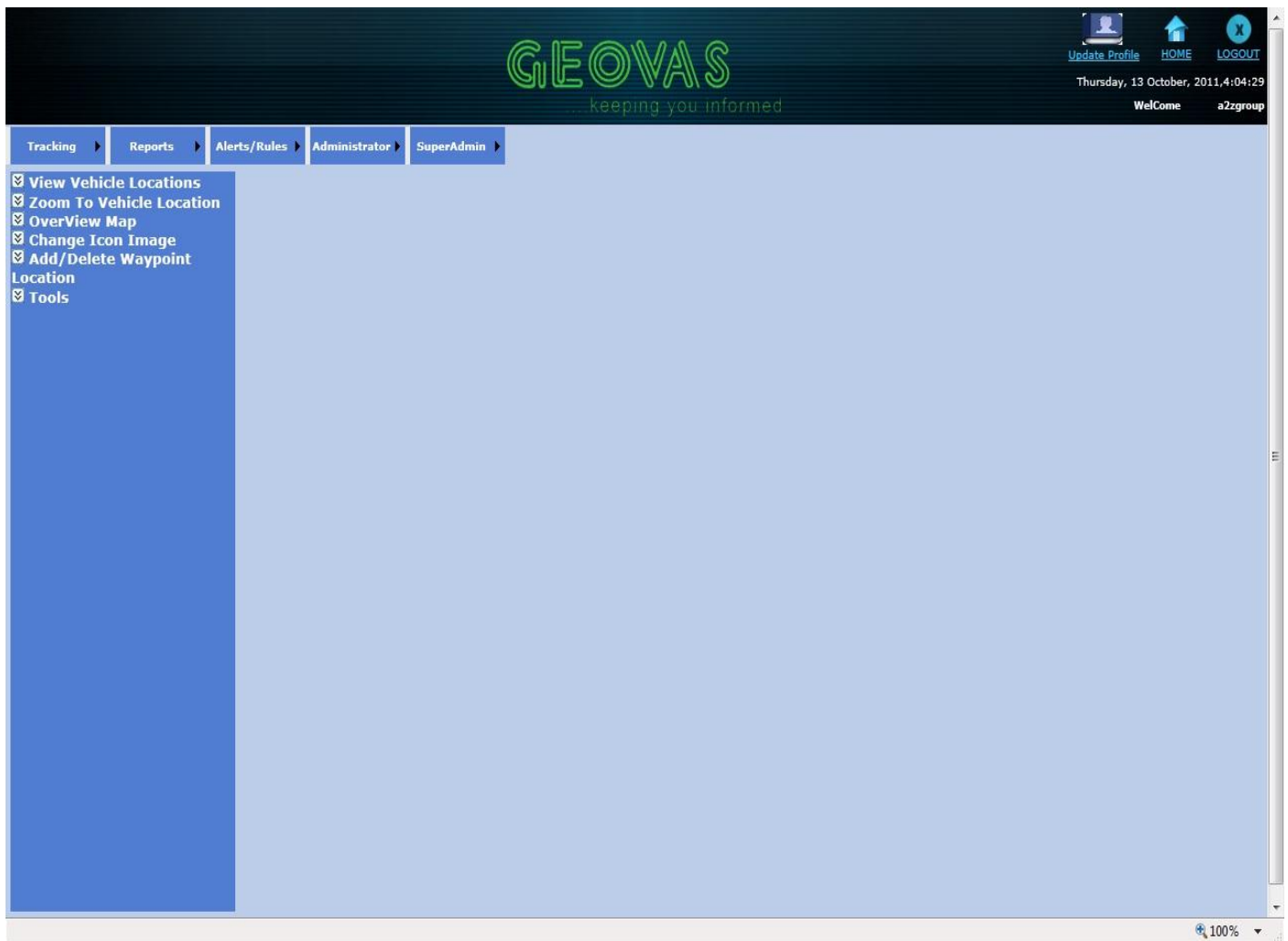


Figure b

**Purpose:** In Current Tracking the user can view latest details of the vehicles assigned to him. The user can view the Current details of the vehicle like speed, odometer, fuel status, and location from the gridview. He can also View the current location of the vehicle on the Google Map. The user can also add and delete waypoints as well as monitor the current running path of a selected vehicle on Google Map.



## USER Manual FOR VTS

### Steps:

To View the Current Position of all vehicles on Google Map.

**Step 1:** Select the View Vehicle Location on the Menu List on Left hand side of the Page as on the figure above.

**Step2:** Then Select View All Option, which will display current location of all the vehicles on the Google Map.

The Output will be same as the figure shown below.





## USER Manual FOR VTS

To View the current value of all Parameters of the vehicle like speed, odometer, location etc. on Gridview.

**Step1:** Select the View Vehicle Location on the Menu List on Left hand side of the Page as on the figure b.

**Step2:** Then user has to hover over to Browse and then click on the Gridview option and then the Output will be same as the Figure shown below.

The screenshot displays the VTS application interface. On the left, a menu titled 'View Vehicle Locations' includes options like 'View All', 'Browse', 'Grid View', 'Zoom To Vehicle Location', 'OverView Map', 'Change Icon Image', 'Add/Delete Waypoint', and 'Tools'. The 'Grid View' option is selected. The main area shows a map of India with two vehicle locations marked: a blue pin labeled '1' near New Delhi and a green pin labeled '2' near Kanpur. Below the map is a table with vehicle tracking data.

S.No.	Vehicle Name	Date&Time	Location	SPEED(Kmph)	Odometer
1	DL-4C-U-3141	13-10-2011 04:28:59 PM	Badli Rd, Sector 15, Rohini, New Delhi, Delhi, Ind	0	42220.98
2	Rameez-HAVTS-V2.0	07-09-2011 03:48:41 AM	No Data	0	1

At the bottom of the interface, the URL <http://localhost:59167/VehicleTracking/ModuleTacking/LiveTracking.aspx#> is visible.

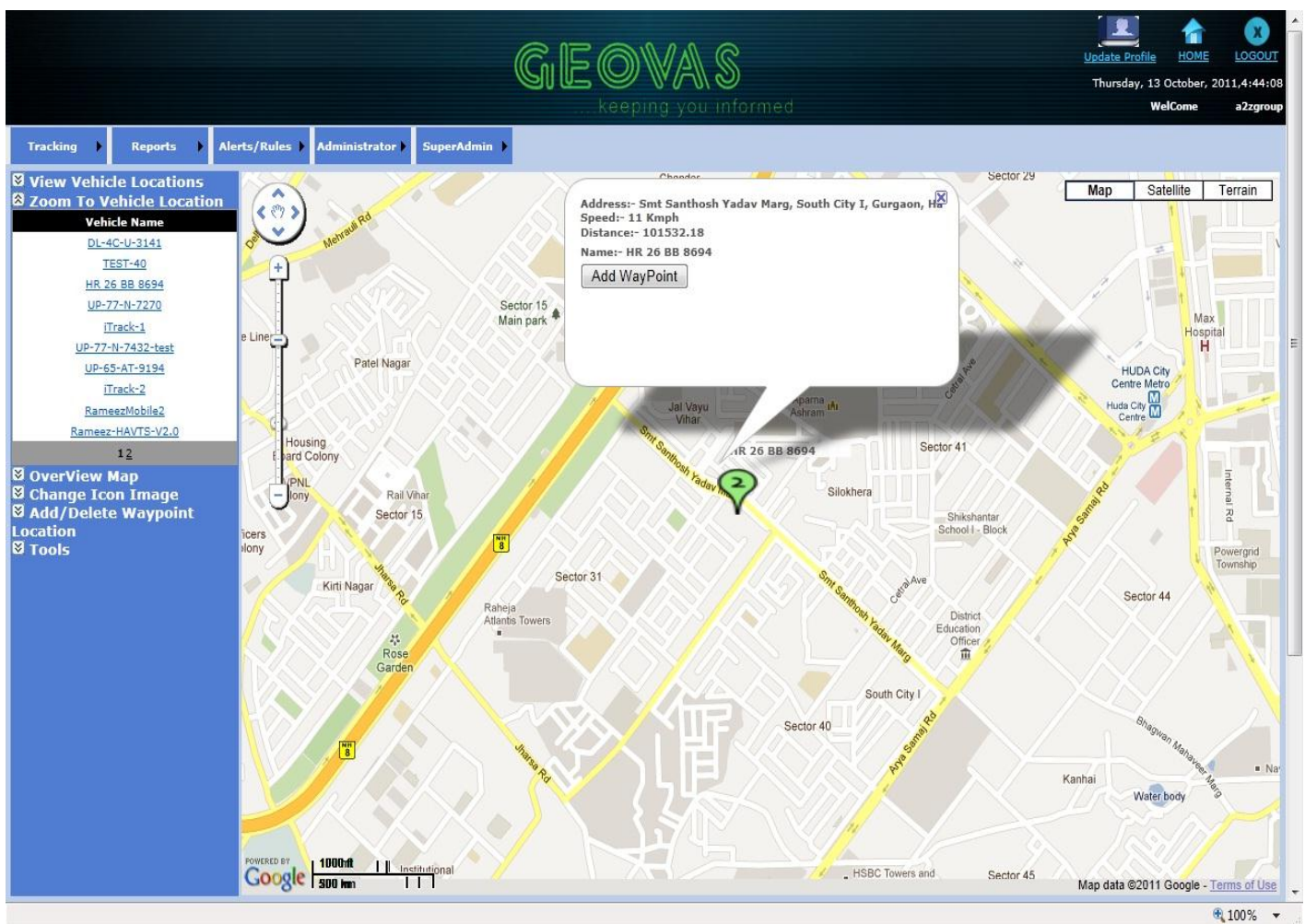
## USER Manual FOR VTS

To view the single selected vehicle on Google Map.

**Steps1:** Select the Zoom to Vehicle Location on the Menu List on Left hand side of the Page as on the figure b.

**Steps2:** Now click on the vehicle Number displayed on the gridview and the current location of the vehicle will be shown as on the figure as below.

**Steps3:** The Gridview will not show more than 10 vehicles at a time so paging is provided and number of pages will be displayed at the bottom of the gridview.



## USER Manual FOR VTS

### TO ADD WAYPOINTS

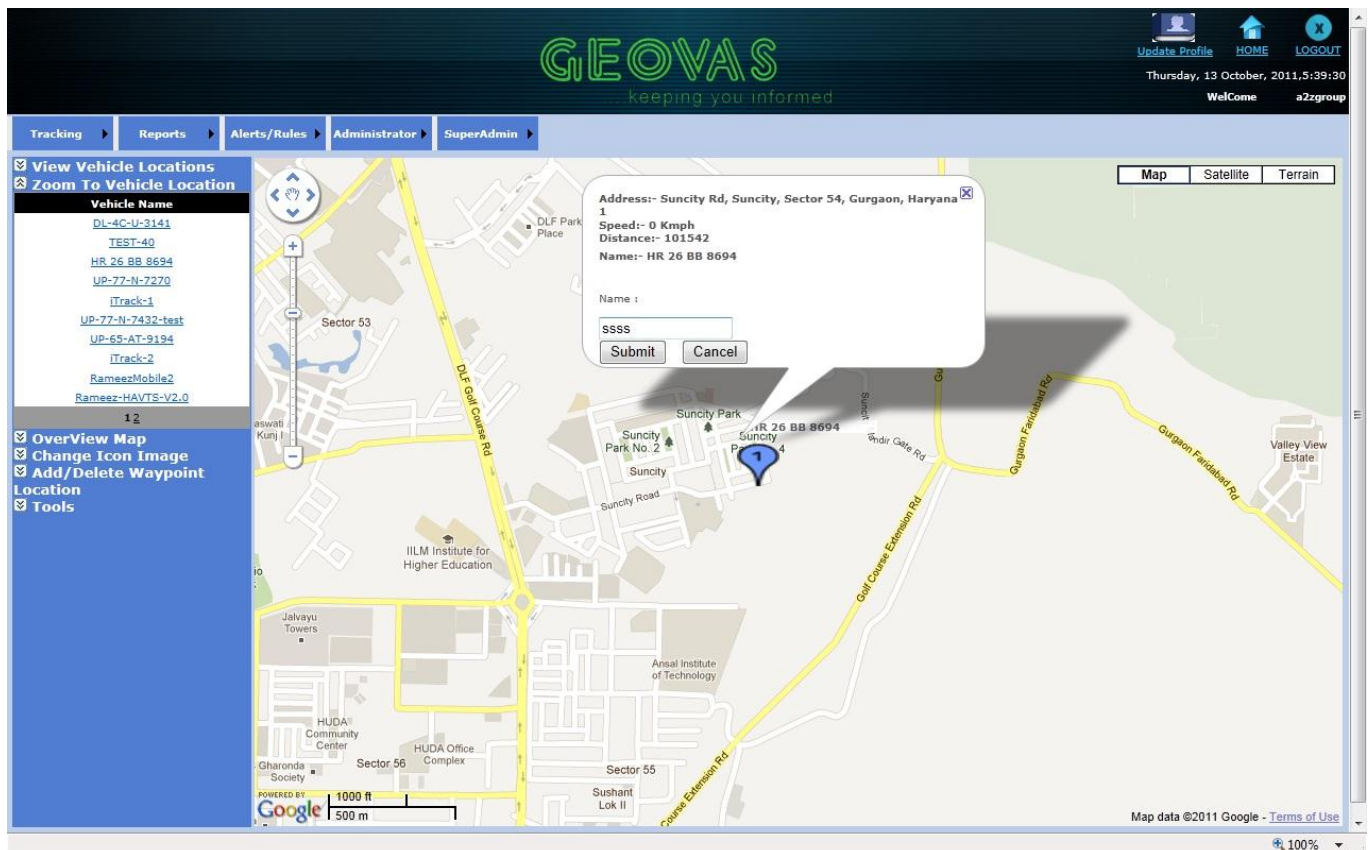
**Steps1:** Select the Zoom to Vehicle Location on the Menu List on Left hand side of the Page as on the figure b.

**Steps2:** Now right click on the marker displayed on the Google Map.

**Steps3:** Now click on the Add waypoint Button on Info marker.

**Steps4:** Now Enter the Address in the Text Box.

**Steps5:** Now Click on Submit Button to save the user input address to that particular latitude and longitude and click on the Cancel Button for canceling the saving of waypoints.



Add Waypoint Screen Shot.



## USER Manual FOR VTS

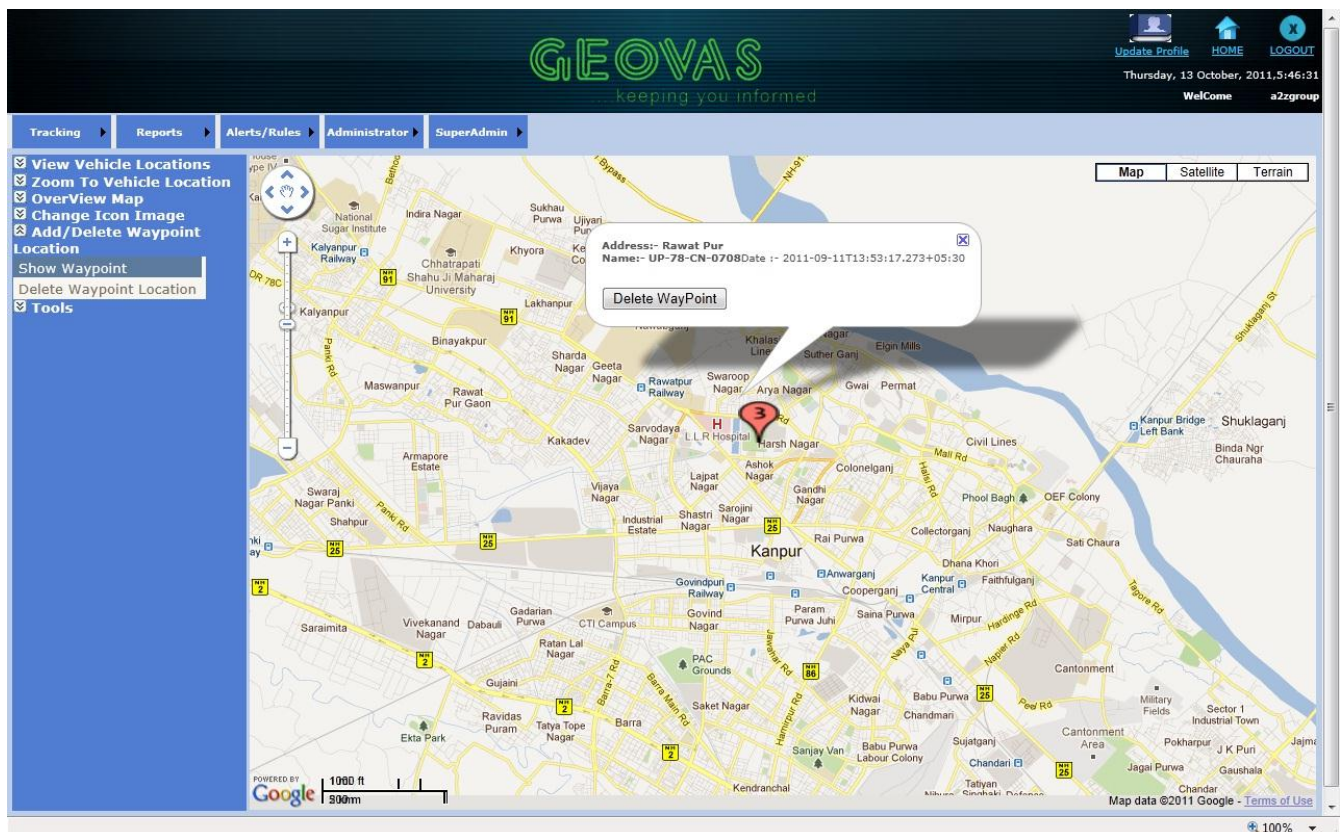
### TO DELETE WAYPOINTS

**Steps1:** Select the ADD\Delete Waypoint Location on the Menu List on Left hand side of the Page as on the figure b.

**Steps2:** Select the Show Waypoint link it displays all the user entered waypoints as marker on Google map.

**Steps3:** Now right click on the marker displayed on the Google Map.

**Steps4:** Now click on the Delete waypoint Button on Info marker to delete the User entered waypoint.

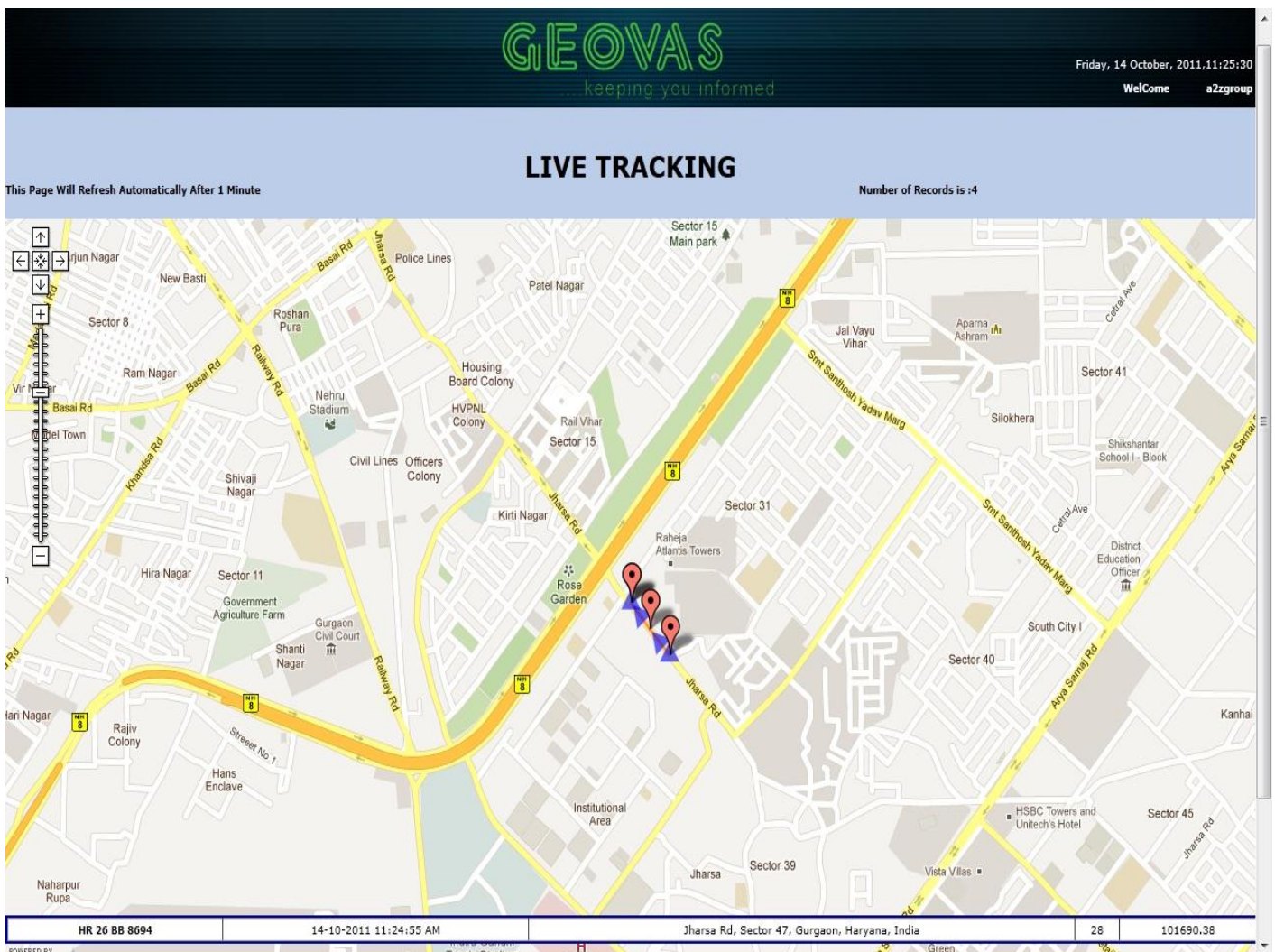


Delete Waypoint Screen Shot.

## USER Manual FOR VTS

### FOR LIVE TRACKING OF THE VEHICLES

- Step1:** Select the View Vehicle Location on the Menu List on Left hand side of the Page as on the figure b.
- Step2:** Now hover over to Browse and then click on the gridview option and then the output will be same as the figure b.
- Step3:** Now Click on Map IT link on the gridview which is on the opposite column of the vehicle the user wants to monitor live.
- Step4:** Now a new page will be opening indicating the current position of the vehicle and which will be refreshing every one minute showing the current path taken by the vehicle as shown in figure below.



## USER Manual FOR VTS

### 4. Report Module:



Figure c.

**Purpose:** In the report module the user can view Summary, Event, Fleet Detail and History tracking of all the vehicles which are assigned to him. The user can select the from date , time and to date , time and other parameters for displaying the data. The Report can be viewed in two different forms one is gridview and one is in crystal report. The crystal report can be transported in different formats by the user.



## USER Manual FOR VTS

### 4.1 SUMMARY REPORT:

The screenshot displays the GEOVAS web application interface for generating a Summary Report. The header includes the GEOVAS logo with the tagline 'keeping you informed', and navigation links for Update Profile, HOME, and LOGOUT. The main navigation bar contains links for Tracking, Reports, Alerts/Rules, Administrator, and SuperAdmin. The central area is titled 'SUMMARY REPORT' and features a search section with a 'Search Vehicle Number' dropdown menu (showing options like All, DL-4C-U-3141, Rameez-HAVTS-V, iTrack-1, etc.), a 'From Date' and 'To Date' selection with HH:MM dropdowns, and a 'Halt Duration' input field. Below the search section, there are radio buttons for 'Report Style For Viewing' (GridView and Report) and a 'Get Data' button. The footer contains a copyright notice: 'Copyright © 2011 GEOVAS - Best viewed in 1024 by 768 pixels IE 6.0 & above'.

**Purpose:** In Summary Report the user can view the overall report of the vehicles within a specified period selected by the user . The user can view the reports in two ways gridview format and in crystal report format. In crystal report format the user can save the report in the form of excel sheet, word format etc.

#### Steps:

**Step1:** Now hover over to Report Menu on the home page as shown in figure c.

**Step2:** Now select Summary Report sub menu.

**Step3:** Search for the vehicle in the list box by typing the vehicle name inside the text box and then select the vehicle from the list box from the filtered vehicle list.

**Step4:** Now select the from date and time from text box and dropdown list respectively by default it will be current date and time will 12 in morning.

**Step5:** Now select the to date and time from text box and dropdown list respectively by default text box and dropdown list will show the current date and time

## USER Manual FOR VTS

**Step6:** Now select the Halt duration from dropdown box, which is by default 15 mins. The Halt duration will be in multiples of 5.

**Step7:** Now select the Type of Report wanted gridview type or Crystal report type. By Default gridview type is Selected.

**Step8:** Now click on the Get Data button to view the report according to the type of Report selected.

### Validations:

1. If vehicle is not selected from List box and user clicks on Get Data button then an error message indicating the same will be displayed.
2. If there no data for the vehicle is there then an error message indicating the same will be displayed.
3. If All option is selected from list box then user will not be allowed to select any other vehicle name in list box and if a vehicle is selected then again user select's All option then the selected vehicle will become unselected.

# USER Manual FOR VTS

#### 4.1.1 Summary Report in Gridview Format:



[Update Profile](#)
[HOME](#)
[LOGOUT](#)

Friday, 14 October, 2011, 12:29:07

WelCome a2zgroup

[Tracking](#)
[Reports](#)
[Alerts/Rules](#)
[Administrator](#)
[SuperAdmin](#)

SUMMARY REPORT

Search Vehicle Number :

All

All

DL-4C-U-3141

Rameez-HAVTS-V

iTrack-1

UP-77-N-7432-test

UP-77-N-7431-v2.0

UP-65-AT-9194

UP-77-N-7432

TEST-40

From Date :

2011-10-14

HH :

00

MM :

00

To Date :

2011-10-14

HH :

12

MM :

28

Halt Duration :

15

Mins

Report Style For Viewing

☒ GridView
☐ Report


Get Data

S.No.	Vehicle Name	Halt Time	Movement Time	Location	Distance	Overspeed
1	UP-78-BT-9993	00:00:00	00:00:00	No Data	0	0
2	UP-77-N-7432	00:00:00	00:00:00	No Data	0	0
3	UP-77-N-7432-test	00:00:00	00:00:00	No Data	0	0
4	UP-78-BT-5496	12:28:00	0:0:0	NH-2 Bypass, Saraimita, Kanpur, Uttar Pradesh, Ind to National Highway 25, Shastri Nagar, Kanpur, Uttar	51	0
5	HR 26 BB 8694	11:51:10	0:36:420	No Data to National Highway 8, Chanakyapuri, New Delhi, Delhi	76	0
6	UP-77-N-7270	00:00:00	00:00:00	No Data	0	0
7		00:00:00	00:00:00	No Data	0	0
8	2322	00:00:00	00:00:00	No Data	0	0
9	DL-4C-U-3141	8:43:310	3:44:290	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura to DLF Tower 8 Rd, DLF City Phase III, Gurgaon, Harya	62	23
10	UP-65-AT-9194	00:00:00	00:00:00	No Data	0	0
11	TEST-40	00:00:00	00:00:00	No Data	0	0
12	iTrack-2	00:00:00	12:28:00	Navabganj Rd, Permat, Kanpur, Uttar Pradesh, India to State Highway 58, Sadr Bazaar, Mirpur, Kanpur, Utt	10792	23
13	iTrack-1	00:00:00	12:28:00	NH-91 Bypass, Uttar Pradesh, India to Gyan Prakash Rd, Vivekanand Nagar, Kanpur, Uttar P	37866	23
14	Rameez-HAVTS-V2.0	00:00:00	00:00:00	No Data	0	0
15	UP-77-N-7431-v2.0	12:28:00	00:00:00	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura to Maharaja Agrasen Marg, Uttari Pitampura, Pitampura	8	23

## USER Manual FOR VTS

### 4.1.2 Summary Report in Crystal Report Format:

14-10-2011



Summary Report

From Date : 14-10-2011 12:00:00AM

To Date : 14-10-2011 12:28:00PM

Vehicle Name	Halt Duration (HH:MM:SS)	Movement Duration (HH:MM:SS)	Location	Distance (KM)	Maximum Speed	Over Speed	Long Halt Events
UP-78-BT-9993	00:00:00	00:00:00	No Data	0.00	0	0	0
UP-77-N-7432	00:00:00	00:00:00	No Data	0.00	0	0	0
UP-77-N-7432-test	00:00:00	00:00:00	No Data	0.00	0	0	0
UP-78-BT-5496	12:28:00	0:0:0	NH-2 Bypass, Saraimita, Kanpur, Uttar Pradesh, Ind to National Highway 25, Shastri Nagar, Kanpur, Uttar	51.00	51	0	0
HR 26 BB 8694	11:51:10	0:36:420	No Data to National Highway 8, Chanakyapuri, New Delhi, Delhi	76.00	91	0	9
UP-77-N-7270	00:00:00	00:00:00	No Data	0.00	0	0	0
	00:00:00	00:00:00	No Data	0.00	0	0	0
2322	00:00:00	00:00:00	No Data	0.00	0	0	0
DL-4C-U-3141	8:43:310	3:44:290	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura to DLF Tower 8 Rd, DLF City Phase III, Gurgaon, Harya	62.00	73	23	4
UP-65-AT-9194	00:00:00	00:00:00	No Data	0.00	0	0	0

1

### 4.2 EVENT REPORTS:

**GEOVAS**  
keeping you informed

Update Profile HOME LOGOUT  
Friday, 14 October, 2011, 12:36:19  
WelCome a2zgroup

Tracking Reports Alerts/Rules Administrator SuperAdmin

**EVENT REPORT**

Search Vehicle Number : Search By Vehicle Name

From Date : 2011-10-14 HH : 00 MM : 00 To Date : 2011-10-14 HH : 23 MM : 59

Reports To Be Viewed :

☒ GPS String ☐ Panic ☐ Battery Voltage ☐ Fuel Indication  
☐ Ignition ☐ Over Speed ☐ Temperature ☐ Pause/Idle

Select All  
Unselect All

Report Style For Viewing : ☒ GridView ☐ Report

Get Data

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**Purpose:** In Event Report the user can view the overall report of the vehicles within a specified period selected by the user . The user can view the reports in two ways gridview format and in crystal report format. In crystal report format the user can save the report in the form of excel sheet , word format etc.

#### Steps:

**Step1:** Now hover over to Report Menu on the home page as shown in figure c.

**Step2:** Now select Event Report sub menu.

**Step3:** Search for the vehicle in the list box by typing the vehicle name inside the text box and then select the vehicle from the list box from the filtered vehicle list. User can select more than one vehicle at a time.

**Step4:** Now select the from date and time from text box and dropdown list respectively by default it will be current date and.

**Step5:** Now select the to date and time from text box and dropdown list respectively by default it will be current date and time

## USER Manual FOR VTS

**Step6:** Now the user can select the any number of events by selecting the checkboxes. User can select all the Events by clicking on Select All button and can unselect all the events at a time by clicking Unselect All button. User can select more than one event at a time.

**Step7:** Now select the Type of Report wanted gridview type or Crystal report type. By Default gridview type is selected

**Step8:** Now click on the Get Data button to view the report according to the type of Report selected.

### Validations:

1. If vehicle is not selected from List box and user clicks on Get Data button then an error message indicating the same will be displayed.
2. If there no data for the vehicle is there then an error message indicating the same will be displayed.
3. If All option is selected from list box then user will not be allowed to select any other vehicle name in list box and if a vehicle is selected then again user select's All option then the selected vehicle will become unselected.
4. If no events are selected from the check boxes then also an error message will be displayed.



## USER Manual FOR VTS

### 4.2.1 Event Reports in gridview format:

<div>  <div> <a href="#">Update Profile</a> <a href="#">HOME</a> <a href="#">LOGOUT</a> </div> <div>             Friday, 14 October, 2011.12:52:27              WelCome <b>a2zgroup</b> </div> </div>																
<div> <a href="#">Tracking</a> <a href="#">Reports</a> <a href="#">Alerts/Rules</a> <a href="#">Administrator</a> <a href="#">SuperAdmin</a> </div>																
Reports of :GPS String																
Events	LATITUDE	LONGITUDE	COG	ALT	SPEED	DISTANCE	TOWERID	EVENTVALUE	EVENTVALUE1	LOCALDATE	LOCATION	CMDID	IMIENUMBER	VEHIREGNUM	SYSTEMDATE	LONGITUDEDIR
GPS String	28.708796	77.143051	289	204	1	1036.36	28	00.00	00.00	14-10-2011 12:00:31 AM	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura	00	359771033344329	UP-77-N-7431-v2.0	14-10-2011 12:00:30 AM	E
GPS String	28.70886	77.142944	289	196	0	1036.37	28	00.00	00.00	14-10-2011 12:01:00 AM	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura	00	359771033344329	UP-77-N-7431-v2.0	14-10-2011 12:00:59 AM	E
GPS String	28.708838	77.142975	289	199	0	1036.37	28	00.00	00.00	14-10-2011 12:01:30 AM	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura	00	359771033344329	UP-77-N-7431-v2.0	14-10-2011 12:01:29 AM	E
GPS String	28.708801	77.143005	284	195	0	1036.37	28	00.00	00.00	14-10-2011 12:02:00 AM	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura	00	359771033344329	UP-77-N-7431-v2.0	14-10-2011 12:01:59 AM	E
GPS String	28.70878	77.142982	261	193	0	1036.38	28	00.00	00.00	14-10-2011 12:02:30 AM	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura	00	359771033344329	UP-77-N-7431-v2.0	14-10-2011 12:02:29 AM	E
GPS String	28.708792	77.143021	261	198	0	1036.38	28	00.00	00.00	14-10-2011 12:02:59 AM	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura	00	359771033344329	UP-77-N-7431-v2.0	14-10-2011 12:02:58 AM	E
GPS String	28.70887	77.143013	261	202	1	1036.39	28	00.00	00.00	14-10-2011 12:03:29 AM	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura	00	359771033344329	UP-77-N-7431-v2.0	14-10-2011 12:03:28 AM	E

## USER Manual FOR VTS

GPS String	28.708841	77.142975	265	211	0	1036.4	28	00.00	00.00	14-10-2011 12:06:57 AM	7 Marg, Uttari Pitampura, Pitampura	00	359771033244329	UP-77-N-7431 ~v2.0	14-10-2011 12:06:57 AM	E	N
GPS String	26.4787583333333	80.33507	0	119	0.35188	2238423.5	0	131011	0	14-10-2011 12:08:04 AM	Nawabganj Rd, Permat, Kanpur, Uttar Pradesh, India	00	359231035566890	ITrack-2	14-10-2011 12:08:03 AM	E	N
GPS String	26.4787616666667	80.3350733333333	0	119	0.07408	2238423.5	0	131011	0	14-10-2011 12:10:04 AM	Nawabganj Rd, Permat, Kanpur, Uttar Pradesh, India	00	359231035566890	ITTrack-2	14-10-2011 12:10:03 AM	E	N
GPS String	26.4787616666667	80.3350733333333	0	119	0.03704	2238423.5	0	131011	0	14-10-2011 12:10:04 AM	Nawabganj Rd, Permat, Kanpur, Uttar Pradesh, India	00	359231035566890	ITTrack-2	14-10-2011 12:10:03 AM	E	N
GPS String	26.4787616666667	80.3350733333333	0	119	0.01852	2238423.5	0	131011	0	14-10-2011 12:10:04 AM	Nawabganj Rd, Permat, Kanpur, Uttar Pradesh, India	00	359231035566890	ITTrack-2	14-10-2011 12:10:03 AM	E	N
GPS String	26.4787616666667	80.335075	0	119	0.05556	2238423.5	0	131011	0	14-10-2011 12:10:05 AM	Nawabganj Rd, Permat, Kanpur, Uttar Pradesh, India	00	359231035566890	ITTrack-2	14-10-2011 12:10:04 AM	E	N
GPS String	26.4787616666667	80.335075	0	119	0.01852	2238423.5	0	131011	0	14-10-2011 12:10:05 AM	Nawabganj Rd, Permat, Kanpur, Uttar Pradesh, India	00	359231035566890	ITTrack-2	14-10-2011 12:10:04 AM	E	N
GPS String	26.47876	80.3350766666667	0	119	0.03704	2238423.5	0	131011	0	14-10-2011 12:10:05 AM	Nawabganj Rd, Permat, Kanpur, Uttar Pradesh, India	00	359231035566890	ITTrack-2	14-10-2011 12:10:04 AM	E	N

1 2 3 4 5 6 7 8 9 10 ...

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100%

In gridview user can see 100 data's at a time and paging is provided in gridview to the user for seeing records in another pages inside gridview.

## USER Manual FOR VTS

### 4.2.2 Event Reports in Crystal Report format:

12:56:24PM

Page Count : 226

**EVENT REPORT**

From Date : 2011-10-14 00:00 To Date : 2011-10-14 23:59 Event Reports : GPS String

Event Name	Latitude	Longitude	Speed	Distance	Event Value	Event Value1	ALT	COG	Tower ID	Date	Location
<b>DL-4C-U-3141</b>											
GPS String	28.71	77.15	0.00	42,224.67	00.00	00.00	201	171	8,040	14-10-2011 06:25:28AM	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura
GPS String	28.71	77.15	0.00	42,224.67	00.00	00.00	206	192	8,000	14-10-2011 06:26:08AM	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura
GPS String	28.71	77.15	0.00	42,224.67	00.00	00.00	203	255	8,000	14-10-2011 06:26:51AM	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura
GPS String	28.71	77.15	0.00	42,224.68	00.00	00.00	200	233	9,030	14-10-2011 06:29:01AM	Maharaja Agrasen Marg, Uttari Pitampura, Pitampura
GPS String	28.72	77.14	0.00	42,224.92	00.00	00.00	204	121	9,030	14-10-2011 06:29:55AM	Gela Ram Hospital, Uttari Pitampura, Pitampura, Ne
GPS String	28.72	77.14	0.00	42,224.92	00.00	00.00	203	124	14	14-10-2011 06:30:20AM	Gela Ram Hospital, Uttari Pitampura, Pitampura, Ne
GPS String	28.72	77.14	6.00	42,224.93	00.00	00.00	204	158	7,000	14-10-2011 06:30:48AM	Gela Ram Hospital, Uttari Pitampura, Pitampura, Ne
GPS String	28.71	77.14	25.00	42,225.07	00.00	00.00	207	220	16	14-10-2011 06:31:16AM	1st St, Uttari Pitampura, Pitampura, New Delhi, De
GPS String	28.71	77.14	28.00	42,225.26	00.00	00.00	197	223	10	14-10-2011 06:31:44AM	1st St, Uttari Pitampura, Pitampura, New Delhi, De
GPS String	28.71	77.14	23.00	42,225.43	00.00	00.00	199	315	18	14-10-2011 06:32:12AM	1st St, Uttari Pitampura, Pitampura, New Delhi, De
GPS String	28.71	77.14	7.00	42,225.57	00.00	00.00	195	166	21	14-10-2011 06:32:40AM	1st St, Uttari Pitampura, Pitampura, New Delhi, De
GPS String	28.72	77.14	51.00	42,226.04	00.00	00.00	206	10	15	14-10-2011 06:50:43AM	Outer Ring Rd, Pitampura, New Delhi, Delhi, India

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12:56:24PM

Page Count : 226

**EVENT REPORT**

From Date : 2011-10-14 00:00 To Date : 2011-10-14 23:59 Event Reports : GPS String

Event Name	Latitude	Longitude	Speed	Distance	Event Value	Event Value1	ALT	COG	Tower ID	Date	Loc
<b>DL-4C-U-3141</b>											
GPS String	28.71	77.15	0.00	42,224.67	00.00	00.00	201	171	8,040	14-10-2011 06:25:28AM	Maharaja Agrasen Mar
GPS String	28.71	77.15	0.00	42,224.67	00.00	00.00	206	192	8,000	14-10-2011 06:26:08AM	Maharaja Agrasen Mar
GPS String	28.71	77.15	0.00	42,224.67	00.00	00.00	203	255	8,000	14-10-2011 06:26:51AM	Maharaja Agrasen Mar
GPS String	28.71	77.15	0.00	42,224.68	00.00	00.00	200	233	9,030	14-10-2011 06:29:01AM	Maharaja Agrasen Mar
GPS String	28.72	77.14	0.00	42,224.92	00.00	00.00	204	121	9,030	14-10-2011 06:29:55AM	Gela Ram Hospital, Ut
GPS String	28.72	77.14	0.00	42,224.92	00.00	00.00	203	124	14	14-10-2011 06:30:20AM	Gela Ram Hospital, Ut
GPS String	28.72	77.14	6.00	42,224.93	00.00	00.00	204	158	7,000	14-10-2011 06:30:48AM	Gela Ram Hospital, Ut
GPS String	28.71	77.14	25.00	42,225.07	00.00	00.00	207	220	16	14-10-2011 06:31:16AM	1st St, Uttari Pitampu
GPS String	28.71	77.14	28.00	42,225.26	00.00	00.00	197	223	10	14-10-2011 06:31:44AM	1st St, Uttari Pitampu
GPS String	28.71	77.14	23.00	42,225.43	00.00	00.00	199	315	18	14-10-2011 06:32:12AM	1st St, Uttari Pitampu
GPS String	28.71	77.14	7.00	42,225.57	00.00	00.00	195	166	21	14-10-2011 06:32:40AM	1st St, Uttari Pitampu
GPS String	28.72	77.14	51.00	42,226.04	00.00	00.00	206	10	15	14-10-2011 06:50:43AM	Outer Ring Rd, Pitam

The Grouping is also done in crystal report, the grouping is done on Vehicle Name.

## USER Manual FOR VTS

### 5. FLEET DETAIL REPORT:

**GEOVAS**  
keeping you informed

Update Profile HOME LOGOUT  
Friday, 14 October, 2011, 1:19:24  
WelCome a2zgroup

Tracking Reports Alerts/Rules Administrator SuperAdmin

Sim Master Report Device Master Vehicle Master

Select Report Type ☒ GridView ☐ Crystal Report

Search By: SIMNUMBER Filter Your Search: 100 Your Search Record: 10000, 543210012345654321000, 8991103010000638299

Go

3 item(s) found.

SIMID	Sim Number	Mobile Number	Status	Operator	Created By	Created On
13	355801020273514	7827080395	Yes	AIRTEL	Prashant	20-07-2011 04:37:49 PM
19	355801020265114	7827086846	Yes	AIRTEL	Prashant	23-07-2011 05:47:28 PM
20	5555555555555555	9999999999	Yes	AIRTEL	Prashant	20-07-2011 11:39:13 AM
21	4	7827048325	Yes	AIRTEL	Prashant	23-07-2011 01:48:03 PM
10	355801020270593	7827090525	Yes	AIRTEL	Prashant	19-07-2011 02:30:16 PM
24	359231036825733	9695126163	Yes	AIRTEL	Prashant	28-07-2011 07:29:16 PM
30	9	777777	Yes	AIRTEL	Prashant	26-07-2011 12:52:21 PM
37	10000	8861628284	Yes	AIRTEL	Prashant	05-09-2011 03:36:47 PM
25	1	9005008384	Yes	AIRTEL	Prashant	23-07-2011 01:46:05 PM
27	5	7827071881	Yes	AIRTEL	Prashant	23-07-2011 01:48:22 PM

1 2 3 4

Show Details...

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100%

**Purpose:** In Fleet Detail Report the user can view reports of the Sim, Device and vehicle master details in gridview as well as in crystal report.

#### Steps:

**Step1:** Now hover over to Report Menu on the home page as shown in figure c.

**Step2:** Now select Fleet Detail Report sub menu.

**Step3:** Now select from the Tab Data you want to search Sim, Device or Vehicle.

**Step4:** Now select the Type of Report wanted gridview type or Crystal report type. By Default gridview type is selected.

**Step5:** Now select the parameter you want to search.

**Step6:** Now search the data in list box with help of typing the data user want to search inside the text box.

**Step7:** Now select the data from filtered data in the list box.

## USER Manual FOR VTS

**Step8:** Now click on the GO button. The detail of selected Report would be displayed depending upon the Type Of report selected.

### Validations:

1. If User without selecting the parameter to search data in dropdown list clicks on the 'Go' button, an error message will be displayed indicating the same.

### 5.1 Fleet Detail Report in Gridview:

**GEOVAS**  
keeping you informed

Update Profile HOME LOGOUT  
Friday, 14 October, 2011 2:06:37  
Welcome a2zgroup

Tracking Reports Alerts/Rules Administrator SuperAdmin

Sim Master Report Device Master Vehicle Master

Select Report Type ☒ GridView ☐ Crystal Report

Search By SIMNUMBER Filter Your Search

Your Search Record

100

Go

SIMID	Sim Number	Mobile Number	Status	Operator	Created By	Created On
22	54321001234554321000	9876543210	Yes	Reliance	a2zgroup	26-09-2011 05:25:46 PM
37	10000	8861628284	Yes	AIRTEL	Prashant	05-09-2011 03:36:47 PM
41	8991103010000638269	8880014698	Yes	RELIANCE	a2zgroup	16-09-2011 12:26:25 PM
46	10000	8861628284	Yes	AIRCEL	a2zgroup	03-10-2011 04:38:07 PM

Show Details...

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## USER Manual FOR VTS

### 5.2 Fleet Detail Report (Crystal Report):

1 of 1 100%

Main Report

14-10-2011

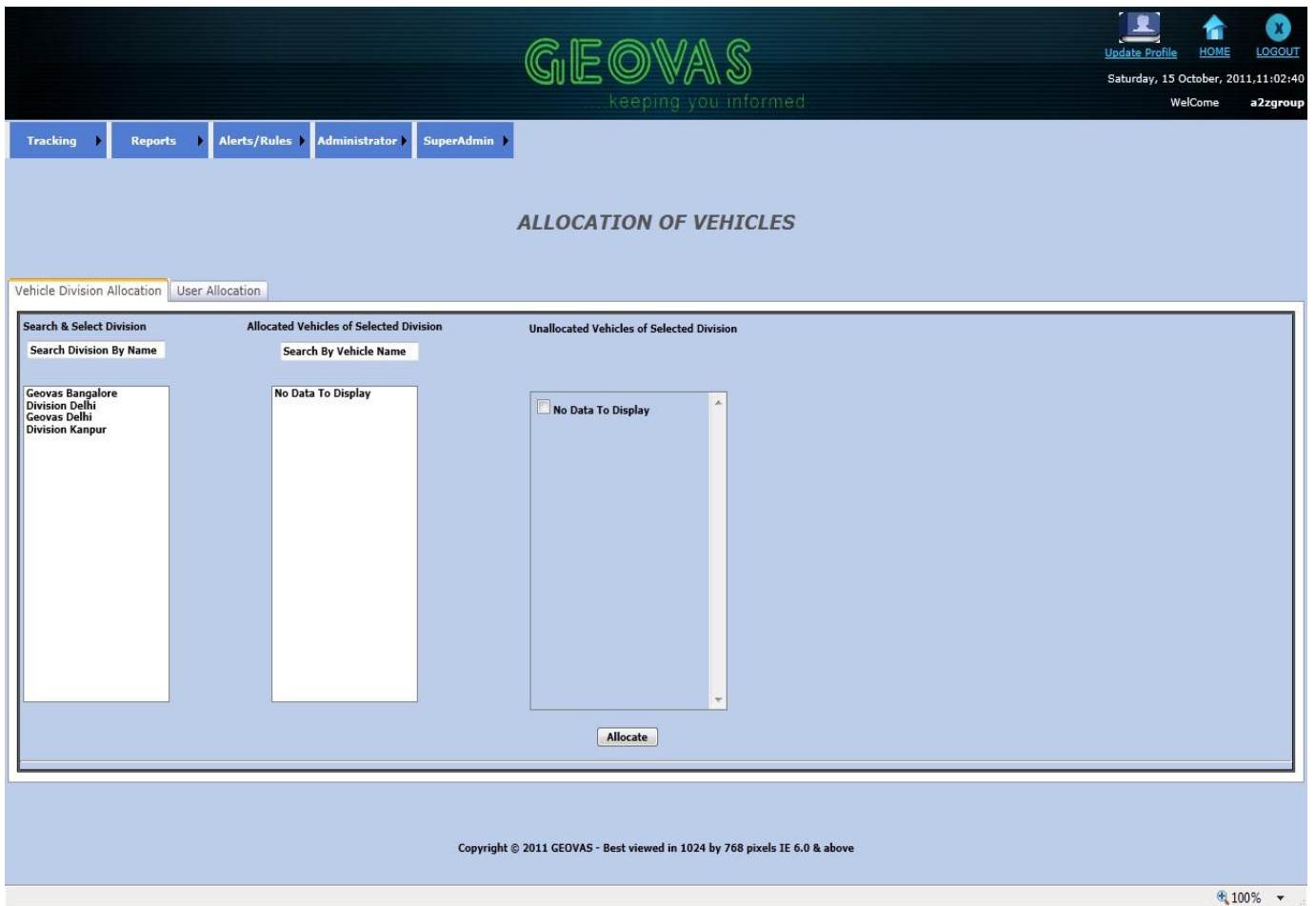
**SIM REPORT**

**GEOVAS**  
....keeping you informed

Sim ID	Sim Number	Mobile Number	Status	Operator	Created By	Created On
22	543210012345543210	0076543210	Yes	Reliance	a2zgroup	26-09-2011 05:25:46PM
37	10000	8861628284	Yes	AIRTEL	Prashant	05-09-2011 03:36:47PM
41	899110301000063826	8880014698	Yes	RELIANCE	a2zgroup	16-09-2011 12:26:25PM
46	10000	8861628284	Yes	AIRCEL	a2zgroup	03-10-2011 04:38:07PM

1

### 6. Allocation of Vehicles:



**Purpose:** In allocation of vehicles module the user can assign vehicles from one division to another division according to his requirements. The user can also assign the vehicles to the different users, so the users would only able to monitor the assigned vehicles, so the management of the vehicles will become easy.

#### Steps:

**Step1:** Now hover over to Administrator Menu on the home page.

**Step2:** Now select Vehicle Allocation sub menu.

### 6.1 Allocation of Vehicles to Divisions:

**Vehicle Division Allocation** | **User Allocation**

**Search & Select Division**

Search Division By Name

- GEOVAS Bangalore
- Division Delhi
- GEOVAS Delhi
- Division Kanpur

**Allocated Vehicles of Selected Division**

Search By Vehicle Name

- UP-77-N-7432-test
- Track-2
- 123459
- 123460

**Unallocated Vehicles of Selected Division**

- ☐ DL-4C-U-3141
- ☐ TEST-40
- ☐ manoj
- ☐ UP-78-BT-9993
- ☐ manojgggggggggggggggggg
- ☐ UP-77-N-7432
- ☐ UP-65-BT-0261
- ☐ UP-65-AT-9194
- ☐ UP-78-BT-5496
- ☐ Test-37
- ☐ Test-23
- ☐ manojgggggggggggggggggg

**Allocate**

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**Purpose:** The purpose of the allocation of vehicles to division is to assign the vehicles running in different regions in a country to their respective division so that the monitoring and management of the vehicle becomes easy.

#### Steps:

**Step1:** Now hover over to Administrator Menu on the home page.

**Step2:** Now select Vehicle Allocation sub menu.

**Step3:** Now select the vehicle division allocation Tab. (By default it will be selected).

**Step4:** Now the user can search from the List box of division name by typing name inside the text box or directly select division name from list box. Now the allocated and unallocated vehicles of the selected division will be filled in the adjacent list box and check box respectively.

**Step5:** Now select the unallocated vehicles in check boxes to allocate to selected division.

## USER Manual FOR VTS

**Step6:** Now click on the Allocate button.

### Validations:

1. If a user clicks the Allocate button without selecting a unallocated vehicle in check box List or without selecting division name from list box then an error message will be displayed indicating the same.
2. If allocation of vehicles will lead to an error, the same message will be displayed accordingly.

### 6.2 Allocate Vehicles to User:

The screenshot displays the 'ALLOCATION OF VEHICLES' interface within the GEOVAS system. The interface is divided into three main sections: 'Select User', 'Allocated Vehicles', and 'Select The Vehicles To Assign'. The 'Select User' section on the left features a search bar and a list of users, with 'Anesh' currently selected. The 'Allocated Vehicles' section in the middle shows two vehicles: 'Rameez-HAVTS-V2.0' and 'HR 26 BB 8694'. The 'Select The Vehicles To Assign' section on the right lists several vehicles, including 'DL-4C-U-3141', 'UP-78-BT-9993', 'UP-77-N-7432', 'UP-65-BT-0261', 'UP-65-AT-9194', 'UP-78-BT-5496', 'Test-37', 'Test-23', and 'UP-77-N-7431-v2.0'. At the bottom of the interface, there are two buttons: 'Deallocate Vehicles' and 'Assign'. The top navigation bar includes links for 'Tracking', 'Reports', 'Alerts/Rules', 'Administrator', and 'SuperAdmin'. The top right corner displays the GEOVAS logo, the tagline 'keeping you informed', and user options such as 'Update Profile', 'HOME', and 'LOGOUT'. The date and time 'Saturday, 15 October, 2011, 11:23:41' are also shown, along with the user's name 'WelCome' and the group 'a2zgroup'.

**Purpose:** The purpose of the allocation of vehicles to users is to assign the vehicles running in different regions in a country to their respective users so that the monitoring and management of the vehicle becomes easy.

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### Steps:

**Step1:** Now hover over to Administrator Menu on the home page.

**Step2:** Now select Vehicle Allocation sub menu.

**Step3:** Now select the User allocation Tab. (By default Vehicle Division allocation will be selected).

**Step4:** Now the user can search from the List box of user name by typing name inside the text box or directly select user name from list box. Now the allocated and unallocated vehicles of the selected user will be filled in the adjacent check box lists respectively.

**Step5:** Now if the administrator wants to unallocate an allocated vehicle for the selected user, the administrator has to select the allocated vehicles from the check box list.

**Step6:** Now click on the 'Deallocate Vehicles' button.

**Step7:** Now if the administrator wants to allocate a unallocated vehicle for the selected user, the administrator has to select the unallocated vehicles from the check box list.

**Step8:** Now click on the 'Assign' button.

### Validations:

1. If the user clicks on 'Deallocate Vehicles' button without selecting unallocated vehicle or without selecting the user an error message indicating the same will be displayed.
2. If the user clicks on 'Assign' button without selecting allocated vehicle or without selecting the user an error message indicating the same will be displayed.