



Shiksha Infotech Pvt. Ltd

Training Document

Trace School Bus (www.traceschoolbus.com)



Trace school bus

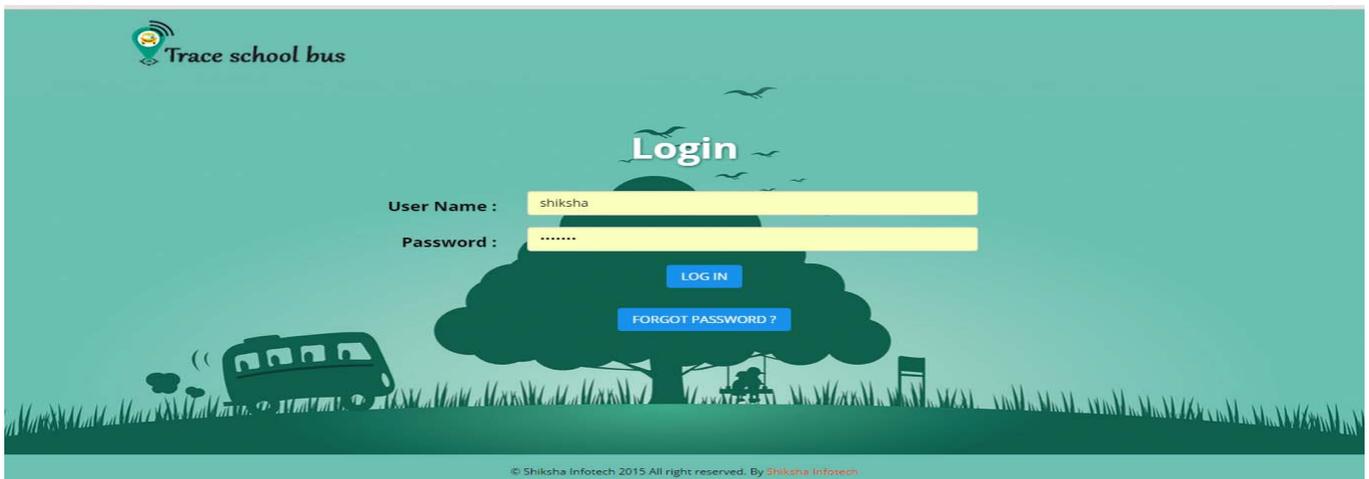
INTRODUCTION

This document will help you for first-time configuration and for adding, deleting and modifying the records for Route, Stoppages, Users, and Devices.

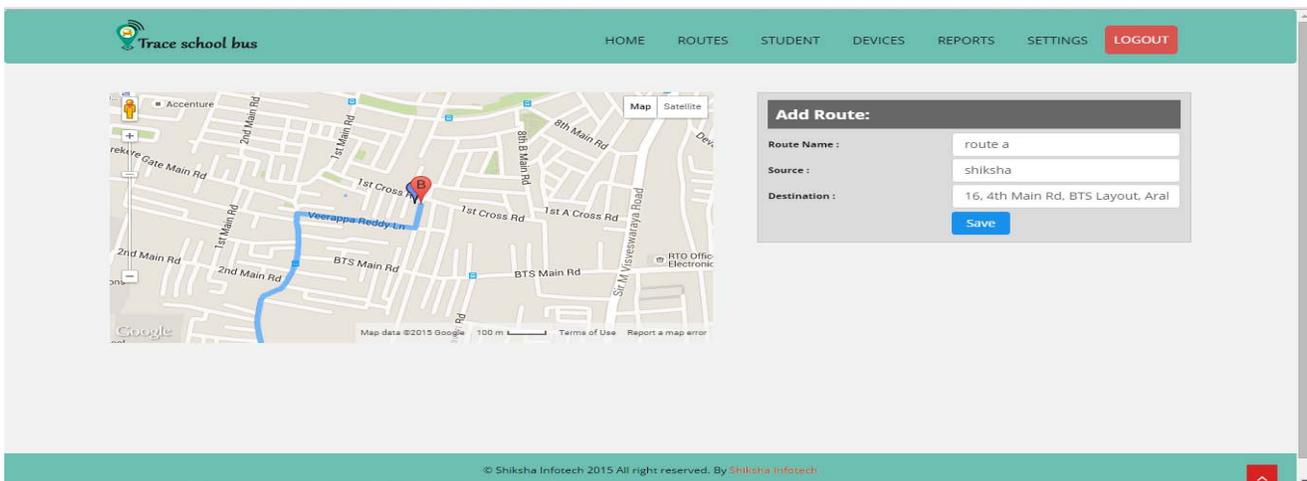
FIRST TIME SETUP

When we have newly created a school id, then we have to setup everything for the first time. So the steps are as follows:

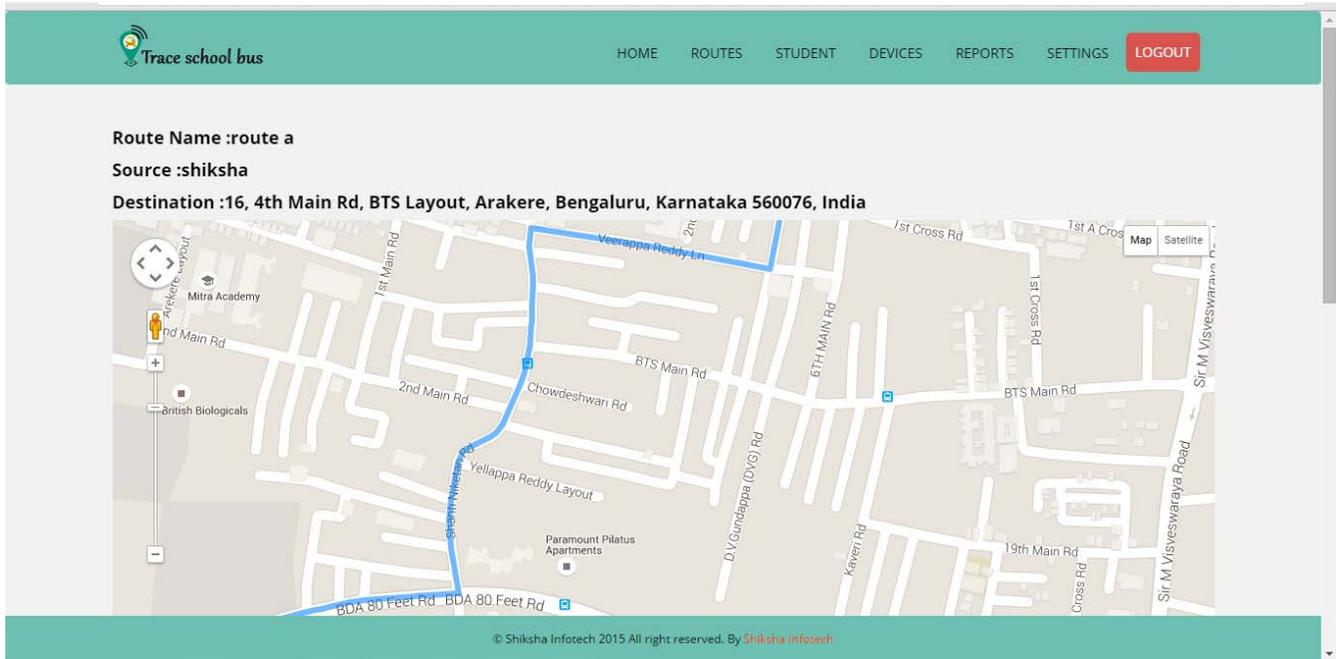
1. Login using your valid credentials through Login Page.



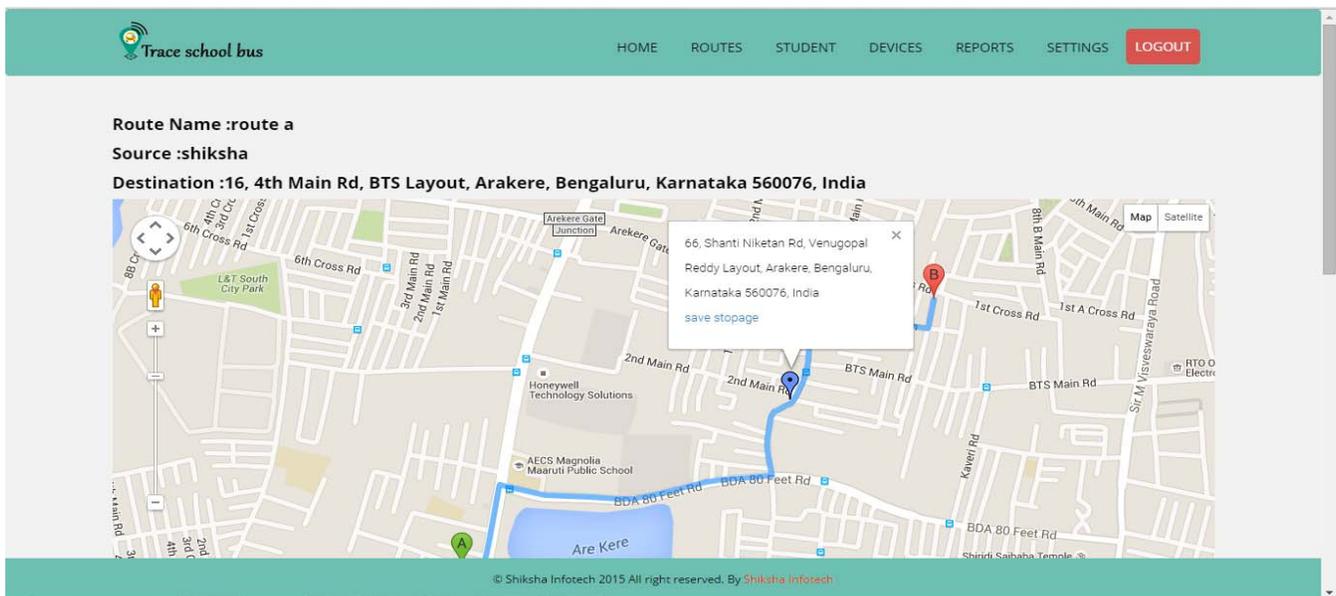
2. You will land on “Add new Route” page as there are no routes to be shown on home page.
3. Give Route Name and click on the Destination point on the Google Map given on left hand side.



- One popup will come, click on “save as Destination” and then save button. Your route will be saved and you will be redirected to “Add Stoppage to a route” page.



- Now one map is visible with our Source and Destination there. Just click on the map where you want to add stoppages and click on “Save Stoppages”.



TRAINING DOCUMENT

- One grid will be visible below map. Enter stoppage name, upward and downward time and click save button. (While giving upward and downward time, take care of time validation for next stoppages i.e. your upward time should be less from next stoppage and vice versa.)

Stoppage name:

Stoppage Address:
 66, Shanti Niketan Rd, Venugopal Reddy Layout, Arakere, Bengaluru, Karnataka 560076, India

Upward Time:(HH:MM:SS)

Downward Time:(HH:MM:SS)

Latitude:

Longitude:

[Save Stops](#)

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- Now go to Home Page and in the “Select Route” drop down, select the added route name. The corresponding map with stoppages you have created will be visible.

 Trace school bus

[HOME](#) [ROUTES](#) [STUDENT](#) [DEVICES](#) [REPORTS](#) [SETTINGS](#) [LOGOUT](#)

Select Route :

Source : shiksha

Destination : Infosys Drive, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India

Stop Address	Up	Down	Status
Source	0	0	Not Reached
stop 1	0	0	Not Reached
Destination	0	0	Not Reached

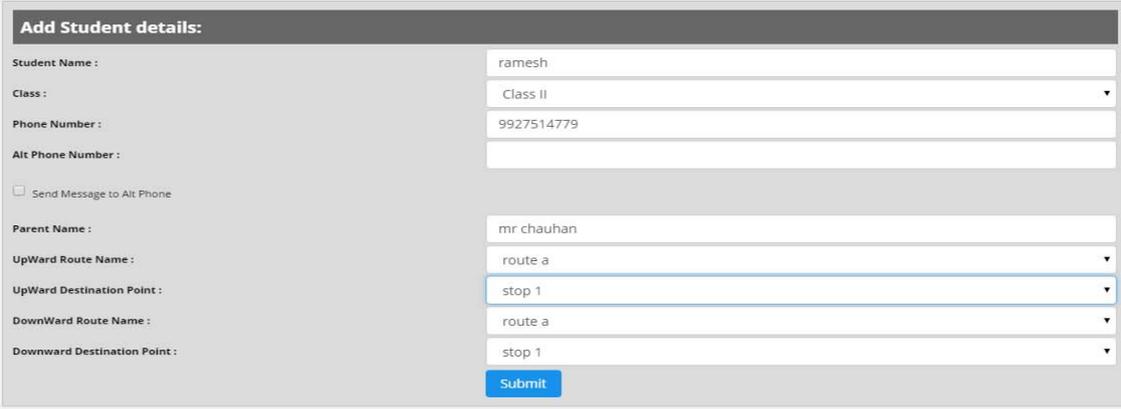


Map data ©2015 Google 100 m Terms of Use Report a map error

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ADDING STUDENTS

- Now go to STUDENT menu and click on “Add Student”. On add user page, give all the details of users. Enter user name, class, parent number, parent name, upward and downward route and stoppages. Upward and downward route can be different as per the need.



Add Student details:

Student Name : ramesh

Class : Class II

Phone Number : 9927514779

Alt Phone Number :

Send Message to Alt Phone

Parent Name : mr chauhan

Upward Route Name : route a

Upward Destination Point : stop 1

Downward Route Name : route a

Downward Destination Point : stop 1

Submit

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SHOW STUDENTS

- To view users, click on “Show Students”. The list of users will be displayed. You can sort them and search particular record.



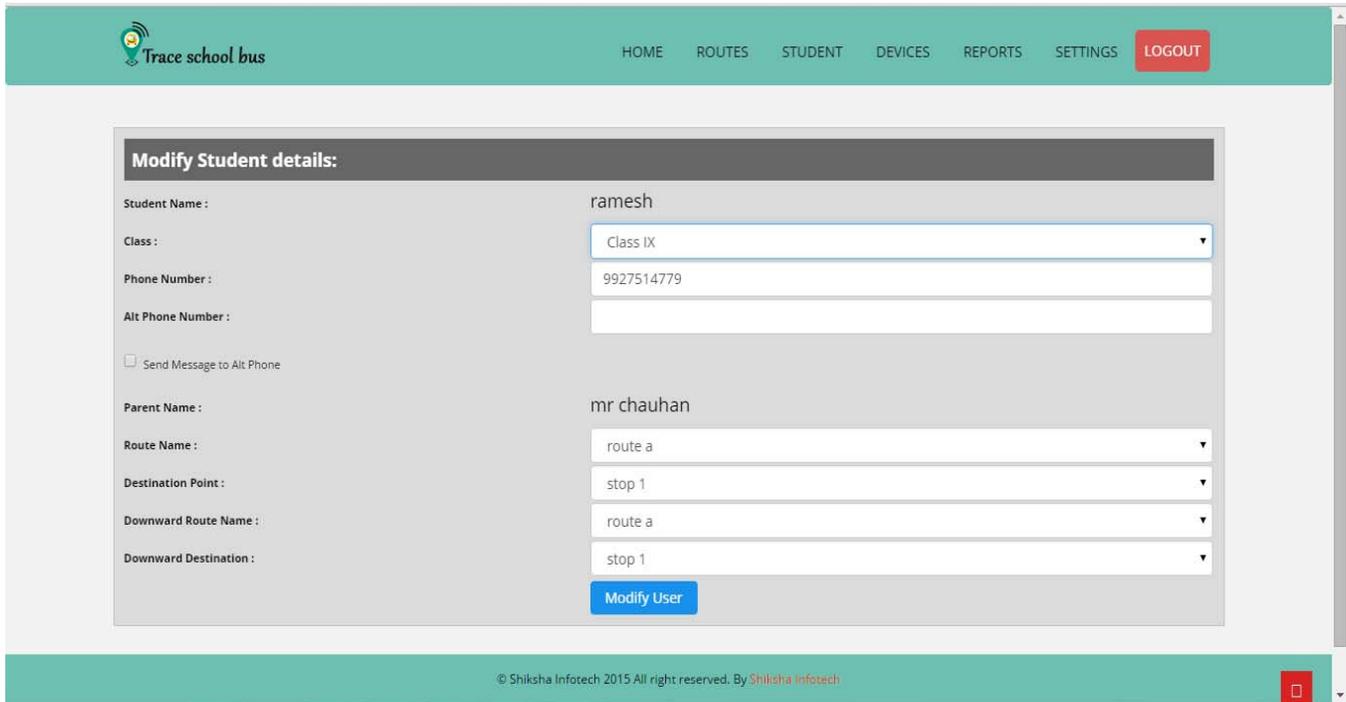
Show entries

Student Name	Class	Parent Name	Phone	Upward Route Name	Upward Destination	Downward Route Name	Downward Destination	Actions
ramesh	Class II	mr chauhan	+919927514779	route a	stop 1	route a	stop 1	<input type="button" value="Delete"/> <input type="button" value="Modify"/>

Showing 1-1 of 1 items

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10. Click on “Modify Students” to edit any record and modify records. Click on save and the changes will be reflected in show users list.



Modify Student details:

Student Name : ramesh

Class : Class IX

Phone Number : 9927514779

Alt Phone Number :

Send Message to Alt Phone

Parent Name : mr chauhan

Route Name : route a

Destination Point : stop 1

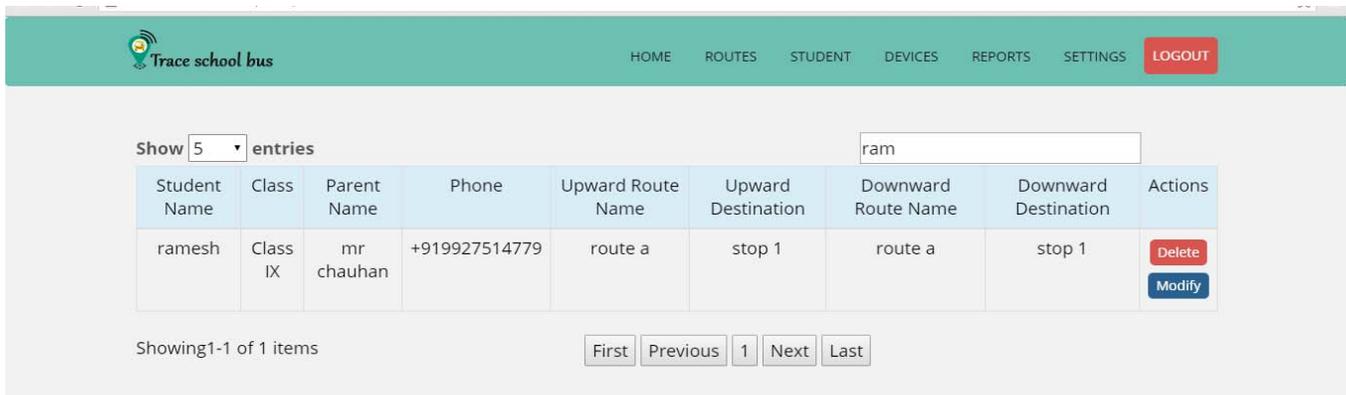
Downward Route Name : route a

Downward Destination : stop 1

[Modify User](#)

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11. Click on “Submit” button. The user details are saved and that particular user is added into count of up and down user on home page for that particular route.



Show entries

Student Name	Class	Parent Name	Phone	Upward Route Name	Upward Destination	Downward Route Name	Downward Destination	Actions
ramesh	Class IX	mr chauhan	+919927514779	route a	stop 1	route a	stop 1	Delete Modify

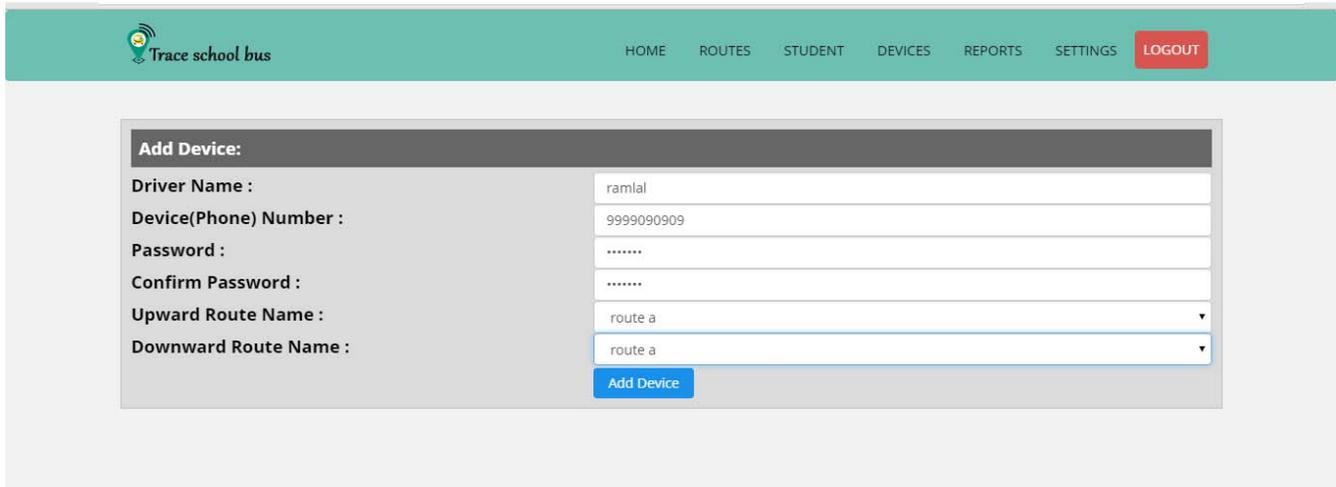
Showing 1-1 of 1 items

[First](#)
[Previous](#)
[1](#)
[Next](#)
[Last](#)

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ADD AND ALLOCATE DEVICE

12. Now click on “DEVICE” menu and select “Add and Allocate Device”. Give Device details – Driver name, device number, password and route name.



Add Device:

Driver Name : ramlal

Device(Phone) Number : 9999090909

Password :

Confirm Password :

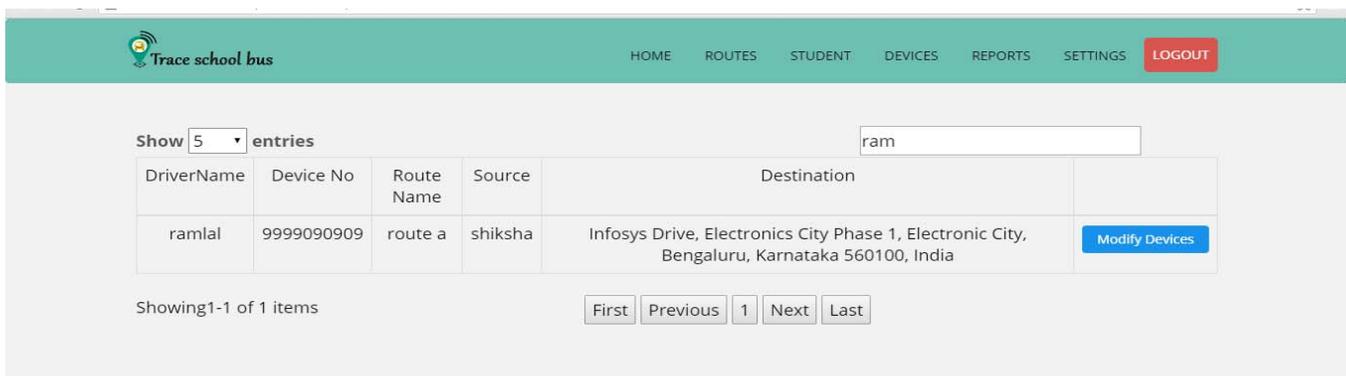
Upward Route Name : route a

Downward Route Name : route a

[Add Device](#)

SHOW DEVICES

13. Click on “Show device”, the list of devices will be displayed. Searching and sorting can be performed.



Show entries

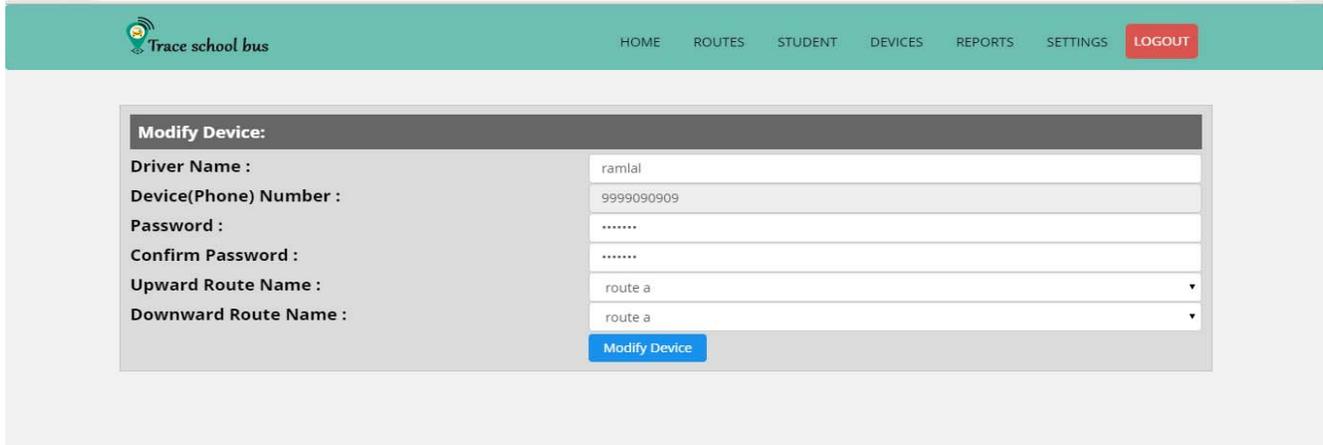
DriverName	Device No	Route Name	Source	Destination
ramlal	9999090909	route a	shiksha	Infosys Drive, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India

[Modify Devices](#)

Showing 1-1 of 1 items

[First](#) [Previous](#) [1](#) [Next](#) [Last](#)

14. If you wish to “Modify device”, click on “Modify device” button and the edit screen will be displayed. You can edit Driver name, change password. ***But if you wish to change device number, then you have to Release device and again add a new one for that route with different device number.***



Modify Device:

Driver Name : ramlal

Device(Phone) Number : 9999090909

Password :

Confirm Password :

Upward Route Name : route a

Downward Route Name : route a

[Modify Device](#)

RELEASE DEVICES

15. Click on “Release Device” if you wish to delete any device. In this case, that route will be again visible in allocate device dropdown list as well.



Release entries

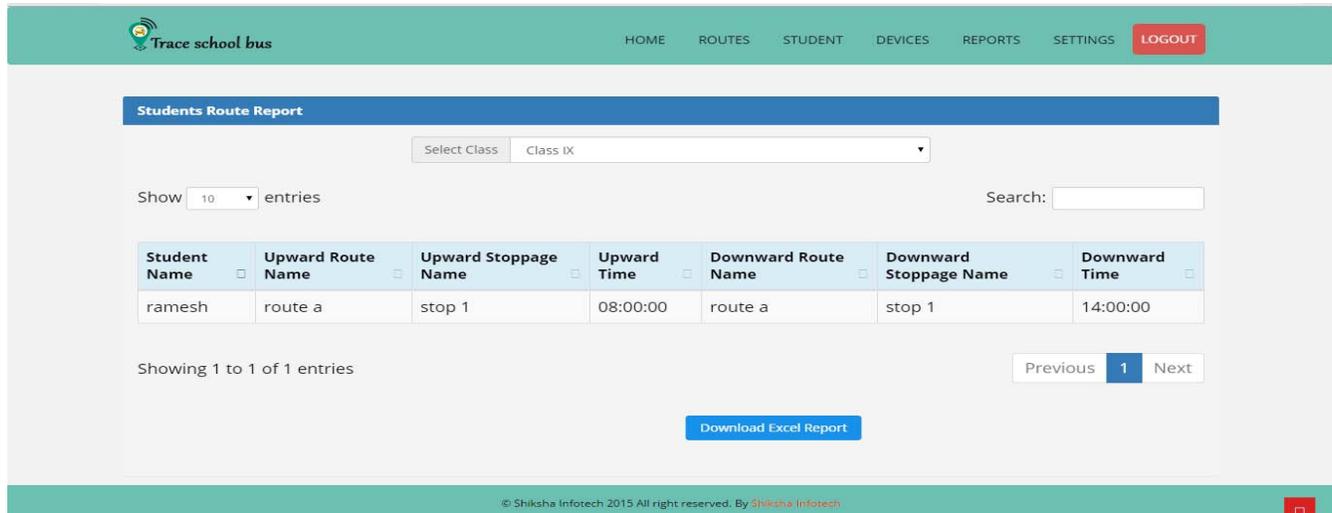
Driver Name	Device No	Route Name	Source	Destination	
ramlal	9999090909	route a	shiksha	Infosys Drive, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India	Release Devices

First Previous 1 Next Last

REPORTS

16. We have four different reports that can help filter the data according to our need – Student Route Report, Route Detail Report, Route Device Report and Pickup-drop Timing Report.

17. **Student Route Report** – Student information can be generated according to their respective classes. Search and sort functionality is there.

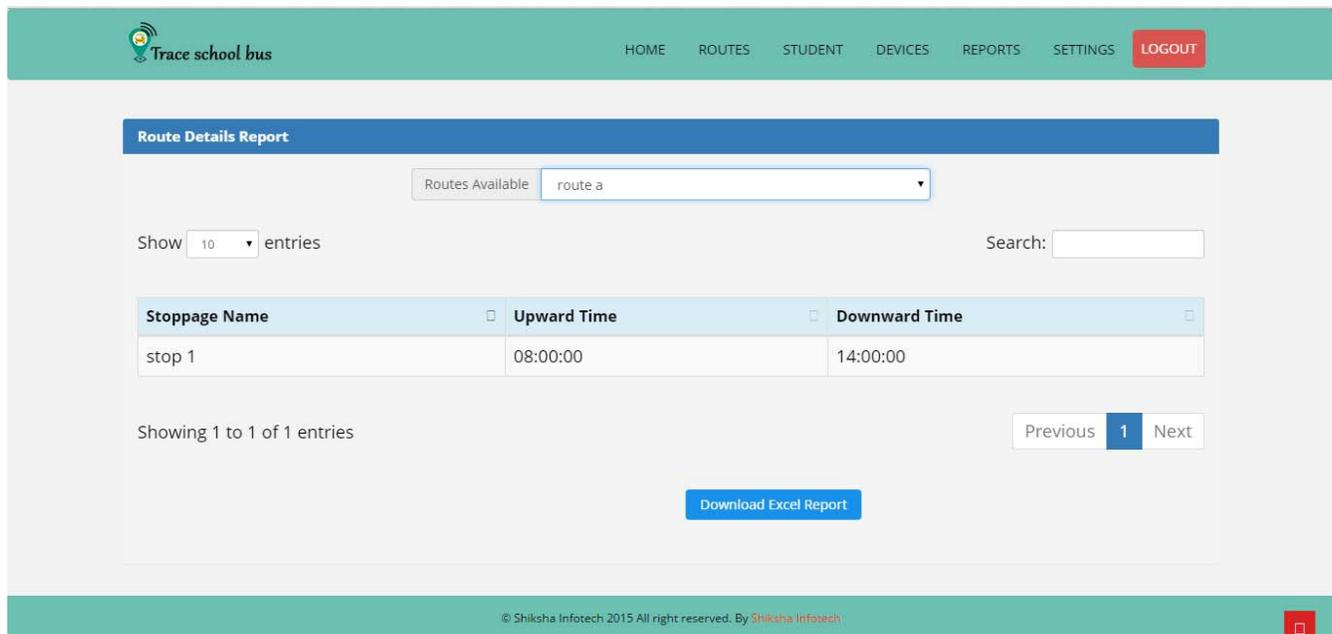


The screenshot shows the 'Students Route Report' page. At the top, there is a navigation bar with 'HOME', 'ROUTES', 'STUDENT', 'DEVICES', 'REPORTS', 'SETTINGS', and 'LOGOUT'. Below the navigation bar, the page title is 'Students Route Report'. There is a dropdown menu for 'Select Class' with 'Class IX' selected. Below that, there is a 'Show' dropdown set to '10' and a search box. The main content is a table with the following data:

Student Name	Upward Route Name	Upward Stoppage Name	Upward Time	Downward Route Name	Downward Stoppage Name	Downward Time
ramesh	route a	stop 1	08:00:00	route a	stop 1	14:00:00

Below the table, it says 'Showing 1 to 1 of 1 entries' and has 'Previous', '1', and 'Next' buttons. There is a 'Download Excel Report' button at the bottom. The footer contains the copyright notice: '© Shiksha Infotech 2015 All right reserved. By Shiksha Infotech'.

18. **Route Details Report** – we can see stoppage name, upward and downward time of every route configured. Search and sort functionality is there.

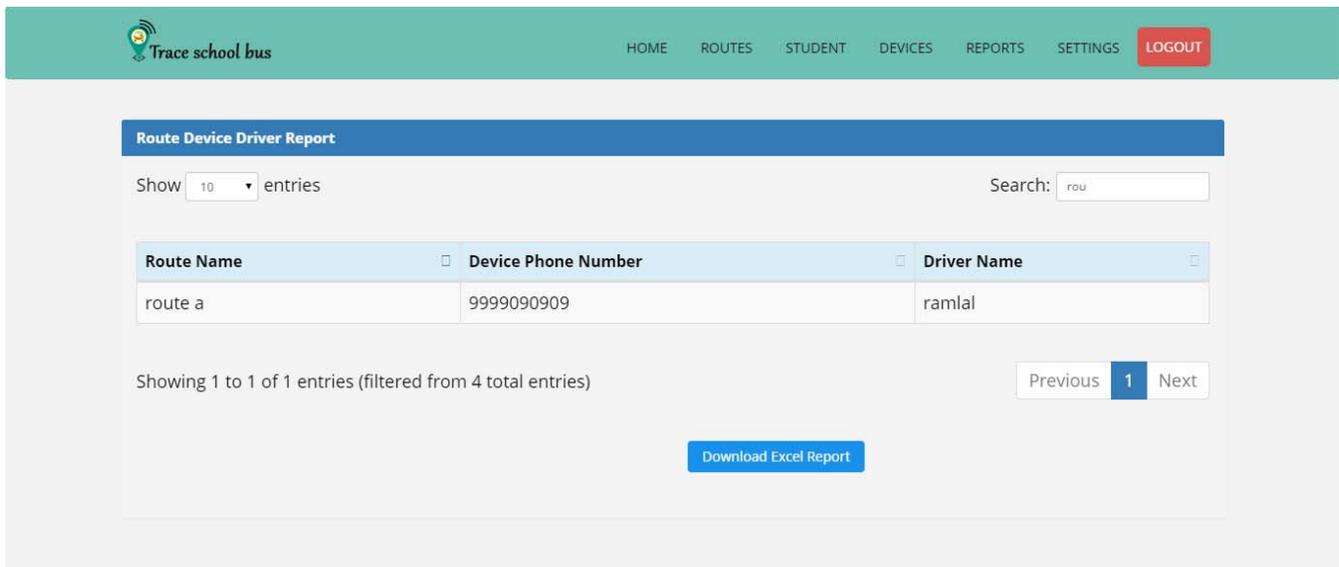


The screenshot shows the 'Route Details Report' page. At the top, there is a navigation bar with 'HOME', 'ROUTES', 'STUDENT', 'DEVICES', 'REPORTS', 'SETTINGS', and 'LOGOUT'. Below the navigation bar, the page title is 'Route Details Report'. There is a dropdown menu for 'Routes Available' with 'route a' selected. Below that, there is a 'Show' dropdown set to '10' and a search box. The main content is a table with the following data:

Stoppage Name	Upward Time	Downward Time
stop 1	08:00:00	14:00:00

Below the table, it says 'Showing 1 to 1 of 1 entries' and has 'Previous', '1', and 'Next' buttons. There is a 'Download Excel Report' button at the bottom. The footer contains the copyright notice: '© Shiksha Infotech 2015 All right reserved. By Shiksha Infotech'.

19. **Route Device Report** – details of devices assigned to every route can be generated. Search and sort functionality is there.

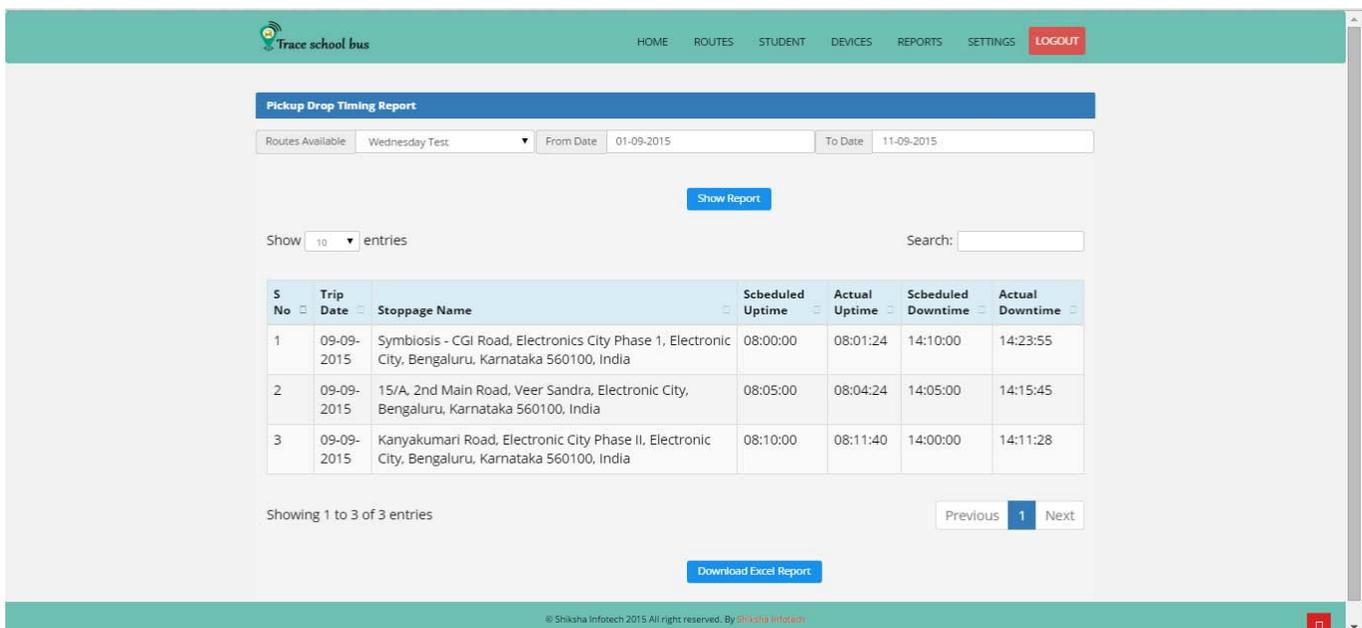


The screenshot shows the 'Route Device Driver Report' page. At the top, there is a navigation bar with 'HOME', 'ROUTES', 'STUDENT', 'DEVICES', 'REPORTS', 'SETTINGS', and 'LOGOUT'. Below the navigation bar, the page title is 'Route Device Driver Report'. There is a search bar with the text 'rou' and a dropdown menu for 'Show 10 entries'. The main content area contains a table with the following data:

Route Name	Device Phone Number	Driver Name
route a	9999090909	ramlal

Below the table, it says 'Showing 1 to 1 of 1 entries (filtered from 4 total entries)'. There are 'Previous', '1', and 'Next' navigation buttons. A 'Download Excel Report' button is located at the bottom of the table area.

20. **Pickup-Drop Timing Report** – we can see the pick and drop time of each route date wise. Search and sort functionality is there.



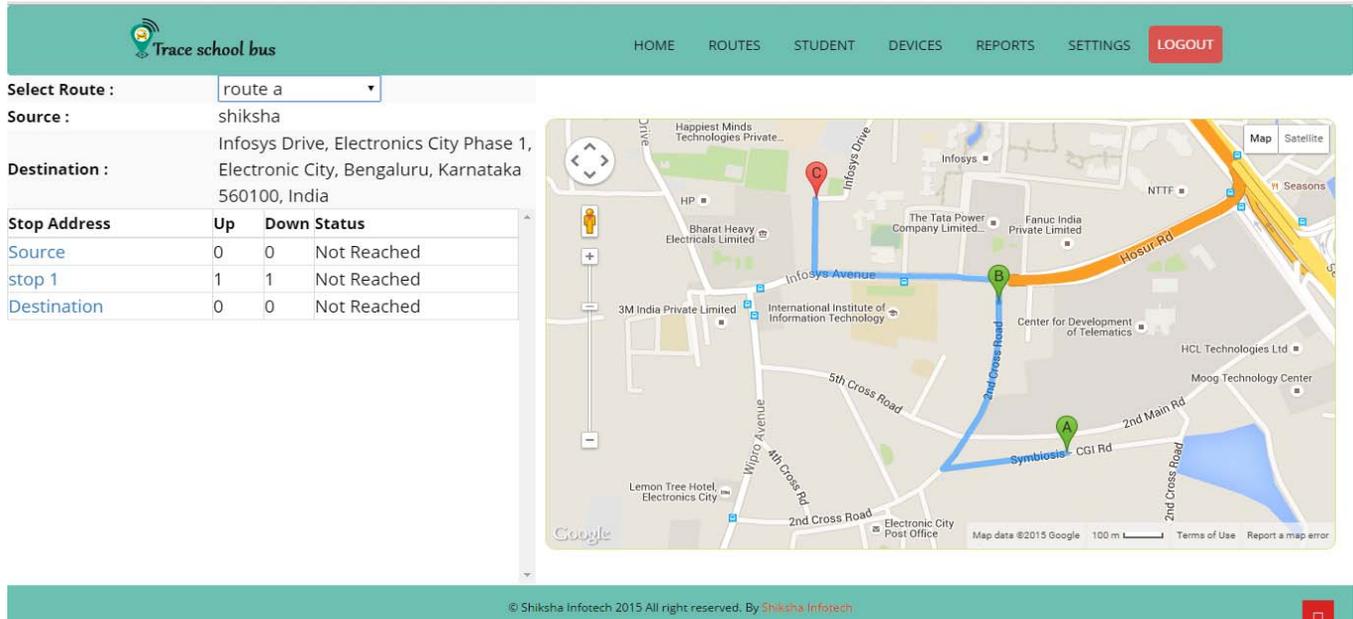
The screenshot shows the 'Pickup Drop Timing Report' page. At the top, there is a navigation bar with 'HOME', 'ROUTES', 'STUDENT', 'DEVICES', 'REPORTS', 'SETTINGS', and 'LOGOUT'. Below the navigation bar, the page title is 'Pickup Drop Timing Report'. There is a search bar and a dropdown menu for 'Routes Available' with the text 'Wednesday Test'. There are also 'From Date' (01-09-2015) and 'To Date' (11-09-2015) input fields. A 'Show Report' button is located below the date fields. Below the search and date fields, there is a dropdown menu for 'Show 10 entries'. The main content area contains a table with the following data:

S No	Trip Date	Stoppage Name	Scheduled Uptime	Actual Uptime	Scheduled Downtime	Actual Downtime
1	09-09-2015	Symbiosis - CGI Road, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India	08:00:00	08:01:24	14:10:00	14:23:55
2	09-09-2015	15/A, 2nd Main Road, Veer Sandra, Electronic City, Bengaluru, Karnataka 560100, India	08:05:00	08:04:24	14:05:00	14:15:45
3	09-09-2015	Kanyakumari Road, Electronic City Phase II, Electronic City, Bengaluru, Karnataka 560100, India	08:10:00	08:11:40	14:00:00	14:11:28

Below the table, it says 'Showing 1 to 3 of 3 entries'. There are 'Previous', '1', and 'Next' navigation buttons. A 'Download Excel Report' button is located at the bottom of the table area.

GENERAL USE

1. Login using your valid credentials through Login Page.
2. HOME page will be your landing page. You can select the desired route.



The screenshot shows the 'Trace school bus' web application interface. The top navigation bar includes 'HOME', 'ROUTES', 'STUDENT', 'DEVICES', 'REPORTS', 'SETTINGS', and a 'LOGOUT' button. The main content area is divided into two sections:

Route Configuration:

- Select Route :** dropdown menu showing 'route a'.
- Source :** shiksha
- Destination :** Infosys Drive, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India

Stop Address Table:

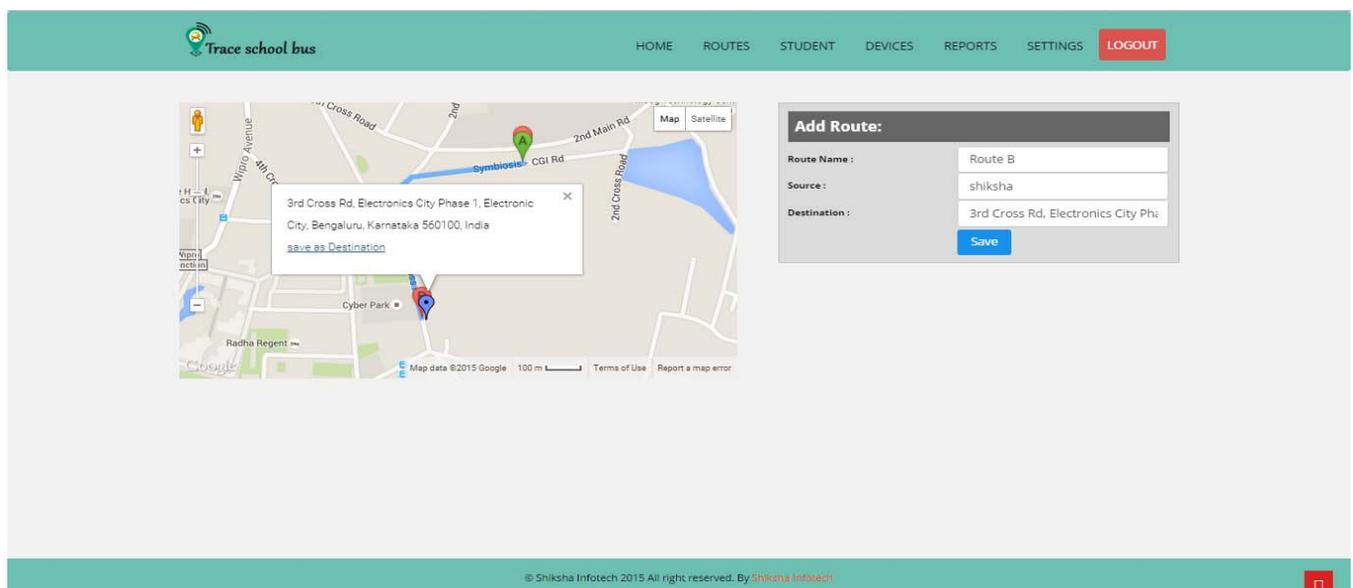
Stop Address	Up	Down	Status
Source	0	0	Not Reached
stop 1	1	1	Not Reached
Destination	0	0	Not Reached

Map: A Google Map showing the route 'route a' in blue. The route starts at the Source (marked 'C'), goes to stop 1 (marked 'B'), and ends at the Destination (marked 'A'). The map includes labels for various roads like Infosys Avenue, Hosur Rd, and 2nd Cross Road, and nearby landmarks like Infosys and International Institute of Information Technology.

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TO ADD MORE ROUTES

3. Go to menu bar and click Routes. Select “Add a New Route” and follow steps 3, 4 and 5 to add route and stoppages.



The screenshot shows the 'Trace school bus' web application interface with the 'Add Route' form open. The top navigation bar is the same as in the previous screenshot.

Add Route Form:

- Route Name :** Route B
- Source :** shiksha
- Destination :** 3rd Cross Rd, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India

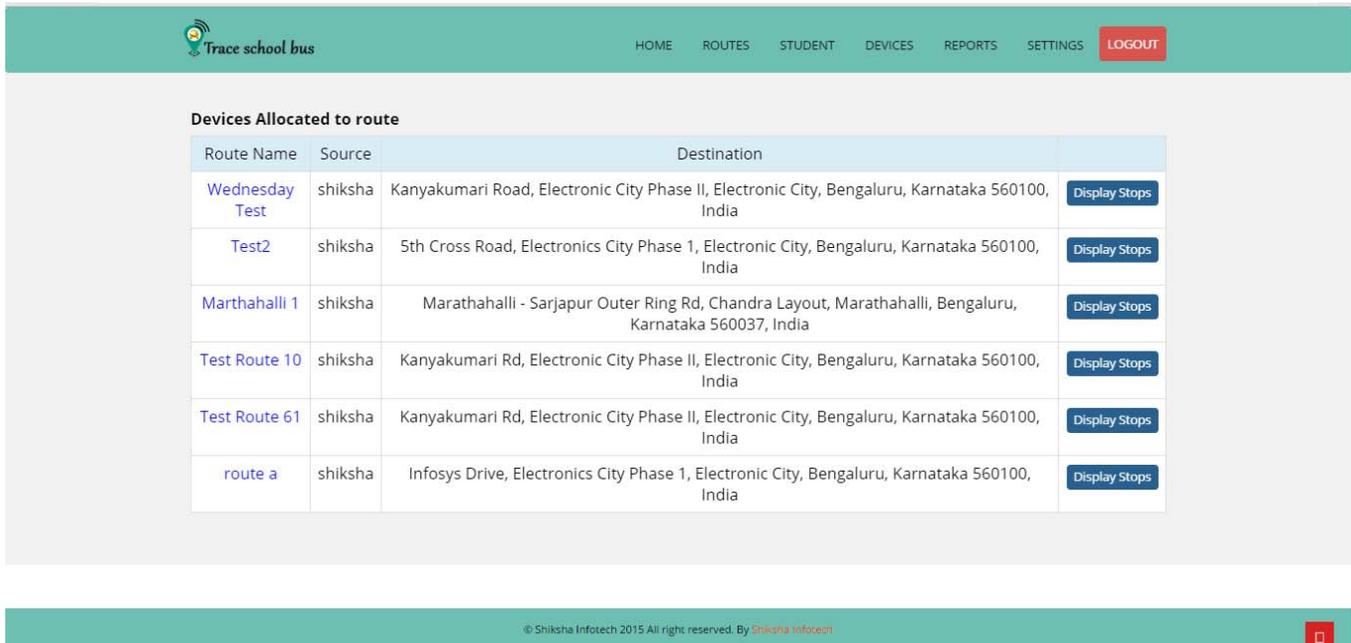
A 'Save' button is visible at the bottom of the form.

Map: A Google Map showing the location of the destination. A pop-up window displays the address: '3rd Cross Rd, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India' with a 'save as Destination' link.

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TO DISPLAY STOPPAGES AND ADD MORE ROUTES

- Go to routes and select “Display Stoppages”. List of all available routes will be displayed. Click on display stoppages.

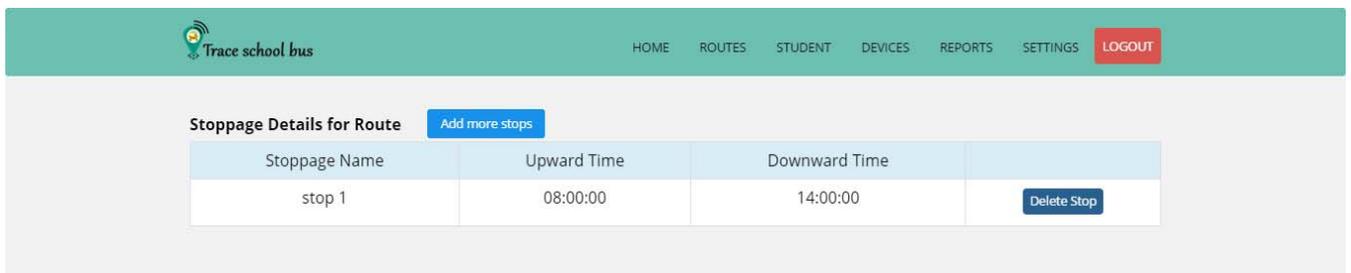


The screenshot shows the 'Routes' page of the Trace school bus application. The header includes the logo and navigation links: HOME, ROUTES, STUDENT, DEVICES, REPORTS, SETTINGS, and LOGOUT. The main content area is titled 'Devices Allocated to route' and contains a table with the following data:

Route Name	Source	Destination	
Wednesday Test	shiksha	Kanyakumari Road, Electronic City Phase II, Electronic City, Bengaluru, Karnataka 560100, India	Display Stops
Test2	shiksha	5th Cross Road, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India	Display Stops
Marthahalli 1	shiksha	Marathahalli - Sarjapur Outer Ring Rd, Chandra Layout, Marathahalli, Bengaluru, Karnataka 560037, India	Display Stops
Test Route 10	shiksha	Kanyakumari Rd, Electronic City Phase II, Electronic City, Bengaluru, Karnataka 560100, India	Display Stops
Test Route 61	shiksha	Kanyakumari Rd, Electronic City Phase II, Electronic City, Bengaluru, Karnataka 560100, India	Display Stops
route a	shiksha	Infosys Drive, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India	Display Stops

At the bottom of the page, there is a footer: © Shiksha Infotech 2015 All right reserved. By Shiksha Infotech.

- Click on a route and view stoppages of that route. Click on add more stoppage buttons and follow steps 4, 5 and 6 to add new stoppages.



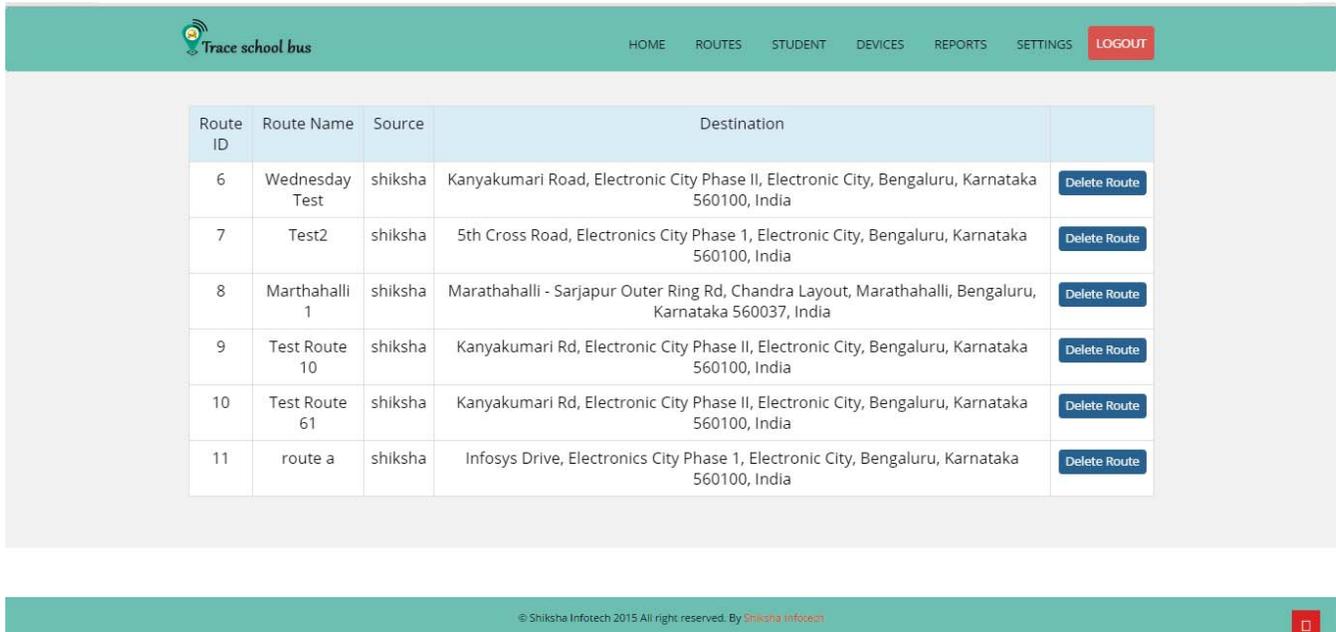
The screenshot shows the 'Stoppage Details for Route' page. The header is the same as the previous screenshot. Below the header, there is a blue button labeled 'Add more stops'. The main content area contains a table with the following data:

Stoppage Name	Upward Time	Downward Time	
stop 1	08:00:00	14:00:00	Delete Stop

At the bottom of the page, there is a footer: © Shiksha Infotech 2015 All right reserved. By Shiksha Infotech.

DELETE ROUTE

- To delete any route, click on Routes and select “Delete Route”. List of all existing routes will be there. Click on delete route button for the route you wish to delete.

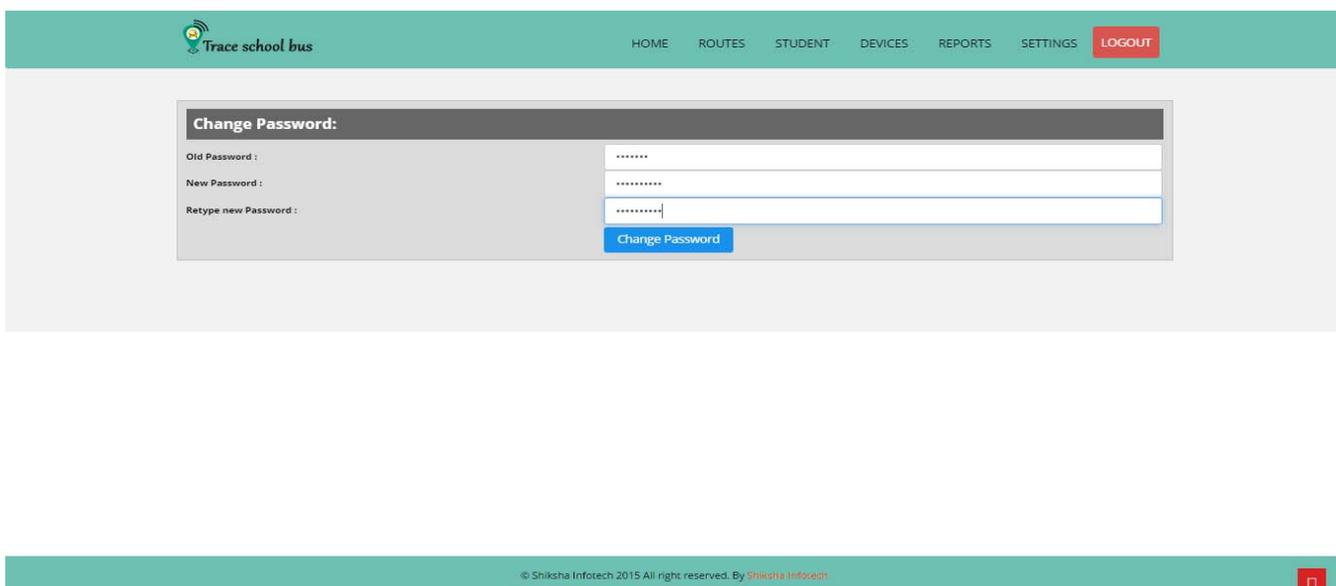


Route ID	Route Name	Source	Destination	
6	Wednesday Test	shiksha	Kanyakumari Road, Electronic City Phase II, Electronic City, Bengaluru, Karnataka 560100, India	Delete Route
7	Test2	shiksha	5th Cross Road, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India	Delete Route
8	Marathahalli 1	shiksha	Marathahalli - Sarjapur Outer Ring Rd, Chandra Layout, Marathahalli, Bengaluru, Karnataka 560037, India	Delete Route
9	Test Route 10	shiksha	Kanyakumari Rd, Electronic City Phase II, Electronic City, Bengaluru, Karnataka 560100, India	Delete Route
10	Test Route 61	shiksha	Kanyakumari Rd, Electronic City Phase II, Electronic City, Bengaluru, Karnataka 560100, India	Delete Route
11	route a	shiksha	Infosys Drive, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India	Delete Route

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SETTINGS

- To change your password, click on settings button and give old, new and confirm new password. Click “Change Password”.



Change Password:

Old Password :

New Password :

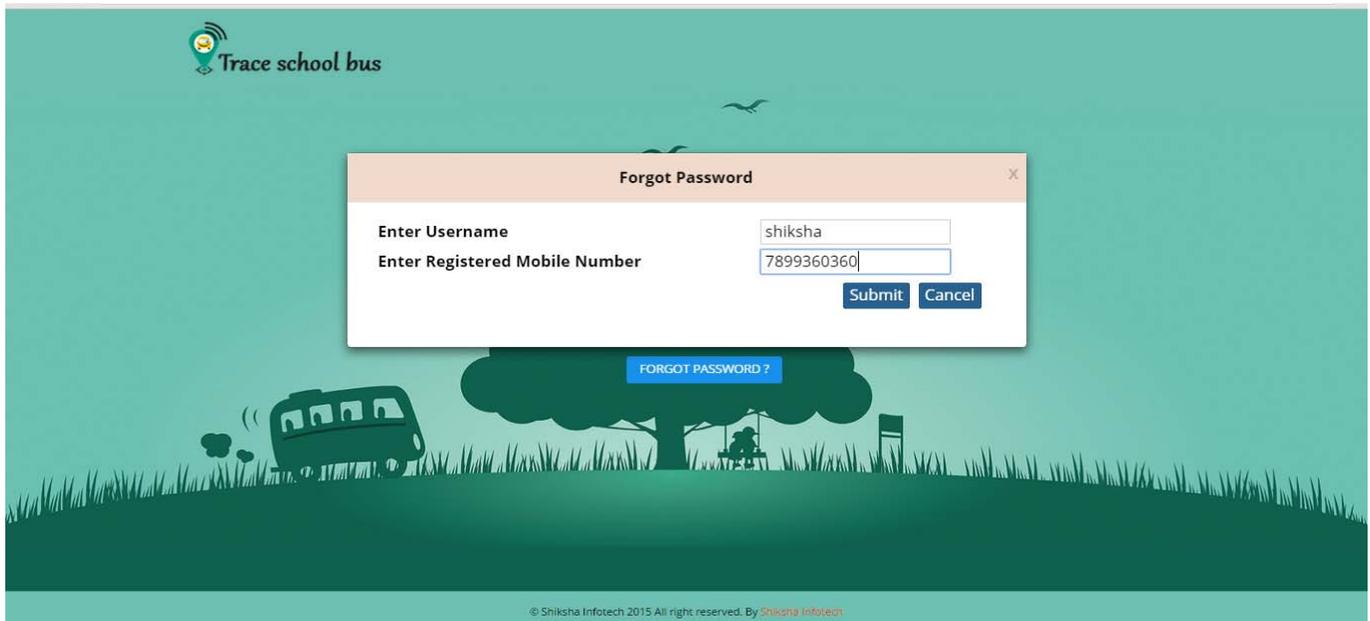
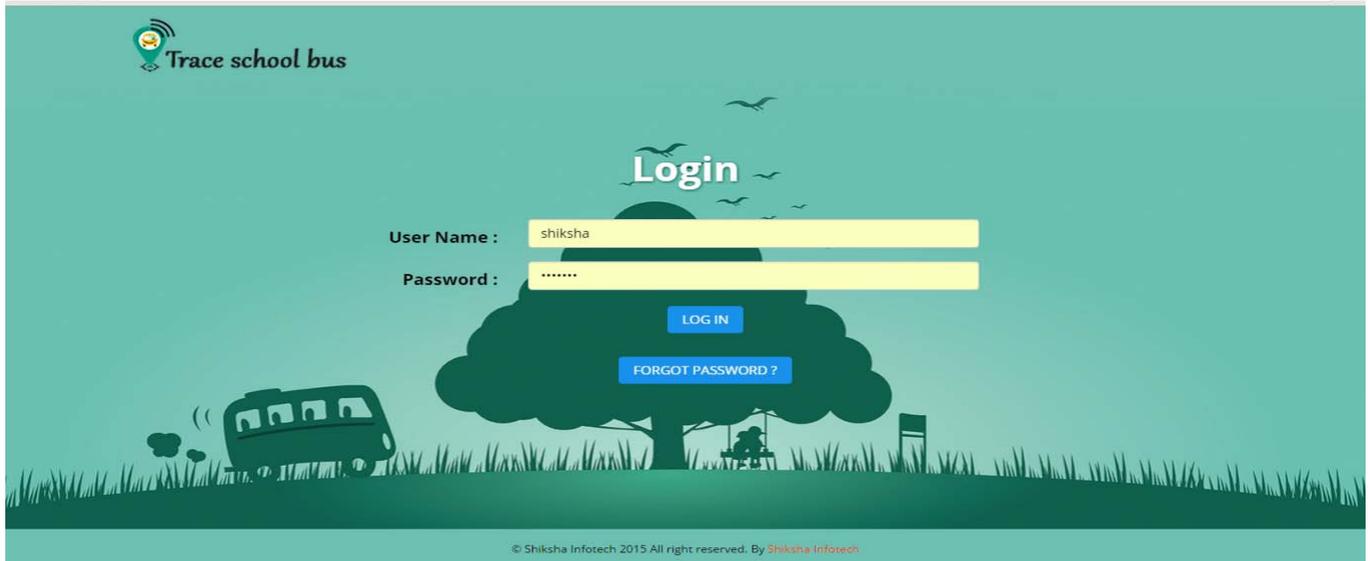
Retype new Password :

[Change Password](#)

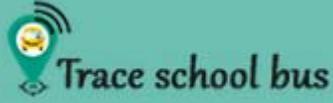
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FORGOT PASSWORD ON LOGIN PAGE

8. In case you forgot your password, click on “Forgot Password” button to get your password via SMS on your registered mobile number.



9. Once you click on submit, your password will be sent to your registered mobile number.



CONCLUSION

These steps by step description will help you to setup and use our application in a better and easy way. Reports can be generated as per the requirement and can be downloaded as well. Using this application, we can increase security and safety, cut operational cost, improves time management. Customer service and satisfaction is one of the main promotional factors as parents will receive SMS once bus will start from school, about to reach stoppage and pick and drop messages. So this will keep parents updated and tension free.