Roads and Highways Department

Traffic Survey

App

User Manual

Developed by:

CEGIS

Google Play

Games   Apps   Kids

RHD BD Traffic App
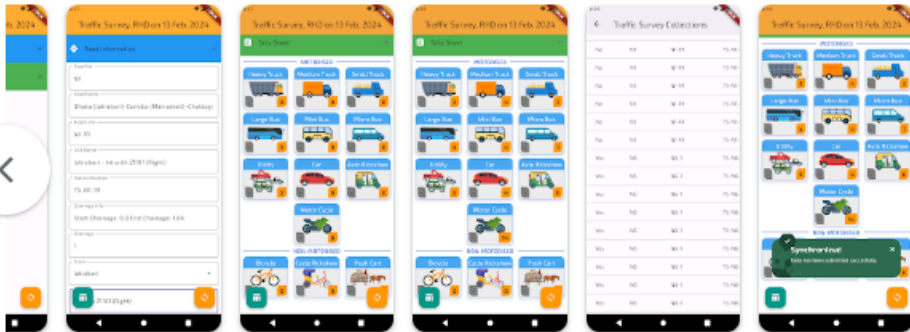
RHD APPS

10+
Downloads

3+
Rated for 3+

Install on more devices

This app is available for your device

What's new

Fixing minor bugs.

Data safety →

A PP

installation

Google Play Store Link

https://play.google.com/store/apps/
details?id=com.trafficsurvey.rhd005

Step 1: Login

Traffic Survey, RHD

User ID

Password

Login

- **Authentication Requirement:**
  1. Users must log in to the app using proper authentication;
  2. A valid User ID and Password are necessary for login;
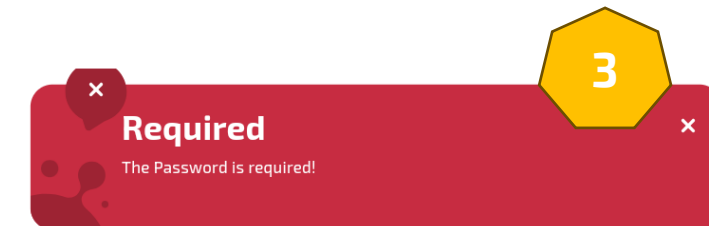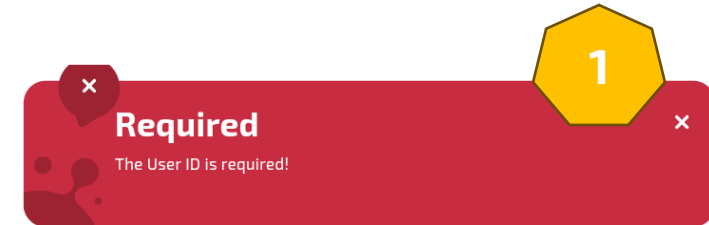
- **Login Process:**
  1. Users input their User ID and Password;
  2. Upon successful login, users are redirected to the app's home page;

- **Unsuccessful Login Handling:**
  1. If login credentials are incorrect or incomplete, users receive a notification;
  2. The notification informs users of the unsuccessful login attempt;
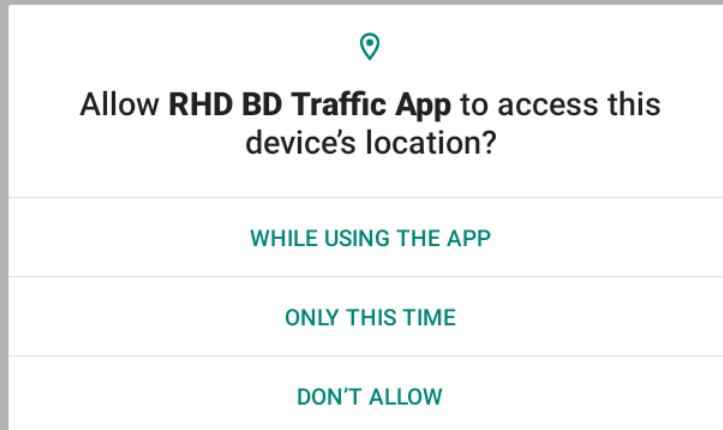
- **Notification Messages:**
  1. If the User ID field is left blank; **1**
  2. If the Password field is left blank; **2**
 3. If the entered User ID or Password is incorrect; **3**

1

Required
The User ID is required!

2

Required
The Password is required!

3

Required
The Password is required!

Successful login grants access to the app's features and functionalities.

Step 1: Road Information ⌄

Step 2: Tally Sheet ⌄

Step 2: Allow to Access Location

When you run app that uses location information for the first time, tap '**WHILE USING THIS APP**' on the pop-up asking you to give access to location information. It will never ask you to allow again.

📍

Allow **RHD BD Traffic App** to access this device's location?

WHILE USING THE APP

ONLY THIS TIME

DON'T ALLOW

If you select '**ONLY THIS TIME**', you need to allow access device's location from your phone settings later. Generally your phone
Settings > Apps/ All Apps > Find **RHD BD Traffic App** > Permissions > Select Location from **NOT ALLOWED** > Select '**Allow only while using the app**'.
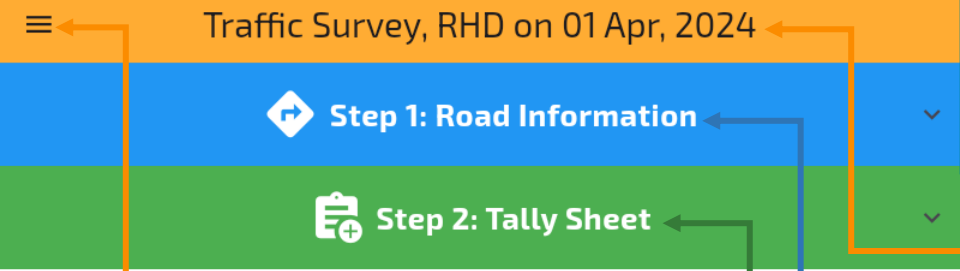
Traffic Survey, RHD on 01 Apr, 2024

Step 1: Road Information

Step 2: Tally Sheet

Step 3: Introducing App Home

App title bar with current date

App navigation menu

Road information panel

Tally sheet panel

Manually data sent to server button

Step 3: Introducing Navigation Menu

D on 01 Apr, 2024

ad Information

Tally Sheet

View Survey Collection → RHD icon to top position of menu

Activity Records → To view traffic survey collected data

Clear Cache → To view app activity/ operational log records

Help → To clear already submitted traffic survey data

Dashboard (Web) → Help menu

Logout → Navigate to report dashboard web application

To logout from app

Traffic Survey, RHD on 01 Apr, 2024

Step 1: Road Information

GPS Position (Latitude)
23.7771478

GPS Position (Longitude)
90.3682793

- Auto picked GPS position when location is enabled;
- Latitude and Longitude is non-changeable by user;

Road No.
N1

Auto-suggestion Feature:
- Suggestions for "Road No" are provided.
- Suggestions for "Road Link" are filtered based on the selected road number.

Road Name
Dhaka (Jatrabari)-Cumilla (Mainamati)-Chattogram-Teknaf Road

Road Link
N1-1R

Road No.
N1

N1
Dhaka (Jatrabari)-Cumilla (Mainamati)-Chattogram-Teknaf Road

N101
Cumilla - Bibirbazar Land Port Connecting Road

N102
Cumilla (Mainamati)-Brahmanbaria (Sarail) Road

N103
Brahmanbaria Town Portion (Kuatali-Ghaturia)

Road No.
N1

N1
Dhaka (Jatrabari)-Cumilla (Mainamati)-Chattogram-Teknaf Road

N101
Cumilla - Bibirbazar Land Port Connecting Road

N102
Cumilla (Mainamati)-Brahmanbaria (Sarail) Road

N103
Brahmanbaria Town Portion (Kuatali-Ghaturia)

Link Name
Jatrabari - Int.with Z1101 (Right)
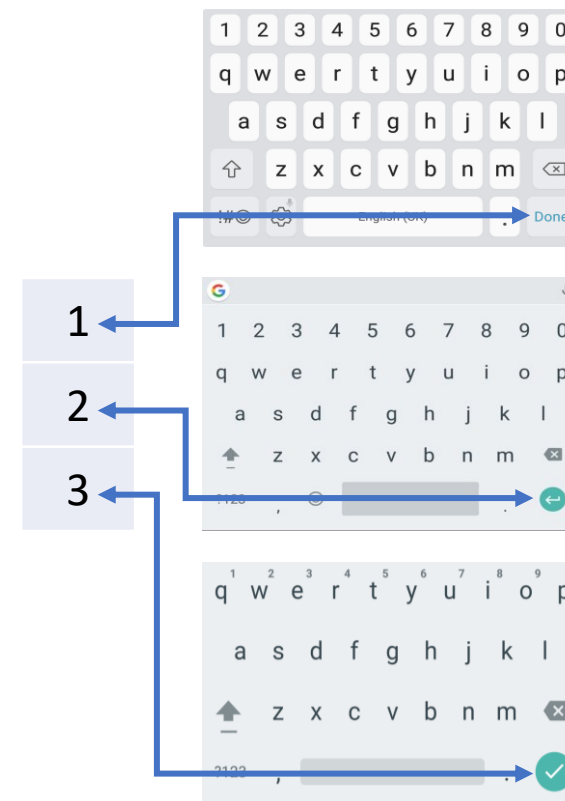
Station Number
TS-N1-1R

Chainage Info
Start Chainage: 0.0 End Chainage: 1.84

Chainage
1

From Direction
Int.with Z1101 (Right)

To Direction
Jatrabari

When Chainage input is completed, press the **Done** 1 | ↵ 2 | ✓ 3 button on the keypad. And input value must be between **Start Chainage** and **End Chainage**.

Chainage Validation

Wrong Input
Chainage value must be between of Start Chainage: 0.0 and End Chainage: 1.84

Traffic Survey, RHD on 01 Apr, 2024

Step 1: Road Information

GPS Position (Latitude)
23.7771478

GPS Position (Longitude)
90.3682793

Road No.
N1

Road Name
Dhaka (Jatrabari)-Cumilla (Mainamati)-Chattogram-Teknaf Road

Road Link
N1-1R

Link Name
Jatrabari - Int.with Z1101 (Right)

Station Number
TS-N1-1R

Chainage Info
Start Chainage: 0.0 End Chainage: 1.84

Chainage
1

From Direction
Int.with Z1101 (Right)

To Direction
Jatrabari

User need to select traffic survey From Direction

User need to select traffic survey To Direction

🙂 You are set to move on to the next step!

Step 1: Road Information

Step 2: Tally Sheet

MOTORISED

Heavy Truck	Medium Truck	Small Truck
- 1	- 14	- 1

Large Bus	Medium Bus	Micro Bus
- 1	- 13	- 1

Utility	Car	Auto Rickshaw
- 8	- 10	- 6

Motor Cycle
- 55

NON-MOTORISED

Bicycle	Rickshaw	Cart
- 0	- 0	- 0

Step 5: Tally Sheet

Tap on selected vehicle box to start counting;

A counter 14 indicator is set to bottom right position of each vehicle box;

To remove unintentional count, press - ;

Thirteen (13) different types of vehicles in total. The vehicles are classified as **Motorized** for the first ten (10) and **Non-Motorized** for the last three (3);

Motorized: Heavy Truck, Medium Truck, Small Truck, Large Bus, Medium Bus, Micro Bus, Utility, Car, Auto Rickshaw, Motor Cycle;

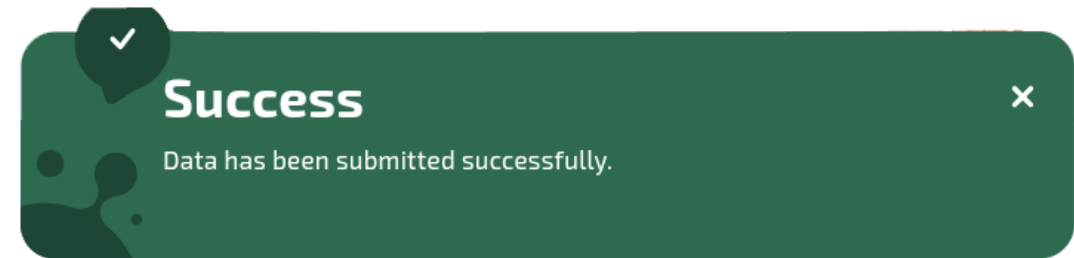**Non-Motorized:** Bicycle, Rickshaw, Cart;

Motorized

Non-Motorized

Step 6: Data Submitting

To submit counted traffic data to server tap on 'Send to Server' button;
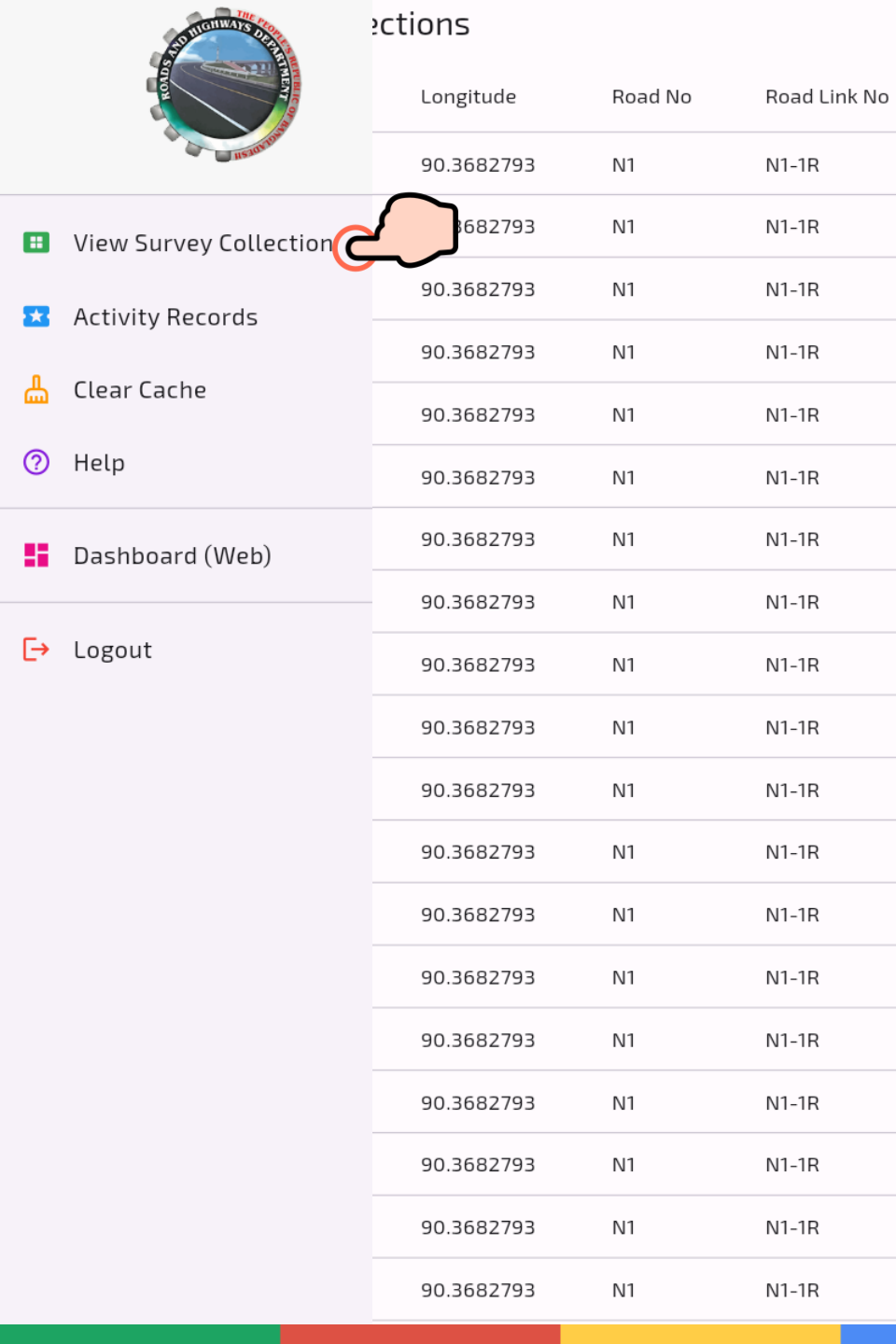
After the data is successfully submitted to the server, a success message will be shown.

Success Message

An auto scheduler has been implemented to send data to the server as a background process within the app. This process will occur at regular intervals of every 30 minutes.

Longitude	Road No	Road Link No
90.3682793	N1	N1-1R
3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R
90.3682793	N1	N1-1R

View Survey Collection

Activity Records

Clear Cache

Help

Dashboard (Web)

Logout

Step 7: View Survey Collection

Users can view survey collection data directly from the menu;

The "Sent to Server" column indicates which data has already been sent and which is pending.

"Sent to Server" feature which data has already been sent to the server is indicated by "Yes," whilst "No," which indicates that data has not yet been sent to the server.

	Date Time
	2024-04-01 15:31:00
ep 1: Road Information!	2024-04-01 15:31:07
1: Road Information!	2024-04-01 15:31:13

View Survey Collection

Activity Records

Clear Cache

Help

Dashboard (Web)

Logout

Step 8: Activity Records

Users can view app operational history log into Activity Records menu;

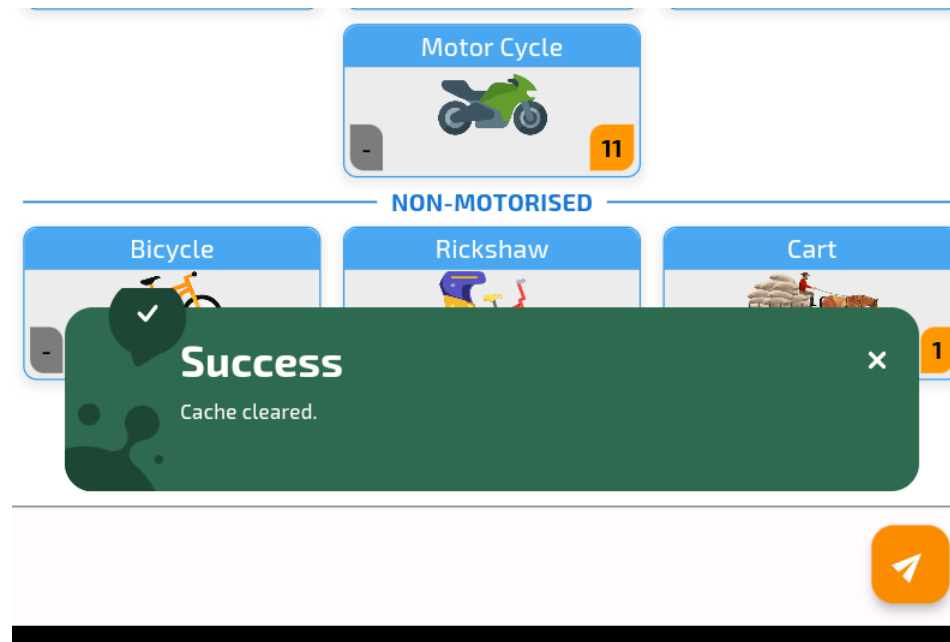It has Device ID, Device Model, OS Version, Use ID, Error Message and Date Time;

- View Survey Collection
- Activity Records
- Clear Cache
- Help
- Dashboard (Web)
- Logout

Clear cache feature has been added to enable users to clear submitted data easily;

It is a manual operation to clear submitted data;

A success notification will appear;

Motor Cycle

- 11

NON-MOTORISED

Bicycle | Rickshaw | Cart

- 1

✓ **Success** ✕
Cache cleared.

ad Information

Tally Sheet

View Survey Collection

Activity Records

Clear Cache

Help

Dashboard (Web)

Logout

Step 10: Help

The Help menu provides access to the user manual of the app for easy reference;

PDF will appear in popup view;

The Dashboard (Web) menu provides access to the web application of dashboard/ reports/ distance measurement tools;
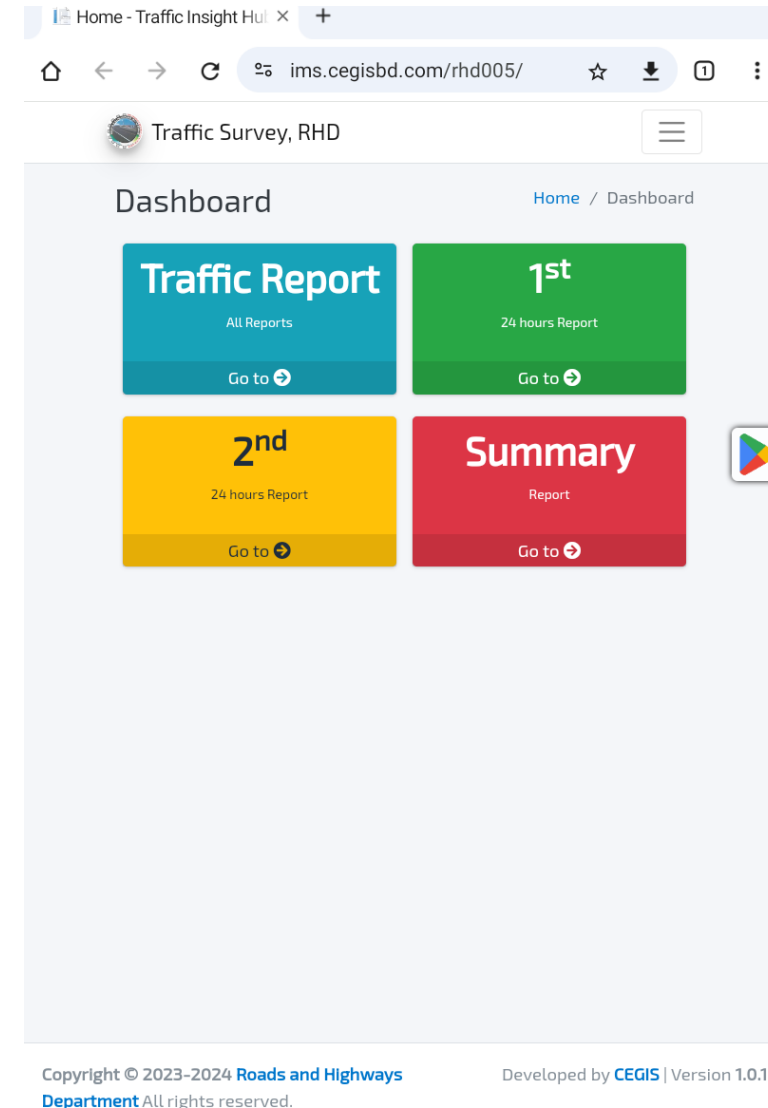
View Survey Collection

Activity Records

Clear Cache

Help

Dashboard (Web)

Logout

Step 12: Logout

ad Information

Tally Sheet

Upon logging out from the app, it's important to note that the app will automatically close.

View Survey Collection

Activity Records

Clear Cache

Help

Dashboard (Web)

Logout

Traffic Survey, RHD