



# Smart**BUS**

So every kid gets to school in time &  
returns home safely.



Here is what other school bus management & routing vendors aren't offering you

## Planning routes for school buses is easy—said no one ever!

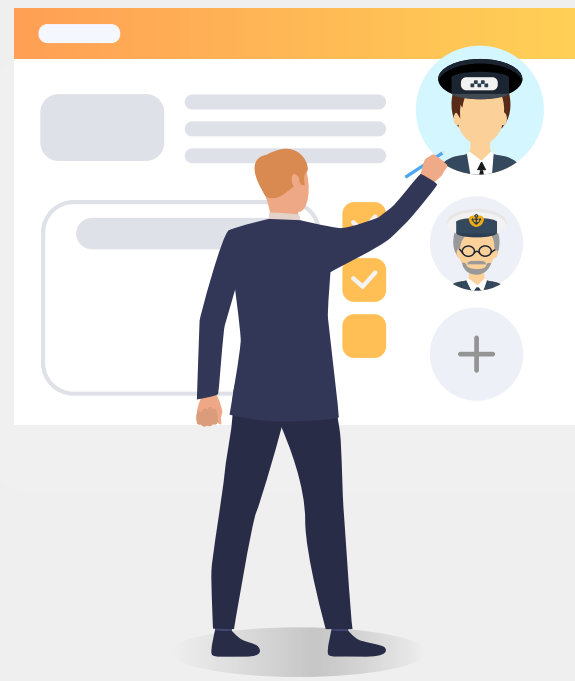
A lot needs to be done even before your child can set foot aboard. School bus transportation is a complex process involving 3 separate entities: Manager, Drivers, & Parents—and we've got discrete applications for each!



The academic year starts soon. But school bus managers have been at work long ago.

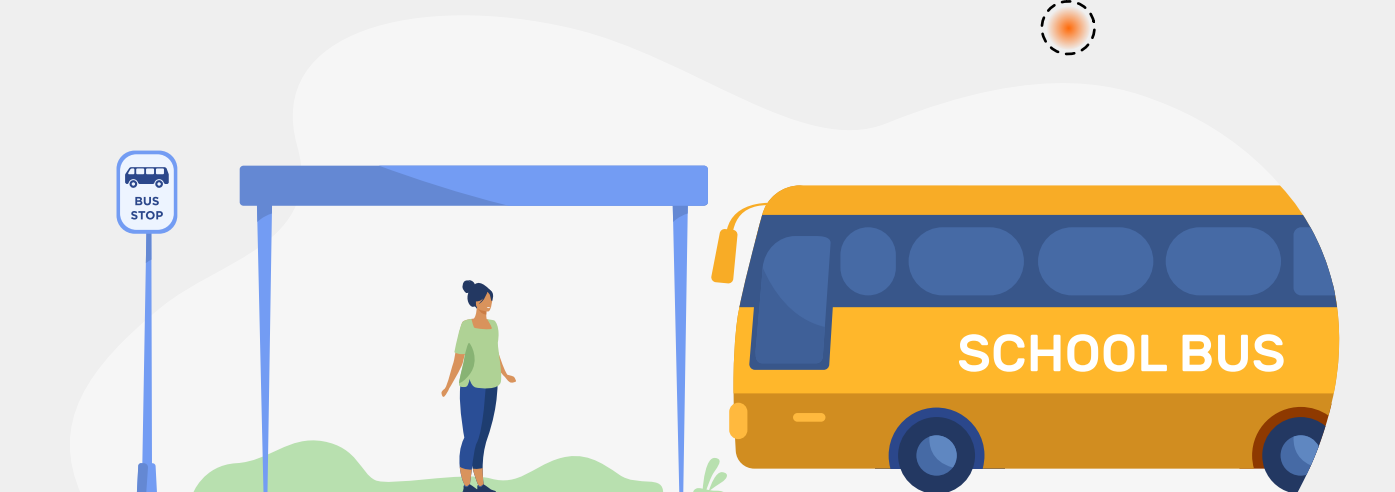


They've been trying to figure out which student goes on what bus. How to allocate the least number of stops without leaving out anyone? How to decide bus capacities? Which route is the shortest?



If and when bus managers work out the logistical details, they need to acquaint & monitor their drivers with these routes.

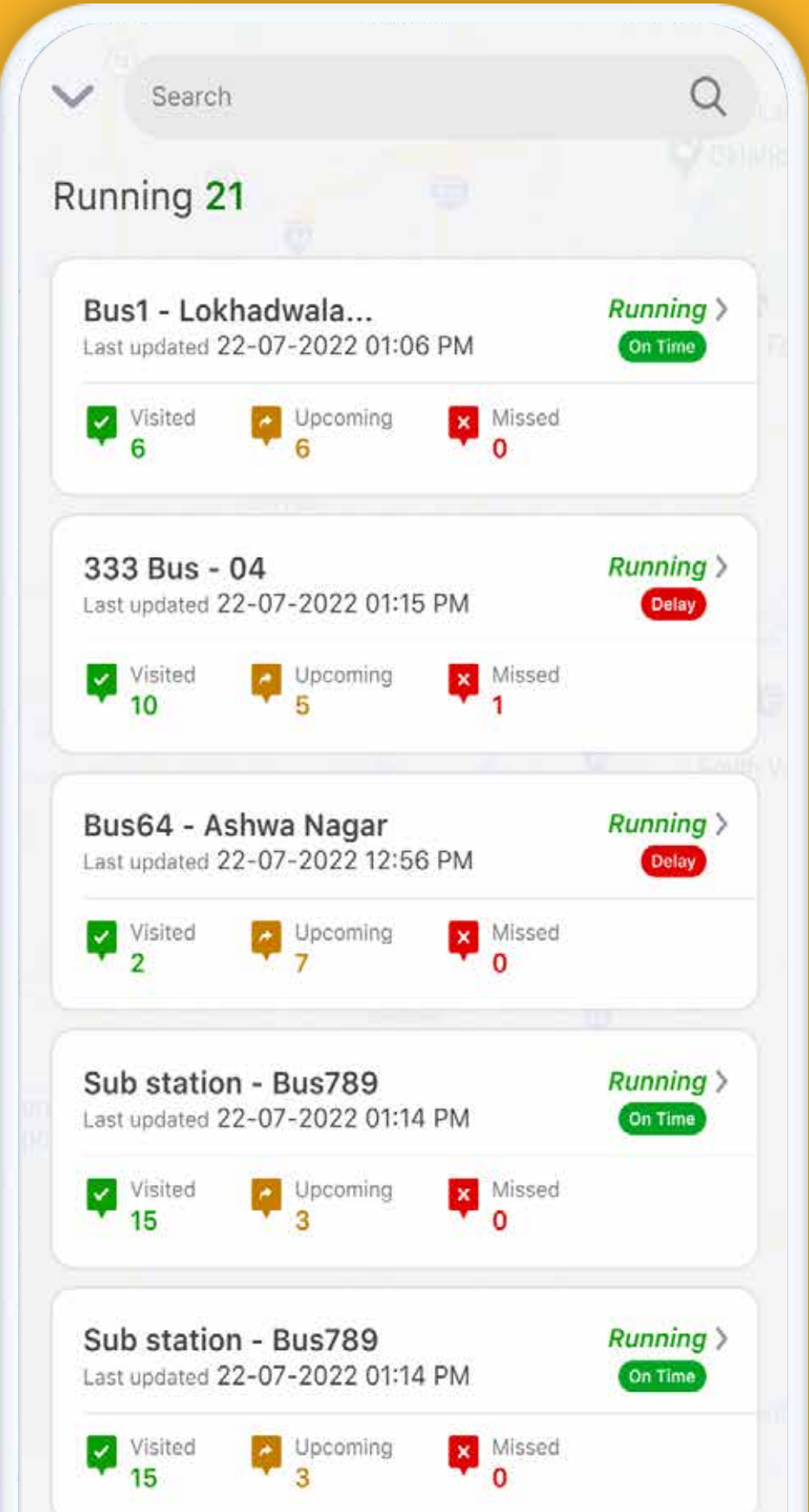
This brings us to the parents—who will probably spend hours waiting for their child's bus to arrive



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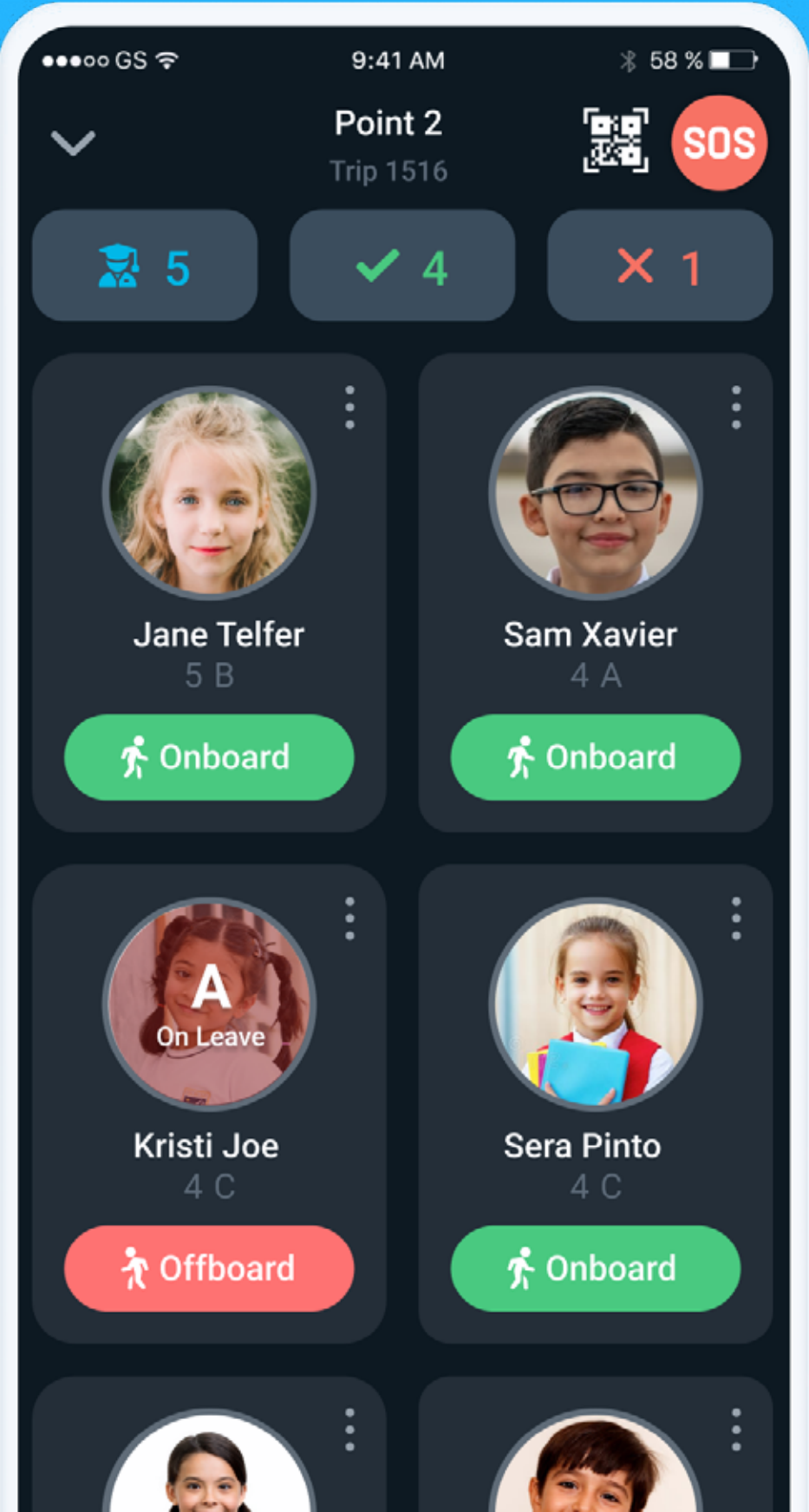
## The Manager App

Helping managers optimize route planning, scheduling, and resource utilization. All this while still keeping an eye on important KPIs!



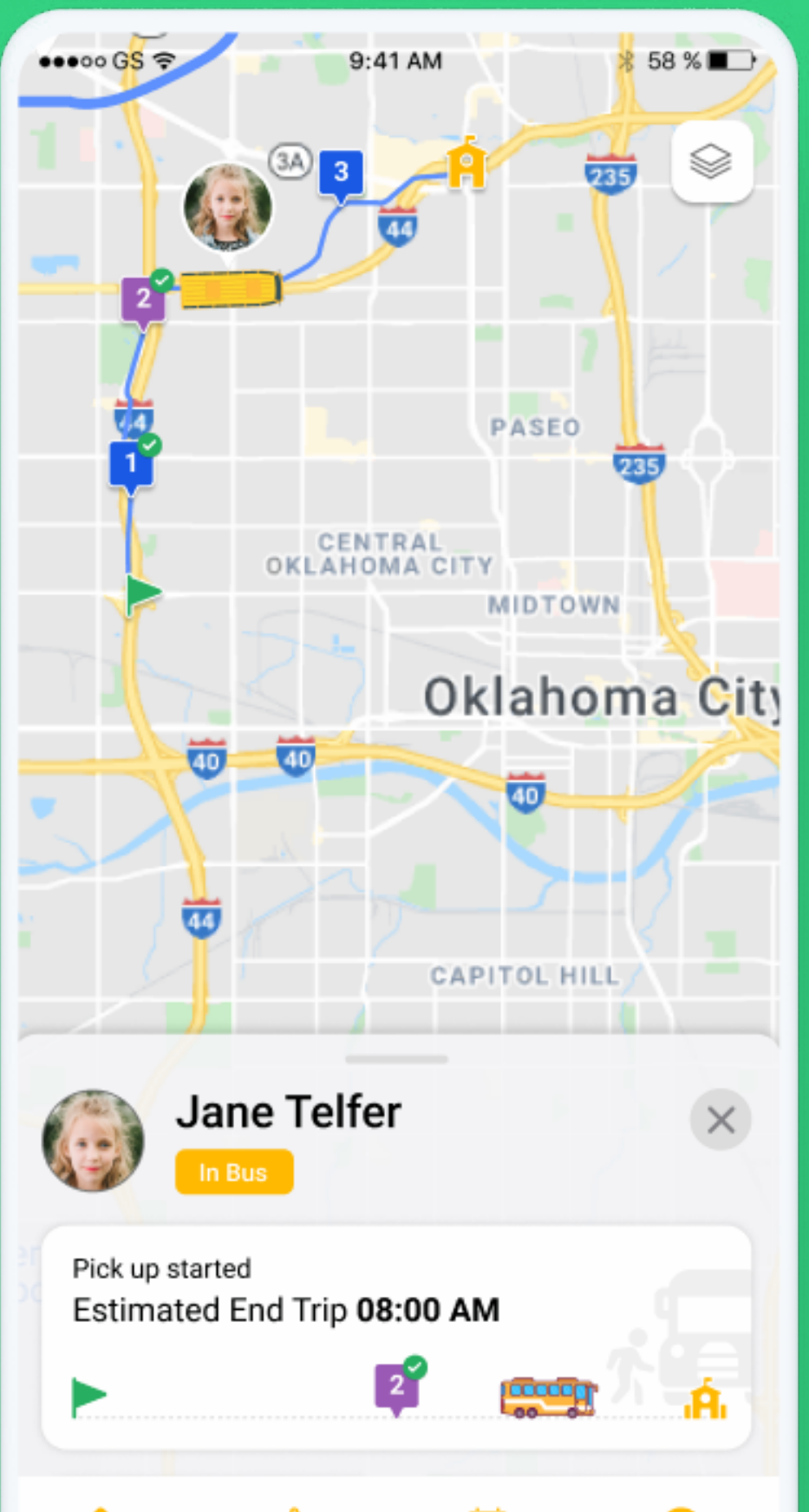
## The Driver App

Complaint driving can save you money. Who knew? We help drivers complete their daily trips in good time and stay on target.



## The Parent App

Being a parent isn't easy. While we certainly can't change that, we can at least try and make your child's journey to school easy.



Bus Manager App

Because ignorance isn't bliss!

Management of school bus routes, pickup & drop stops, drivers, & students—every day, is simply too stressful. That's why we're here to help school bus managers.



Easy Routing & Planning



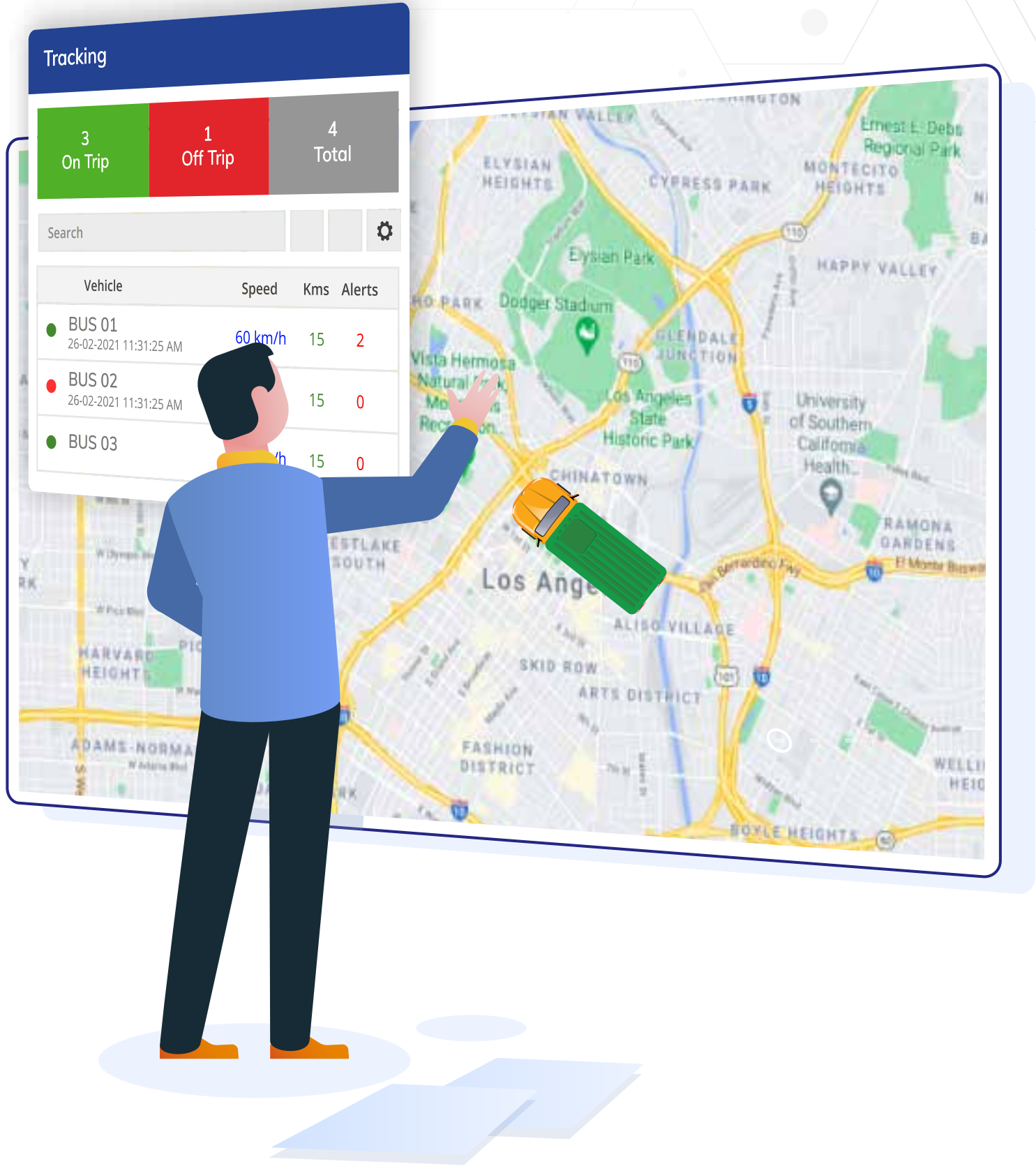
Complete Visibility



Comparative Analysis



Driver Surveillance

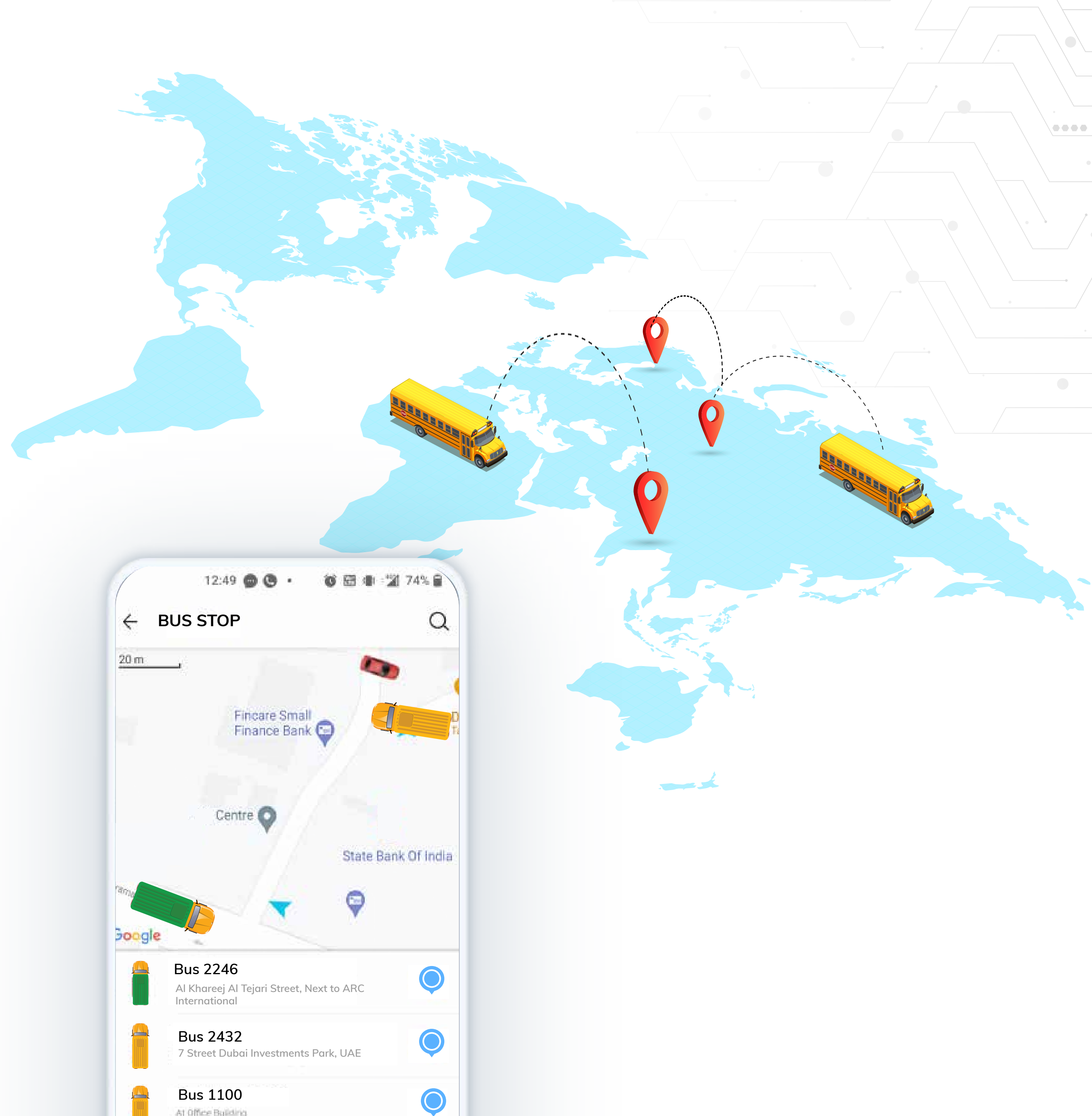


## Real-time Tracking

# Underrated, yet extremely useful!

Know which bus is at what bus stop at any given time.  
Experience a whole new level of transparency!

- 1 On-trip buses vs off-trip buses
- 2 Create geofences with configurable tolerance
- 3 Traffic details for selected routes
- 4 Insights into bus details and driving violations
- 5 Route Playback and history





Analytic tools

# Intelligence at your fingertips

Dashboard for the Manager app



Total buses on active trips



Driving violations & alerts



Maintenance reminders



Trip vs Time graphs

## Summaries and Charts



Trip activity summary



Driver Performance reports



Violation occurrences



Geofence/ POI visit info

## Student Point Allocation

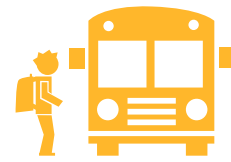


# Strategic planning for higher profits

Allocating bus stops is an intricate planning process that leads to better resource planning, optimal trips, and greater savings!



Designate distinct routes to buses. Cluster bus stops along those routes.



Students in nearby areas get picked/ dropped off by the same bus



Effectively manage your fleet and driver resources

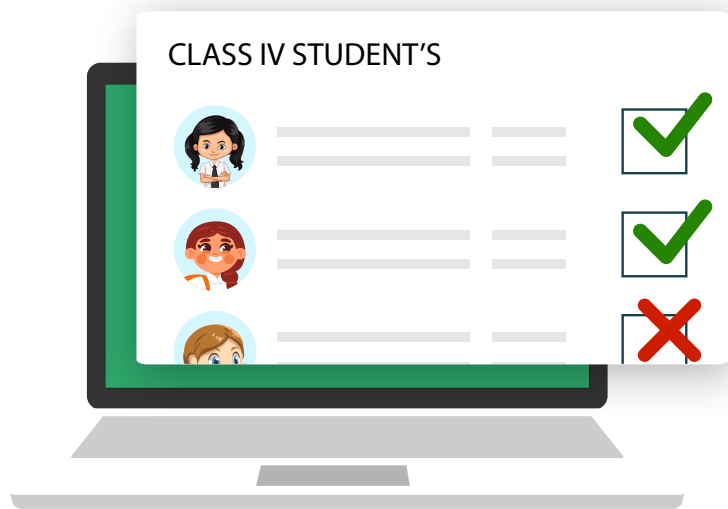


Always know the number of occupied or available seats on a bus



Trip creation with route optimization

» **Your route to savings awaits!**



You have a list of 10,000 students.



How will you decide which student boards what bus?



Next to it, a list of available buses.



Here's what you need to do, upload an XLS sheet with student, bus & driver details. And that's all!



Our highly advanced route optimization module goes through millions of hypothetical routes. It considers traffic, detours, bus stops, driver & bus availability before mapping out the choicest route for your school bus.

With route optimization, you're bound to get routes that are:

- ✓ Shortest
- ✓ Fastest
- ✓ Cost-effective
- ✓ Productive

Fuel Management

Improve your fuel efficiency

Your buses run on fuel, and fuel ain't cheap! Use our fuel management system to monitor fuel levels in real-time. Receive alerts for anomalies and take action against theft or fuel fraud.



Better fuel economy and mileage



Lower fuel costs



Eliminate fuel thefts



Insights into fuel levels & tank capacity

| Fuel Status |                  |             |               |                |
|-------------|------------------|-------------|---------------|----------------|
| Vehicle     | School           | Location    | Tank Capacity | Fuel Level (%) |
| KL01 TVM    | Learning Tree    | Mark Street | 40            | 66.3           |
| JJF - 098   | Highfield High   | East Meck   | 30            | 46.1           |
| DCY - 0047  | Wiley Elementary | West Meck   | 35            | 20.9           |
| BN -0A26E   | East Spring      | West Coast  | 50            | 50             |

## Tire Management

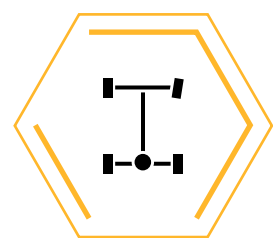


# See how to take good care of your tires

Tire-related incidents can be fatal and you simply can't afford to take that chance with your school buses. So, you can take utmost care of your tires and avoid potential mishaps.



Accurate insights into tire pressure and temperature



Tire inventory and axle position info



Tire maintenance reminders



Insights into tire inventory and expenses



### Driver monitoring system



## For better, more compliant driving

School bus drivers must remain attentive and drive responsibly at all times. Our live video streaming and timely updates are here to make sure that happens.



### Video Telematics

- Ensure student safety
- Road & driver-facing cameras
- Identify distracted drivers



### Driver Performance

- Curb reckless driving
- Configure violation limits & conditions
- Set alerts for speeding, AC misuse, idling



### Driver Overview

- Driving credentials
- License & insurance details
- Driver contact information

Emergency Trip creation

So you never have to stop!

Are all your school buses busy getting serviced? Do you need an extra rental bus to complete rush-hour trips? Don't sweat it, we've got just the right tools for you!

1

Hassle-free integration of new objects

2

Automatic data synchronization

3

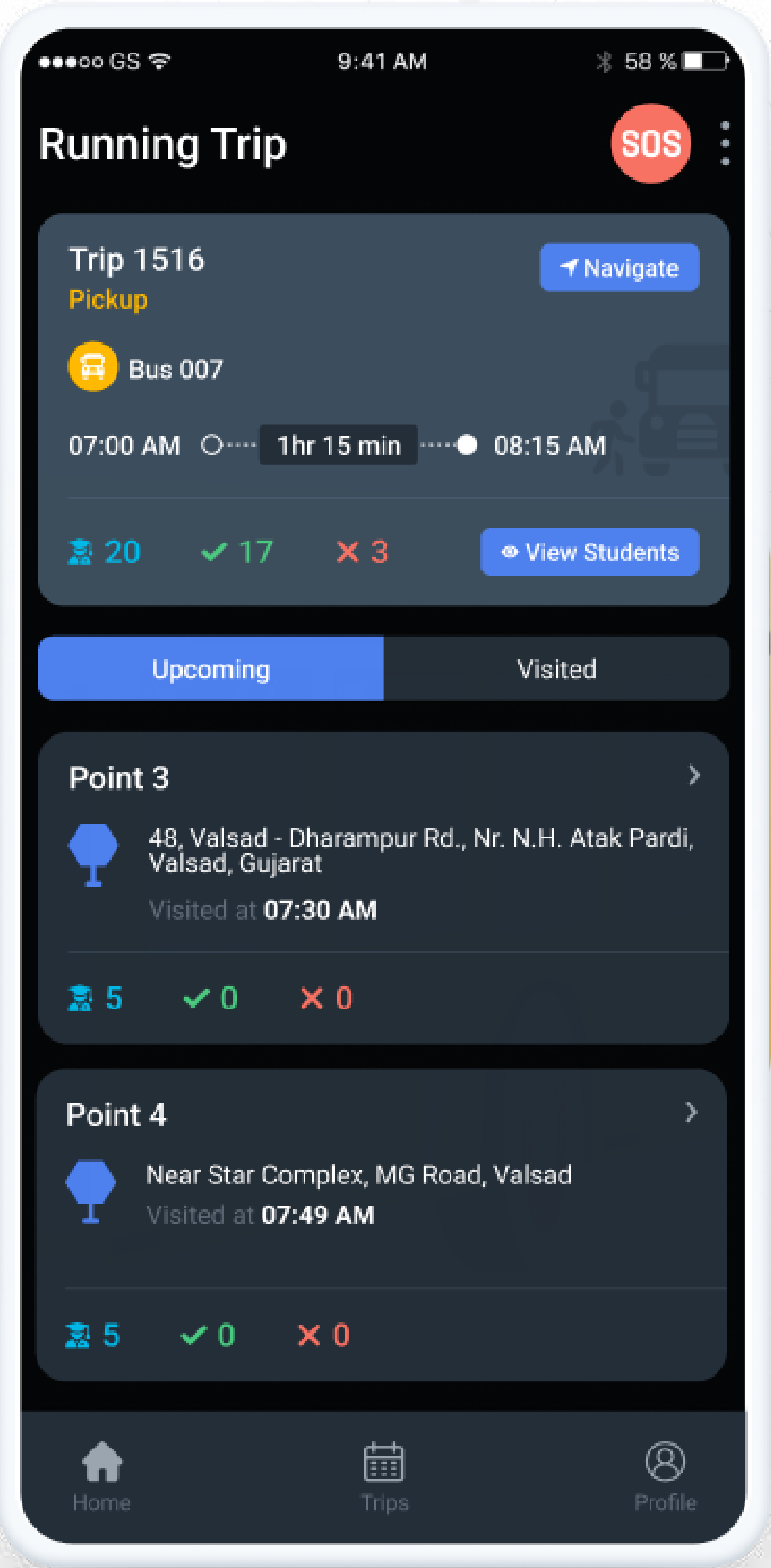
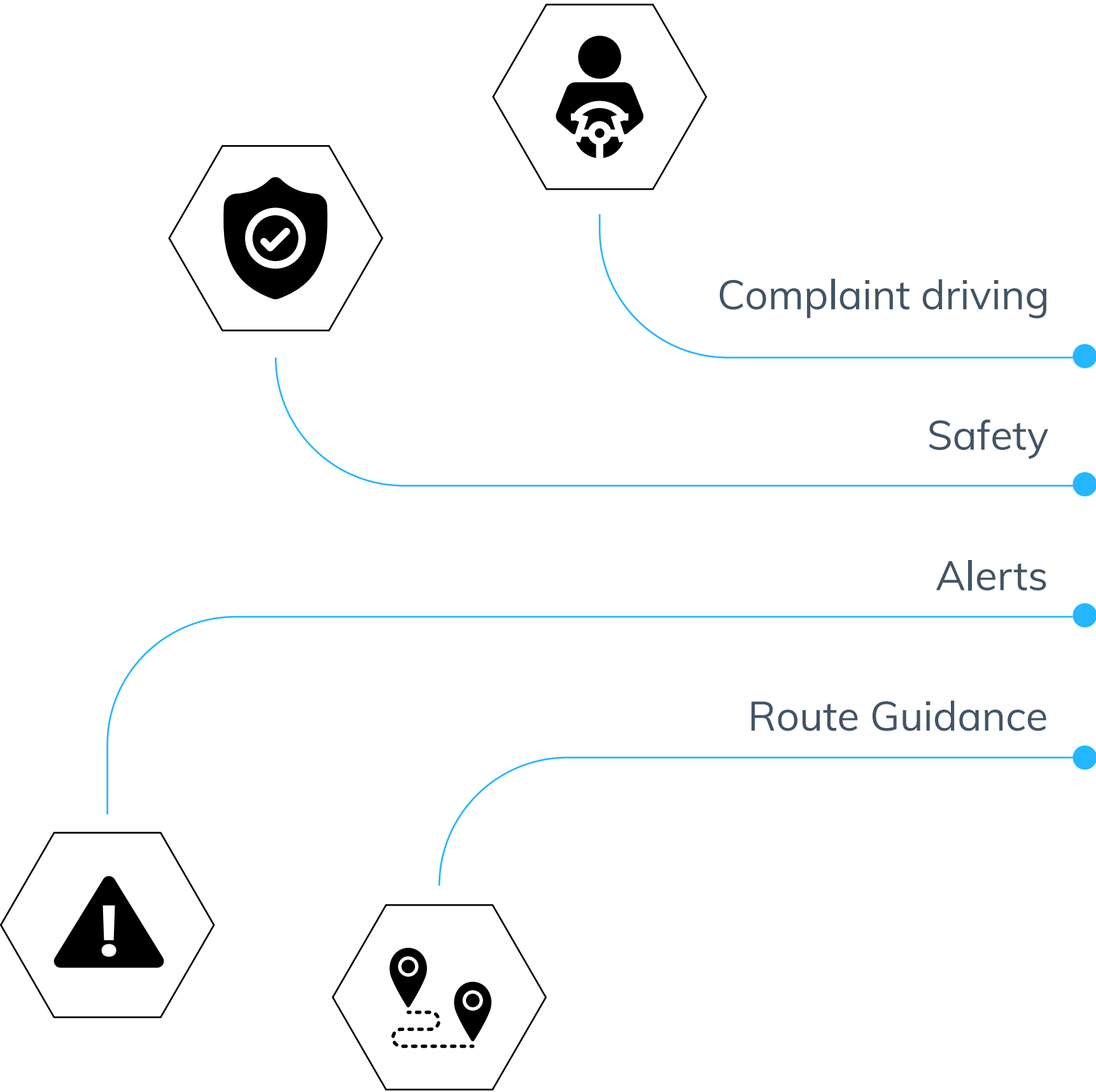
Readily available optimized routes

| Trip Creation    |                 |           |                |                    |
|------------------|-----------------|-----------|----------------|--------------------|
| School           | Trip Name       | Vehicle   | Student        | Pickup/Drop Points |
| Learning Tree    | Trip 1          | BUS-564   | Mark Ray       | 76 Cross Road      |
| Highfield High   | Highfield Trip3 | JJF - 098 | Suzane Dee     | 2 Stag Bus Stop    |
| Wiley Elementary | Class IV Trip   | BUS-1110  | Michelle Melin | Danville           |
| East Spring      | East Zone Trip  | BUS-333   | Kyle           | Near Floral Park   |

Drivers' App

Empowering drivers with technology

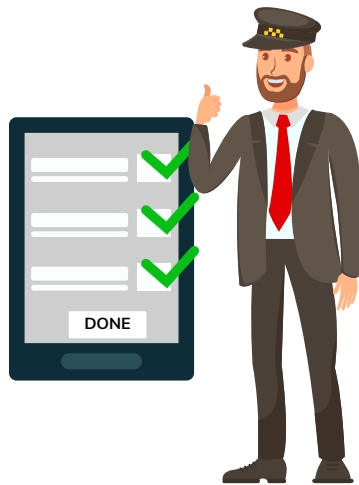
School buses simply can't function without their drivers. Familiarizing drivers with everyday routes, providing timely navigation, or student pickup/drop stop details is crucial.



Attendance

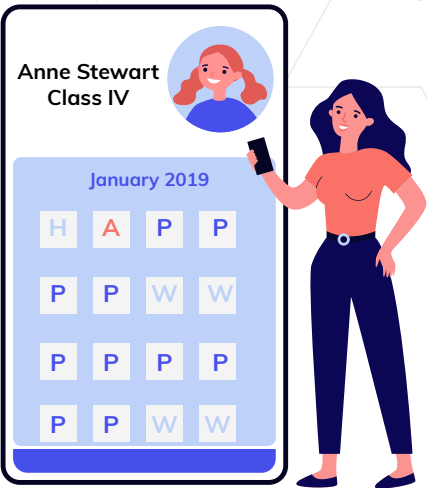
Transparency & time-efficiency

Precious school hours are spent taking student attendance. That’s why we have found out a solution to streamline the process of taking attendance.



Drivers can take student attendance

Attendance reports can be reviewed by parents



Making sure that students board the right bus



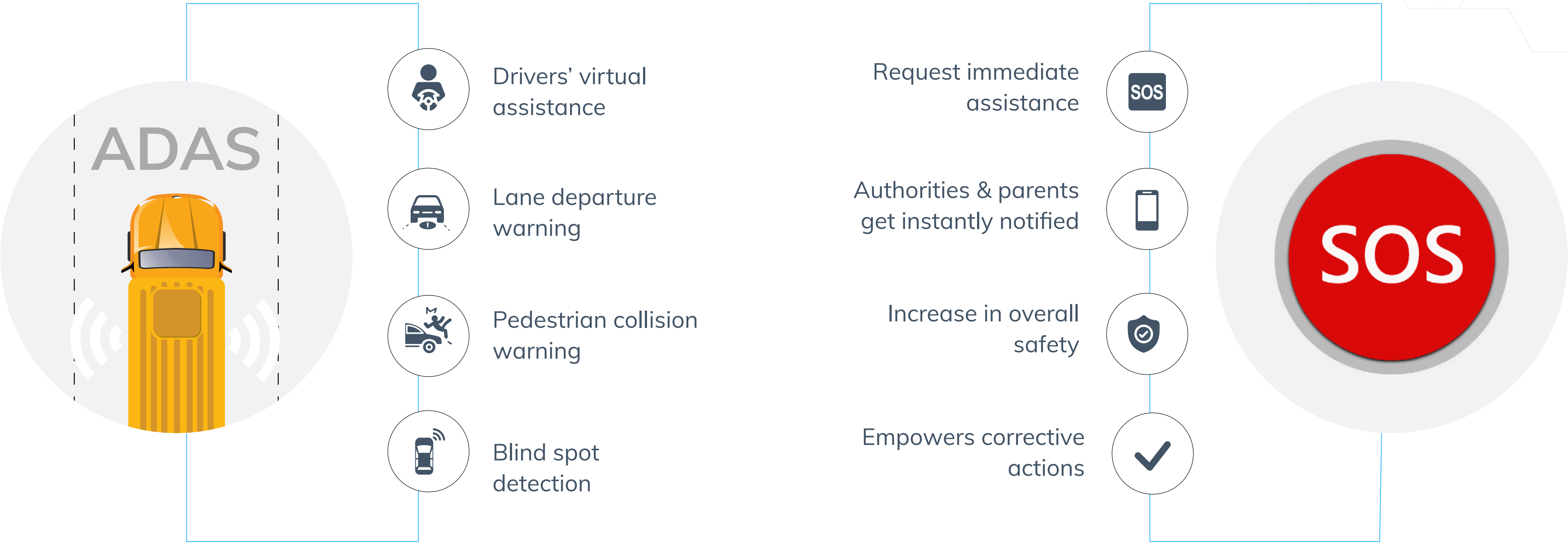
Provisions for taking attendance via-  
a. Biometric identification b. QR codes c. RFID



Driver assisting tools

Safety. Security. Simplicity.

Precious school hours are spent taking student attendance. That’s why we have found out a solution to streamline the process of taking attendance.



### Navigation



## Guidance at every turn!

We don't want your drivers to miss a bus stop or drive along the wrong route!



Turn-by-turn navigation



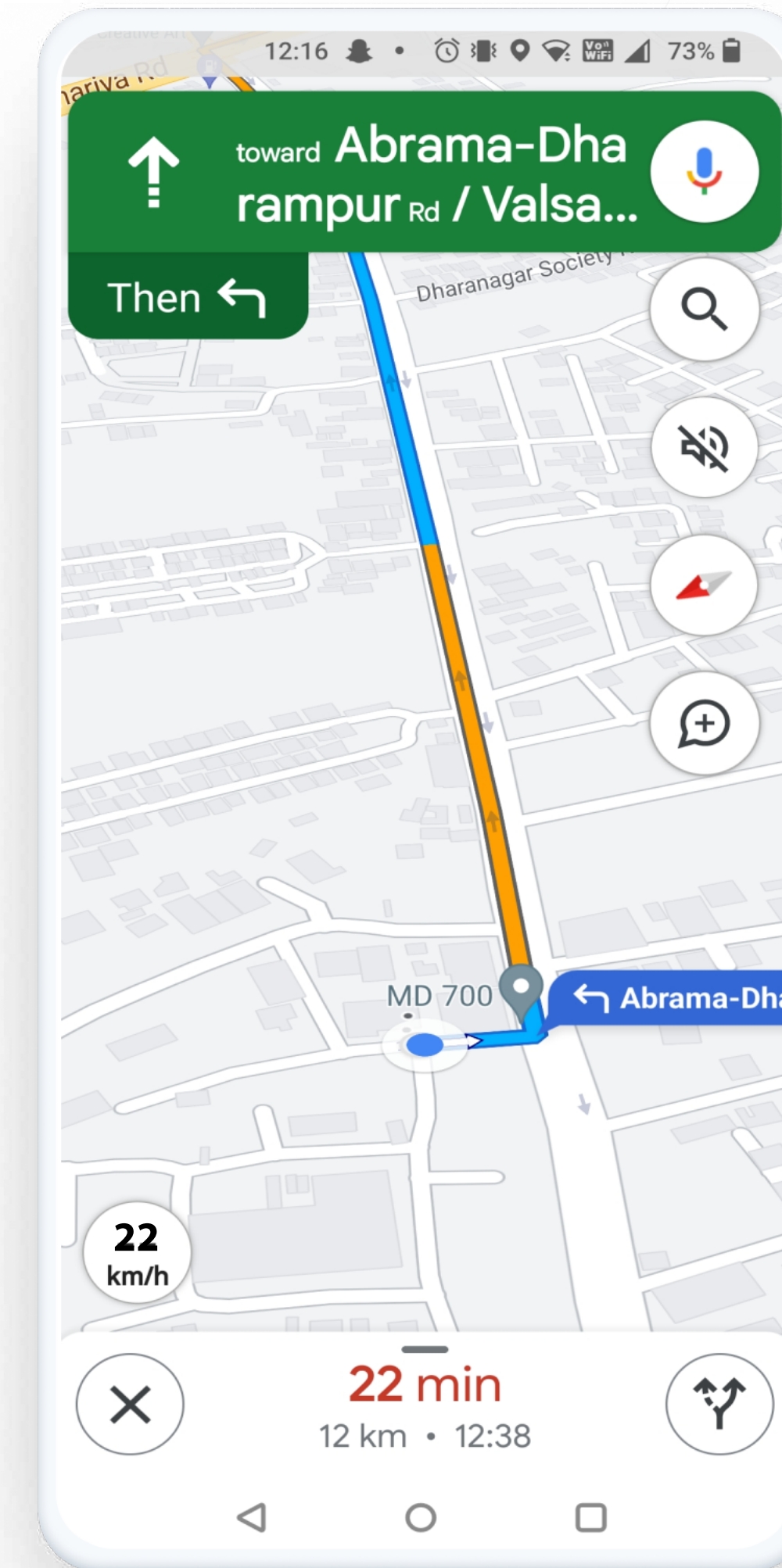
Upcoming & missed bus stop alerts



Re-routing and detour updates



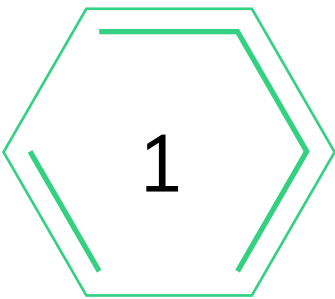
Real-time traffic information



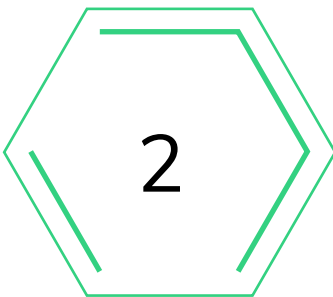
Parents' App

Tired of waiting? Try SmartBus!

Mornings can be a hectic time. But catching a school bus doesn't have to be. Parents get to know accurate bus ETAs, real-time updates, and live in-fleet video footage. You couldn't have asked for more.



Transparency



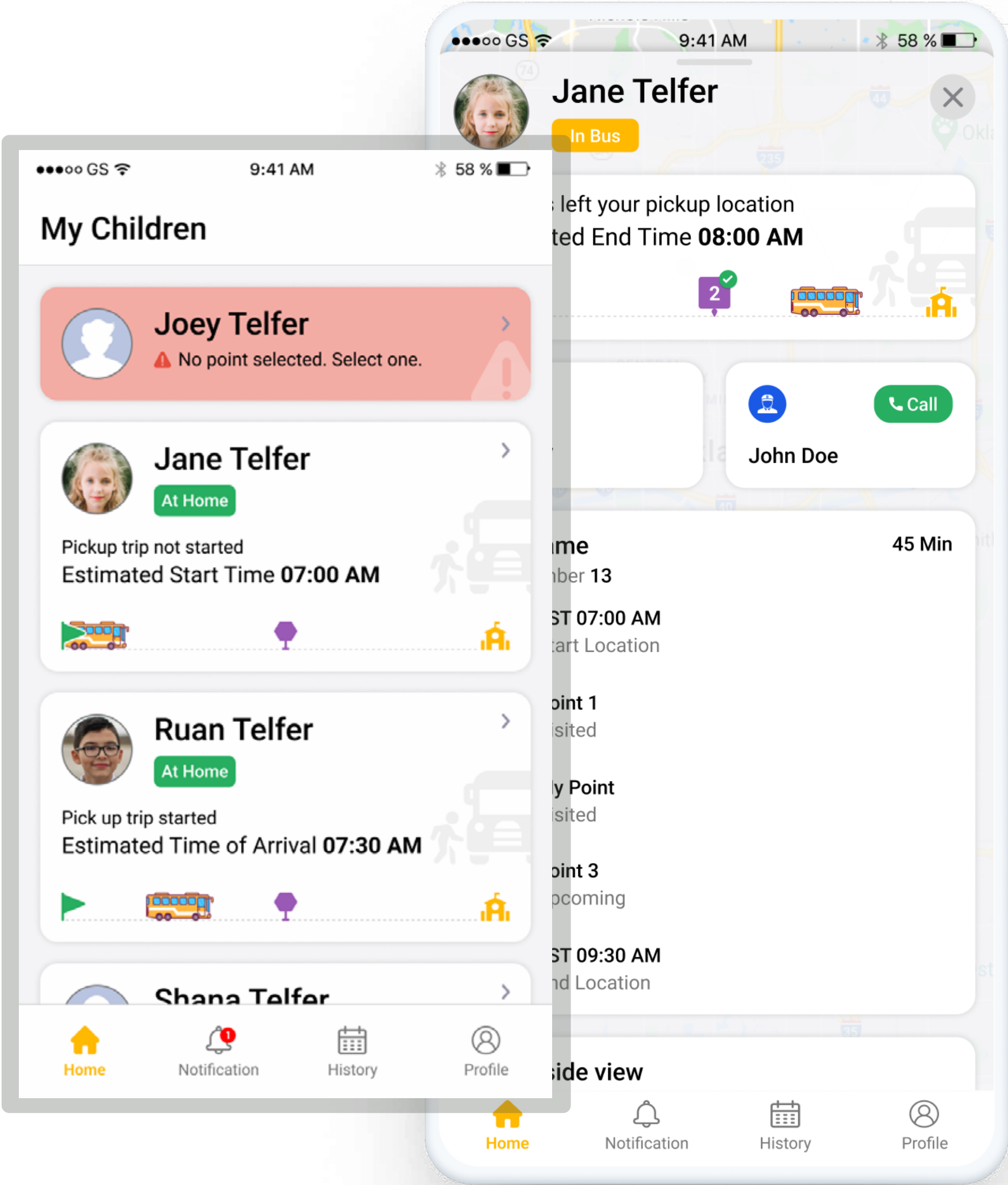
Customization



Alerts & Updates



Flexibility & usability

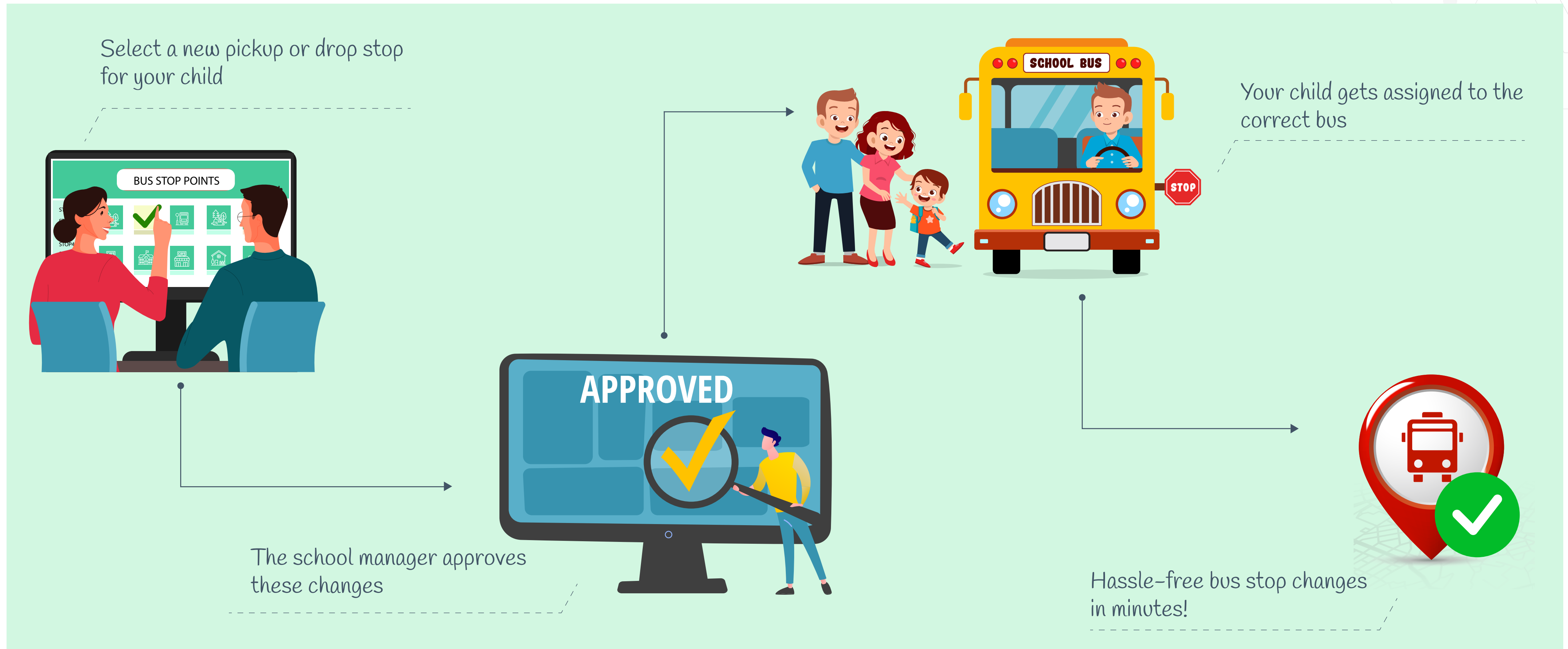


## Changes in pickup/drop stop



# Experience a whole new level of flexibility

Change of residence? Does your child need to get off the bus at a different location? Don't worry, you'll be able to manage this with a single click.

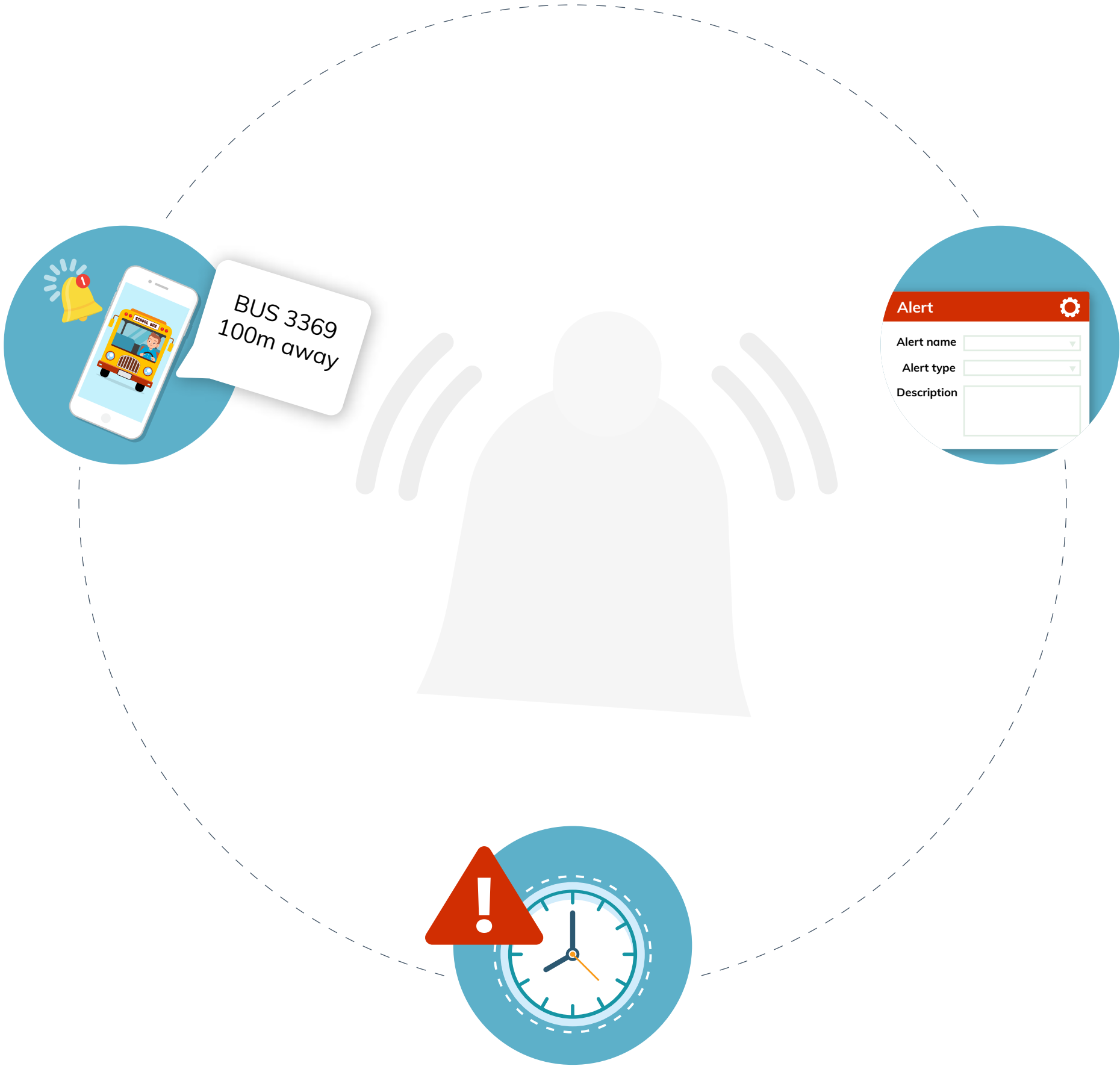


### Configurable Alerts

## Say no to long hours of waiting

You don't want to waste your precious morning hours waiting for your child's school bus. With SmartBus, you'll be able to step out of the house exactly when the school bus arrives. Isn't it convenient?

Get notified when your bus is near



Notification conditions are customizable

Alerts can be set based on distance or time

## Utility



## A platform that lets you do more

Get the most out of your school bus tracking application! You can do a lot more when you have the right tools!

1

Alerts for reckless driving

2

Stream in-fleet video footage

3

Emergency alerts

4

Get to know about bus delays

5

Notifications for bus boarding or disembarking



# SmartBUS





## All-mile Visibility





# Thank You

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Questions? Talk to us!  
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