

SCHOOL BUS TRACKING and GATE ATTENDANCE with PCR VALIDITY VERIFICATION



OUR STORY SO FAR ...

Idea

School shuttered in Abu Dhabi after court verdict of child that died in a school bus in 2014.

Launch Customer

Signed up a transport company to pilot Lokate Student solution in 3 schools. A paid trial !

Customer # 2

Signed up a school directly to run Lokate Student. A highly motivated school administrator.

Updated Version

Completed 1 full academic year. Arabic interface ready. Multiple schools with Lokate Student App Encouraging feedback from parents and school authorities.

Attendance

Added features like ECA stay back & Own Transport modules. Now, a full school attendance with class wise numbers.

PCR-VV

Added a feature to check the PCR status of students and staff to keep covid protocol requirements of government agencies. Automation to bring speed and efficiency for children and staff entering campus.

Oct 2016

Apr 2017

May 2017

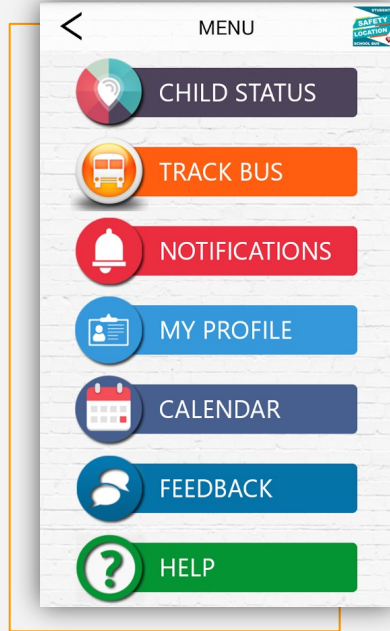
Sept 2018

Apr 2019

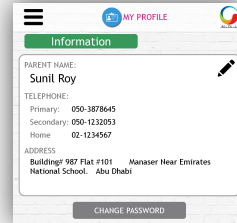
Sept 2021

Lokate Student was birthed as an idea in 2016 to prevent children from being left behind in the school bus and unaccounted for. The tragic deaths of 3 school children in their school bus in Abu Dhabi from 2008 – 2014, highlighted a deficiency within the school bus transport system. Ethan just started school and his father was concerned about his safety and was determined to do something about it. And he did it!

PARENT APP

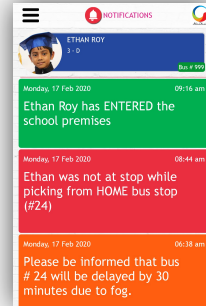


MY PROFILE



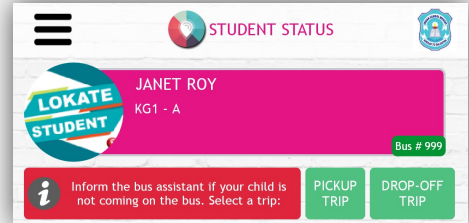
Update your profile

NOTIFICATIONS



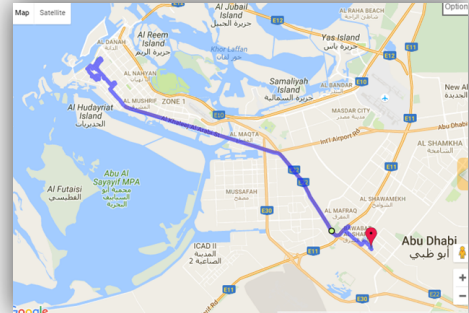
Daily notifications

MESSAGE TO BUS ATTENDANT



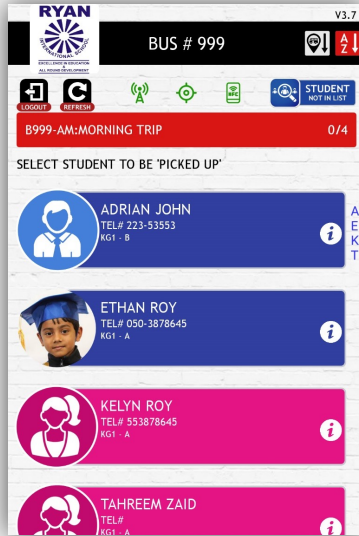
Inform the bus of absence

TRACK BUS

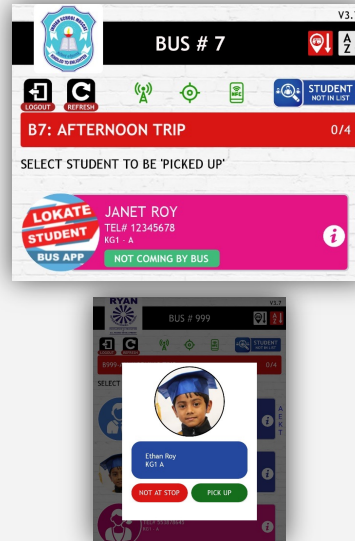


Live map in real time

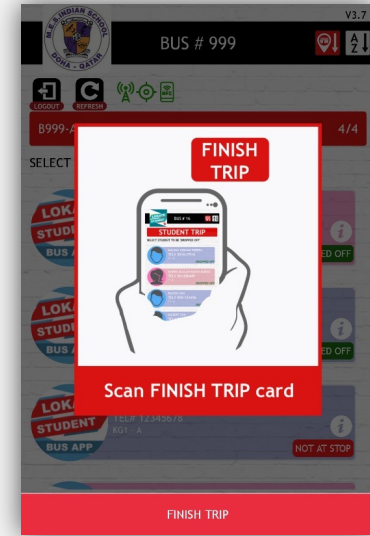
BUS APP



Students are provided NFC cards which are scanned as they enter/exit the bus

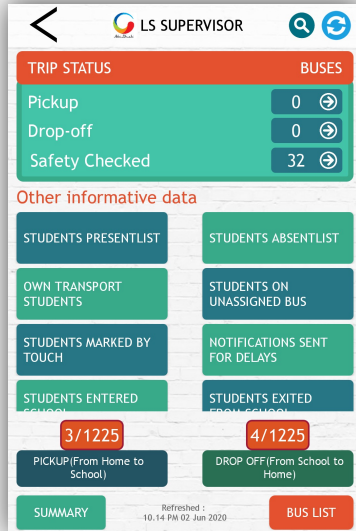


Students are marked manually by touch, when cards are forgotten or absent as they enter/exit the bus

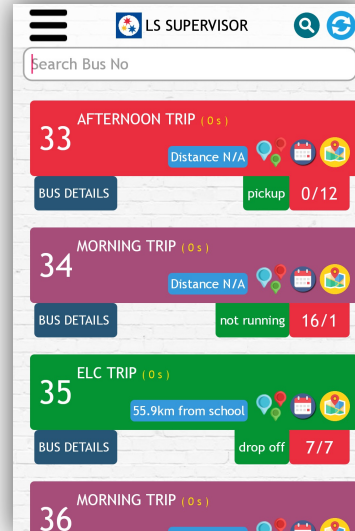


Closing a trip is only by scanning the finish trip card at the back of the bus after all students have exited the bus

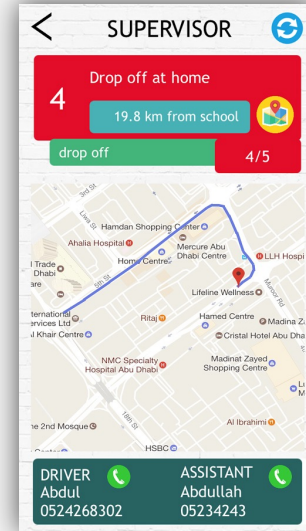
SUPERVISOR APP



Home page with summary data of the entire fleet - at a glance



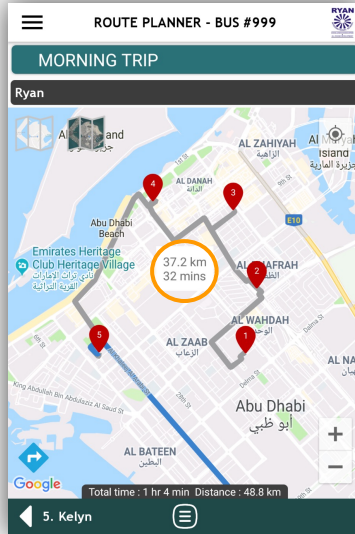
Color coded for easy visual reference of activity and live numbers of bus activity



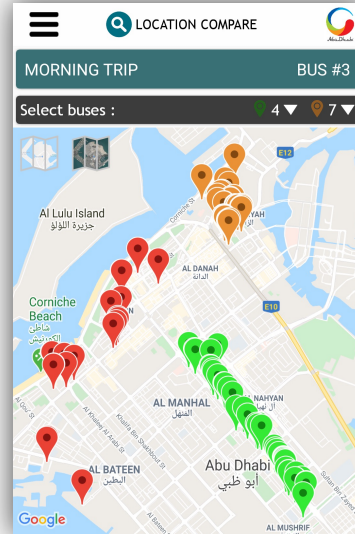
Live location of each bus with quick dial details of the driver and assistant



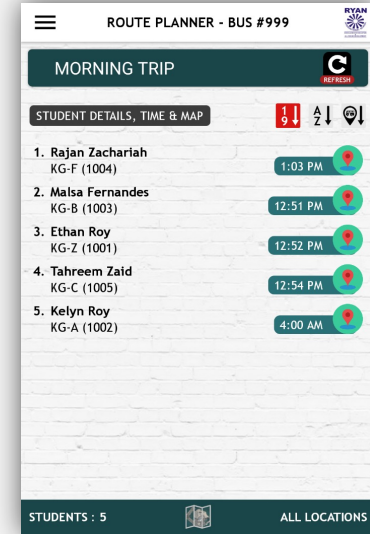
ROUTE PLANNER APP



Sort for best route options for pick up and drop off order for students



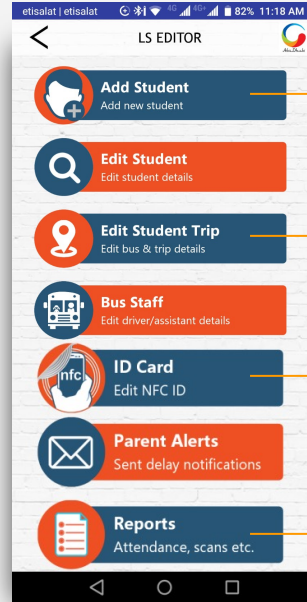
Identify inefficiencies to maximize bus capacity and minimize travel distance



Listing of students on the bus to drag and sort order of pick up and drop off

EDITOR APP

Enter, edit and update data on the go for the Lokate Student ecosystem and generate reports.



Add new students and details to the solution

Edit only bus trip details for a temporary reason

Update details of replacement student ID card when lost or damaged

Reports in Excel format for daily bus attendance, trip count etc.

KEY FEATURES



No fixed installations on the bus.

In-case of accident or break-down, the bus assistant with the students & scanning device boards another bus & the trip continues with all features continuing to function.



Language Interface

Parent App will be with English as default. Arabic or other language options are possible. Messages for the same child account can be notified in different languages to different parents.

1

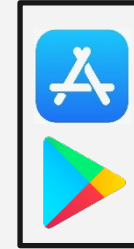
2

3

4

iOS and Android Compatible

Parents / School authorities receive notifications on phones and tablets. Multiple devices can be logged into one account. Ex. father, mother, nanny, driver etc. Download from the App stores.



Safety Scan

Bus assistant after drop off, has to do a safety scan placed at the back of the bus to ensure no child is left behind in the bus. The trip is closed only after this scan.



HOW IT WORKS...



Parent App

Parents to download from the app stores (iPhones & Android Phones) & tablets (iPads & Android tablets). Log in and authenticate with the registered email with the school.

1

2

Bus App

Bus assistants scan the RFID cards of students as they enter & exit the bus. Location is pinned for reference. Notification is sent to parents instantly and updated on the supervisor app.



3

4

Supervisor App

Dashboard of all the buses in the fleet.

- 1 Details of children on/off the bus.
- 2 View bus location on a live map and distance from school
- 3 All information in real-time.

Editor App

Data of children can be edited.

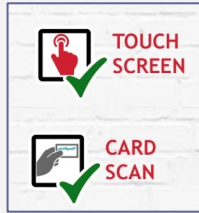
Ex. change of bus number.

Daily reports can be generated.

- 1 Daily attendance and forgot card
- 2 Monthly trip count for child



SAFETY AT 4 LEVELS



Bus Assistant / Driver

Bus Assistant verifies each child visually and by card scan or manual touch. Notification sent instantly to parents and updated on the supervisor app.



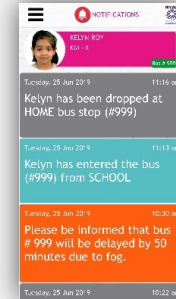
Bus Assistant / Driver

- 1 Visual check by walking to the back of the bus to do the scan.
- 2 Safety scan only when all children in the bus is accounted.
- 3 Designated card for each bus to close trip.

1 2
3 4

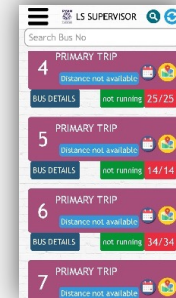
Parents

Parents receive instant notification when the child is ON & OFF the bus and also when NOT at STOP. A location pin on a map is also available for reference.

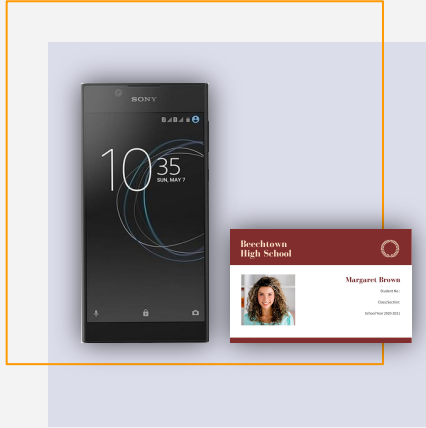


Transport Supervisor

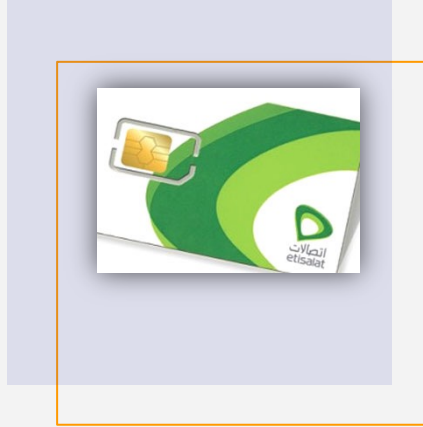
Supervisor can track all the buses in the fleet and have a count of all the children on the buses. Color changes from green to purple only when safety scan is done.



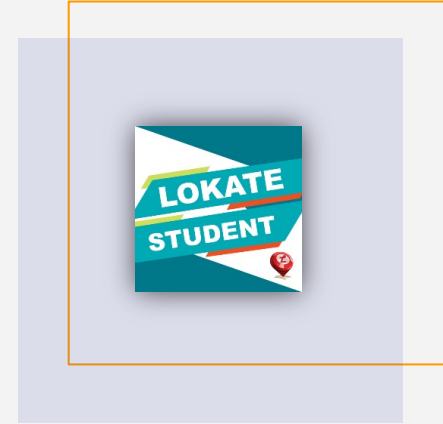
SOLUTION COMPONENTS



NFC compatible phone for
each bus &
NFC MiFare 1K student ID card



1 GB sim card with only
cellular data



Lokate Student software solution

PCR test **V**alidity **V**erification software solution for students and staff



Ready to
Install

Manually checking the PCR status of all your students and staff? Try PCR-VV and automate for efficiency!!

PCR-VV



How it works...

Staff / Student

- PCR Test results given to school authorities by staff and parents of students
- PCR-VV solution is updated with these results
- Staff/Student ID scanned at school gate/bus*
- 14/30 day validity verified for entry into school campus or school bus*
- Real time reports
- Ready solution for immediate deployment
- Full technical support in Abu Dhabi

Installation Requirements

- Mobile Device, Internet Connection, NFC Card

PCR-VV solution monitors the PCR Test validity of each student and staff with minimum interruption. This allows for a seamless entry into the school campus and while boarding the school bus*.

* Lets talk!

Ready to meet with you...



TrezPass is based at twofour54, Abu Dhabi with our associate office **Dunamis** in Dubai and India.

Dunamis is a multidisciplinary company that develops and offers products and solutions that brings accountability, safety and efficiency for the Education and Hospitality sectors. Our restaurant solution **DYNA-MENU** and our school solution **LOKATE STUDENT** are both well received in the market.

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