



# School Bus System

## OverWheels x OverPax by Overdrive

A comprehensive transportation management solution that empowers schools, parents and bus operators to keep a watchful eye on their students and passengers while commuting between homes and schools. Its real-time monitoring capabilities ensures an effective management of transport operations and optimization of bus routes - putting safety as our top most priority.



### Peace of Mind

Have maximum comfort and security in knowing passengers are transported safely.



### Enhanced Driver Management

Monitor driver's behavior and habits to ensure the safe commute of the passengers.



### Minimize Waiting Time

Manage transport timing by knowing the exact time the bus arrives.



### Ease of Communication

Enables quick communication and transparent operation.



### Improved Fleet Utilization

Automate the routing, planning, and scheduling of bus to have better fleet efficiency.



### Improved Maintenance Management

Know when your bus requires maintenance to minimize downtime and unnecessary costs

Let's take a ride together!  
Integrate our School Bus System into your business.



Students will be given a unique ID. It can be in a form of barcode, QR code or a BLE beacon.



Driver uses a mobile app to scan or swipe the unique ID upon boarding.



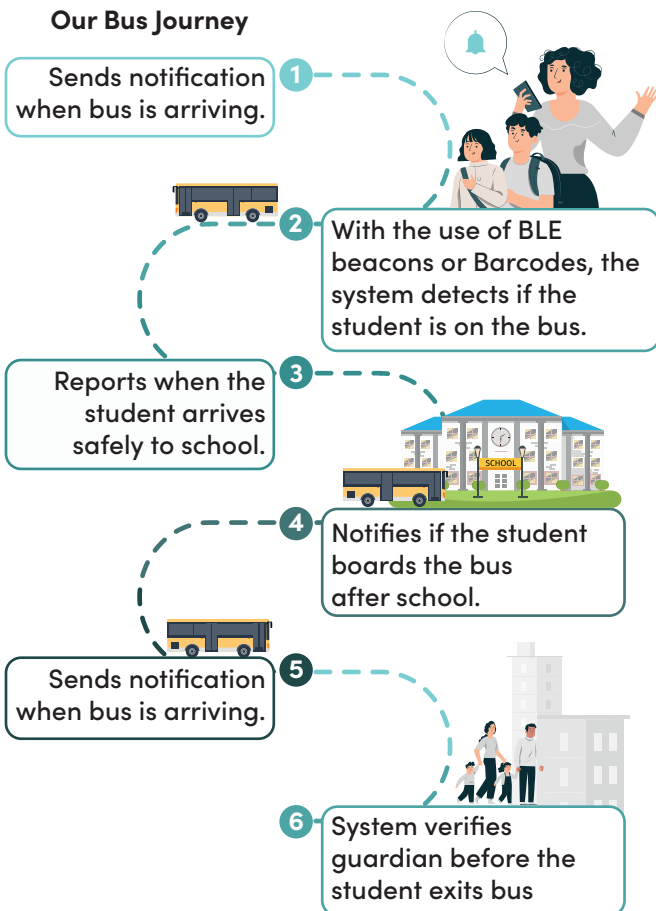
School Bus System consolidates all data real-time for the driver app and present information to operators, schools and parents.

## How School Bus Tracking System Works

Overdrive's school bus system is more than just a GPS tracker for students. We provide flexible services that come together into a wide-ranging transportation management solution. Equipped with attendance tracking module so that no student will be left behind and a route management function that allows drivers to plan their routes – saving time, reducing cost and increasing productivity.

Since the system has very little hardware deployment reliance, it has the ability to scale in faster. The solution serves as a way of monitoring the safety and security of students during transit and gives a sense of visibility for parents to ensure their kids are safe at all times.

### Our Bus Journey



### Key Features



**Real-Time Analysis**  
Get updates with minimum delays.



**E-Wallet**  
Digitally manage payments and monitor payment status.



**Notifications**  
Generate notifications once a particular event happens.



**System Alerts**  
Set triggers such as SMS notifications and email to the right people.



**Reports**  
Access real time data. Set rules and conditions to get the best report for your needs.



**Route Optimisation**  
Plan daily travel routes for shorter commute and improve well-being for each student.

### The Technology

A safety tracking system that utilizes high powered BLE Beacon and radio-frequency identification (RFID) tags that allow parents to pro-actively supervise their child's travels for peace of mind.



#### RFID Technology

Digital data encoded in RFID Tags are captured by a reader that allows sensor data including movement and location to be wirelessly transmitted.



#### BLE Beacon

A low-energy Bluetooth technology that sends signals and transmits valuable data to smart devices nearby.

**\*No hardware required other than a Smart Phone.**

Our mobile application supports various modes of detection such as Barcode, QR code scanning, BLE Beacons and RFID Tags for quick and ease of use.

## Who Are We

Overdrive is a Internet of Things (IoT) company that can intelligently connect physical assets with natural and artificial Intelligence across entire ecosystems so as to give clients the power to monitor, change and track virtually anything from practically anywhere. We provide a suite of holistic IoT products and solutions – all under one roof.

## What We Do

Specialises in  
Fleet Management,  
Assets Monitoring,  
Environmental Sensing,  
Vehicles Monitoring,  
Real Time Location System  
and more.

Hello,  
We Are **Overdrive.**

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