

## Usecase-1:

### IOT based Safety Gadget for Child Safety Monitoring & Notification



#### Description:

- ❑ As we all know, kids are the heartbeat of every parent, and when it comes to a child with special needs, parents have to be extra careful. They have to take extra care of their child.
- ❑ Child tracker helps the parents in continuously monitoring the child's location. They can simply leave their children in school or parks and create a geofence around the location.
- ❑ By continuously checking the child's location notifications will be generated if the child crosses the geofence. Notifications will be sent according to the child's location to their parents or caretakers. The entire location data will be stored in the database.
- ❑ Child can also initiate emergency notification to the parents incase of unsafe situation.

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### Social Impact

Improved safety index of places, provides freedom for the children with special needs.

### Business Model/Impact

- Selling the product directly to the parents (Device + Monthly Subscription for Tracking & Notification Service)
- Selling the product to the childcare centers

### Recommended Technology Stack

BLE, Wi-Fi, GPS SOC's, IBM Watson IOT, Google Map Service etc.

### Existing Solutions

- <https://trakbond.com/kids>
- <https://www.relyeon.in/gps-tracker-for-kids/>

### References

<https://youtu.be/9haiGUD2OZE>