

# Project Objectives

Date	17-11-2022
Team ID	PNT2022TMID33886
Project Name	Project-IoT Based Safety Gadget For Child Safety Monitoring & Notification

- *Gain knowledge of Watson IoT Platform.*
- *Connecting IoT devices to the Watson IoT platform and exchanging the sensor data.*
- *Gain knowledge on Cloudant DB*
- *Gain Knowledge of geofence*
- *Creating a Web Application through which the user interacts with the device.*
- *The major goal of this project is to use modern technology to create a gadget that provides "Smart Child Safety" to protect children*
- *The purpose of this device is to help parents locate their children with ease.*
- *The proposed system intends to a device wireless technique in the form of embedded device for children that will serve the purpose of alerts and way of.*
- *We can monitor the child 24/7 in real time through the help of this live streaming which makes parents feel that they are beside their children ensuring children's safety.*
- *A smart IoT device for child safety and tracking is developed to help the parents to locate and monitor their children.*
- *This work mainly focuses on alerting the individuals around the child so as to locate the child in safer zone before arrival of the parent.*
- *The purpose of this device is to help parents locate their children with ease.*
- *The main aim of the project is to provide security to the child.*
- *Project aims at providing parents with a sense of security for their child in today's time.*
- *Enable tracking of the child's location and capturing of data remotely such as temperature, pulse, respiratory rate, quality of*

*sleep and many more. To show the child's actual data with reference values*

- *Enable sending of notification if the child is out of location or when the device realizes abnormal conditions/situations.*
- *Develop a prototype of IoT wearable smart band connected to parents' mobile apps so that they can monitor the actual condition of children at anytime and anyplace.*