

Project Design Phase-I

Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID16940
Project Name	Project - IoT Based safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	4 Marks

Solution Architecture:

Internet of Things (IoT) is a set of systems and devices interconnected with real-world sensors and actuators to the Internet, according to . It is able to make decisions via detecting the surrounding environment without human interaction . In this is applied to propose a IOT gadget for child safety and monitoring which helps parents to monitor and get known of their child's condition at anywhere and anytime even if they are not by their children side. Via the IOT, children safety is guaranteed, and crime rate is reduced as immediate actions can be taken in case the child is in danger. Panic alert system is used during panic situations alerts are sent to the parental phone, seeking for help also the alert parameters are updated to the cloud.

Solution Architecture:



IoTbased safety gadget for child monitoring

Says

What have we heard them say?
What can we imagine them saying?

Parents must know whether their children are safe and secure

When a child is by itself, they should feel secure and safe.

There are numerous security tools available worldwide to keep an eye on kids.

parents feel relaxed that their child is safe and can notice when he/she is in danger

The child must be watched closely at all times.

What do they think and Feel?

What do they hear?

To care for the youngster, the friends must urge their parents to do so



What do they see?



What do they say and Do?

Untrue friends

Child abduction

Survival Problems

Spare the Kids

Unafraid of surviving

Following the kids

Does

What behavior have we observed?
What can we imagine them doing?

Feels

What are their fears, frustrations, and anxieties? What other feelings might influence their behavior?