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Project Title	IoT Based Safety Gadget for Child Safety Monitoring and Notification
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Delivery plan sprint-1

Live Location Tracking:

GPS is installed on gadget to track its current location can be tracked on android app and via SMS request sent from parent phone to safety gadget. Outputs of live location tracking

Panic Alert Systems:

Panic alert system on gadget is triggered during panic situation, automatic call and SMS are triggered to parental phone. The alert is also updated to the cloud for purpose of app monitoring. Fig. 4. Outputs of panic alert system.

Stay Connected Feature:

Stay connected feature is used to trigger call and predefined SMS anytime from gadget to parental phone by just pressing a button and also parent can make SMS and call to the gadget anytime.

RFID Monitoring System:

The RFID tag is a small electronic device containing a microchip for storage and calculation and a coupling element such as an antenna file to communication. The information collected done by chip and transmitted wirelessly. The RFID tag categorized into different categories such as Active Tag, Passive Tag and semi-passive.

Boundary monitoring system:

This is used to track the safety gadget using the binding gadget by implementing signal strength concept as soon as the safety gadget moves far away from the BLE listener gadget then an alert is provided to itself. Listener device and broad cast device .

