**IoT Based Safety Gadget for Child Safety Monitoring & Notification**

TEAM LEADER: S. THARANI

TEAM MEMBER 1: V. RIPPONIKA

TEAM MEMBER 2: S. SHARMI

TEAM MEMBER 3: S. SHIVANI

**Scenario:**

Monitoring child location



**Entice**

How child location is monitored?



**Enter**

How message is been notified to user?



**Engage**

In the core moments in the process, what happens?



**Exit**

What do people typically experience as the process finishes?

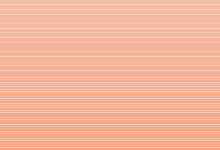


**Extend**

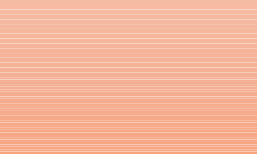
What happens after the experience is over?

Chart, sunburst chart

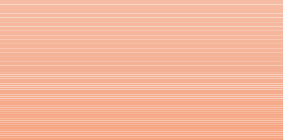
Description automatically generated **Steps**



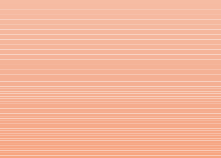
Updating of child location



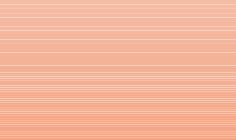
Location of child sent periodically



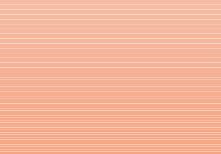
Review of application



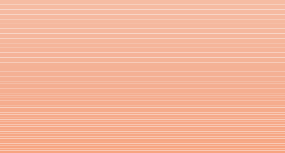
Alert parents



Create a web application



Parent can create geofence



Check whether child is inside geofence

A picture containing text

Description automatically generated**Interaction**



Connection

terminated when gps is of

Guiding child

Interacting with child

Parent needs are meet

Regular updates

Setting geofence

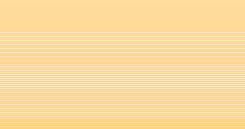
Regular monitoring

Geofence need to be set

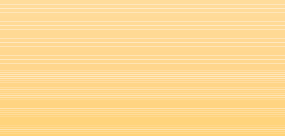
**Goals and motivation**



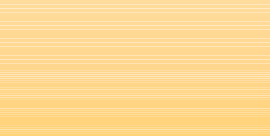
Monitori ng child



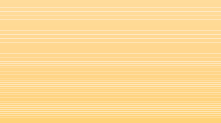
Prevent child missing



Notifying when child crosses geofence



Taking care of child in absence



Location is sent



Geofence

location is

set

Icon

Description automatically generated**Positive moments**



Happy parents



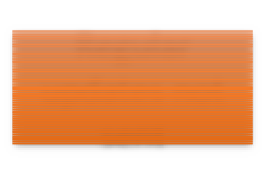
Child taken care without caretaker



Less expensive



User friendly



Regular

updates

Regular

updates not sent



More features to be added

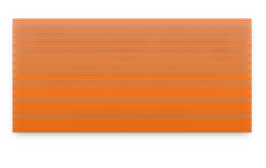
**Negative moments**



Alert sound is not given



GPS location is not proper



Message along with location not sent

Icon

Description automatically generated**Areas of opportunity**

Reviews may not ask

frequently

Where no one is able to take care of child

Alternate options

if message not sent

Alert sound

along with massage

In absence of caretaker

Periodic updates of child location