# BRAIN STORMING SESSION

## 1.DEFINING PROBLEM STATEMENT:

> 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 particular 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.

### BRAINSTORM:

PRAKASH A

Excessive worries of parents regarding their children.

Some hazardous rays causes health issues to the child

GPS device is not very accurate in giving locations. Accuracy problem like sudden jumps or movements even if the child is placed still.

Alerting parent when the child passes a range

KEERTHIVASAN U

Device heat may affect the child and causes health issues.

We can only view the last active location of the children.

If you are using GPS on battery operated device there could also be battery failure and you will need a external power supply ,it is not always possible

If the child gadget is affected due to any climatic condition .It causes mental illness to parents.

MUGUNDHAN M

Body temperature pulse rate may be incorrect sometimes.

If the GPS tracking is lost ,the location of the child is unidentified ,so we are forced in search of other way...

Issues conserving with accuracy takes place

maintain a record of the child's location

UMA MAKESAN A

When the database crashes, the malfunction of gadgets may occur

When the child unknowingly leaves the gadget somewhere , the location will be mistracked

Regular monitoring of the performance is difficult

To reduce interrupt and to get correct information , we need advanced components

## 2. GROUP IDEAS:

Based on location:

> *GPS device is not very accurate in giving locations. Accuracy problem like sudden jumps or movements even if the child is placed still.
> *As with any GPS enabled device there is risk and concern of hacking which is insecure for the child.
> *The device should be built in such a way that the child's location access is only in the hands of the parent/guardian.

Based on data:

*Maintain a record of the child's location

*Ensure a secure database

*Geofencing child's location.

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## 3. PRIORITIZE: