Ideation Phase
Brainstorm & Idea Prioritization

Date	19 September 2022
Team ID	PNT2022TMID21372
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	4 Marks

Step-1:Team Gathering,Collaboration and Select the Problem Statement:

We have followed the first step of brainstorming ,we have discussed as a team to decide a problem statement .

As per the guideline the following is done
1. Team Gathering
2. Collaboration
3. Deciding the problem statement

PROBLEM STATEMENT

To create a smart wearable device for children that uses advanced technology to ensure their safety all the time.

Step-2: Brainstorm, Idea Listing and Grouping
BRAINSTORMING:

TEAM MEMBER	MEMBERS OPNION	IDEAS
HARSHAVARDHINI	MAY GIV...	Collecting location information and give message to parents
HARIPPRIYADHARSHINI	GOOD	Collecting location from GSP and gives alert through message when the any bad things met.
HITHAYATHUN NIHMA	BEST ‣	Collecting location and reporting to the parents through application
KAURI SHEETAL P	COSTLY	Make a smart watch or bracelet and collect all the information and reporting to parents through application

BY GROUPING IDEAS:

➢ We have planned to use GSP for detecting location and to sent the message parents we can use GSM or Cloud.
➢ The location will be shared in application or as message to parents
➢ The notification is also sent incase of emergencies

Step-3: Idea Prioritization:

Prioritization Matrix

1) Using location trackers like GPS inorder to detect the location of the child.
2) The GPS are connected to IOT application inorder notify the parents
3) Use other sensors if required for the particular application as temperature,heart beats etc.
4) Using automation without the knowledge of parents or human resource