

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNP2022TMID46762
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	2 Marks

Problem Statement Template:

The child needs to be monitored even when the parents are distracted. A momentary lack in parental supervision should be combated with an appropriate IT solution in context. The child needs to stay generally within the line of sight. It is necessary for the proposed system to alert the parents when the child walks too far away and outside the „circle of safety“ (generally the parents“ line of vision), even if the parents are distracted.

If the child does go missing, the aid of technology can increase efficiency and decrease the time necessary to locate the child. The child needs to be located, only at the will of the authorized persons (the parents). Once there is data available about the location of the missing child, this data needs to be displayed as information that the parents can easily understand and use.

I am	Describe the customer and the attributes	Child development incorporates four main characteristics that can be assessed at each stage of a child's milestones. These characteristics are physical, intellectual, emotional and social
I'm trying to	List the thing they are trying to achieve	Research shows that teaching children about personal safety: Reduces the likelihood of a child entering into an unsafe situation. Clearly demonstrates how to respond to an unsafe situation. Increases a child's sense of confidence and in doing so increases their resiliency.
But	Describe the problems or barriers that get in the way	There is little accountability of social care workers involved in case. In other words social workers are not held to account by others outside their department.
Because	Describe the reason the problems or barrier exist	Court cases that involve child protection are heard privately so there can be no public scrutiny of procedures
Which makes me feel	Describe the emotions the result from experiencing the problems or barriers	Limits and boundaries ,control, availability, mistakes, routines and schedules

Reference: https://essay.utwente.nl/73728/1/Kem%C3%A9ny_Bsc_EWI.pdf

Example:

