

VSB Engineering College,Karur-639111
Department of Electronics and Communication Engineering
Nalaya Thiran
IDEATION

DOMAIN NAME : INTERNET OF THINGS

TITLE : IoT Based Safety Gadget for Child Safety Monitoring and Notification ideation

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Sarumathi J

Shooriya prabhaa S

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Problem Statement:-

THE MAIN OBJECTIVE OF THIS SYSTEM IS TO PROVIDE THE SAFETY TO CHILD WHICH IS LOST IN MAJOR CROWDED AREA. NOW A DAY, CHILDS ARE NOT SECURED THEY ARE FACING MANY ISSUES REGARDING THEIR SECURITY. THERE ARE NUMBER OF SECURITY SYSTEMS FOR THE CHILD SECURITY PURPOSE. IN ORDER TO OVERCOME SUCH PROBLEMS THE CHILD SAFETY WEARABLE SYSTEM IS IMPLEMENTED. THIS SYSTEM IS NOT REQUIRED ANY EXPENSIVE TECHNOLOGY AND IT IS USER FRIENDLY FOR BOTH EDUCATED AND UNEDUCATED PEOPLE. THERE ARE MANY WEARABLE DEVICES ARE AVAILABLE IN THE MARKET TO TRACK THE CHILD USING WI-FI AND BLUETOOTH BUT THE WI-FI AND BLUETOOTH ARE THE UNRELIABLE MEDIUM FOR THE COMMUNICATION BETWEEN PARENT AND CHILD. IN THIS SYSTEM WE USE THE TEXT SMS AS A MODE OF COMMUNICATION BETWEEN PARENT AND CHILD THERE IS

Sindhuja J

We can use sensors for detecting heartbeat and temperature of the child.

We can use the GPS and GSM to track the live location.

Sangeetha R

Using mobile mini mobile setup will help to send the SMS to parents.

We can use sensors to turn on the mic of the child side.

Sarumathi J

We can use the aurdino for microprocessing

We can use UNO coding for process

Shooriya prabhaa S

We can use cloud to store the monitoring data of the children.

We can use Wi-Fi module to send the monitoring data.

Final Ideas:-

We can use sensors for detecting heartbeat and temperature of the child and we can use the GPS and GSM to track the live location. We can use the aurdino for microprocessing. Using mobile mini mobile setup will help to send the SMS to parents. We can use cloud to store the monitoring data of the children.