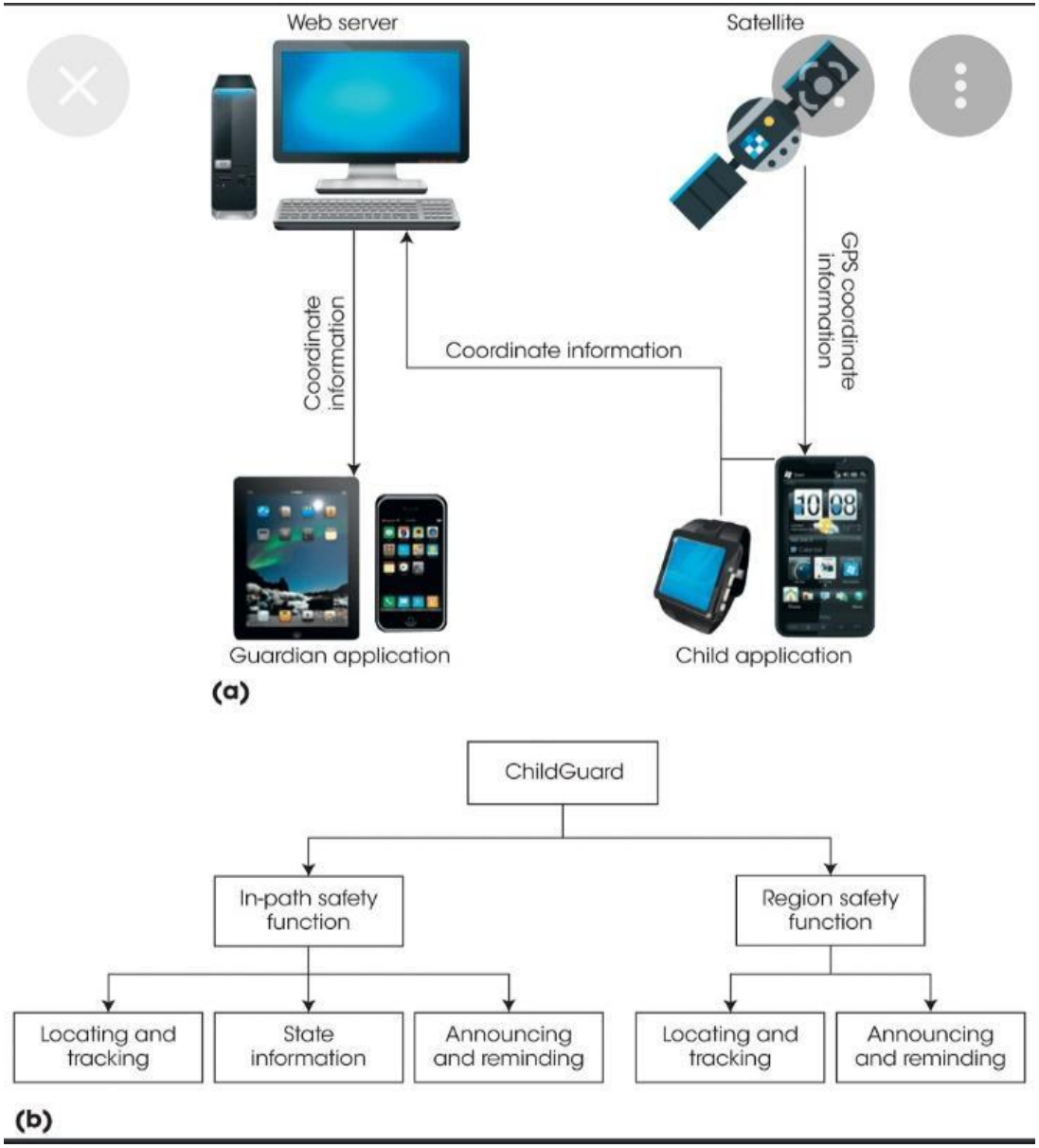
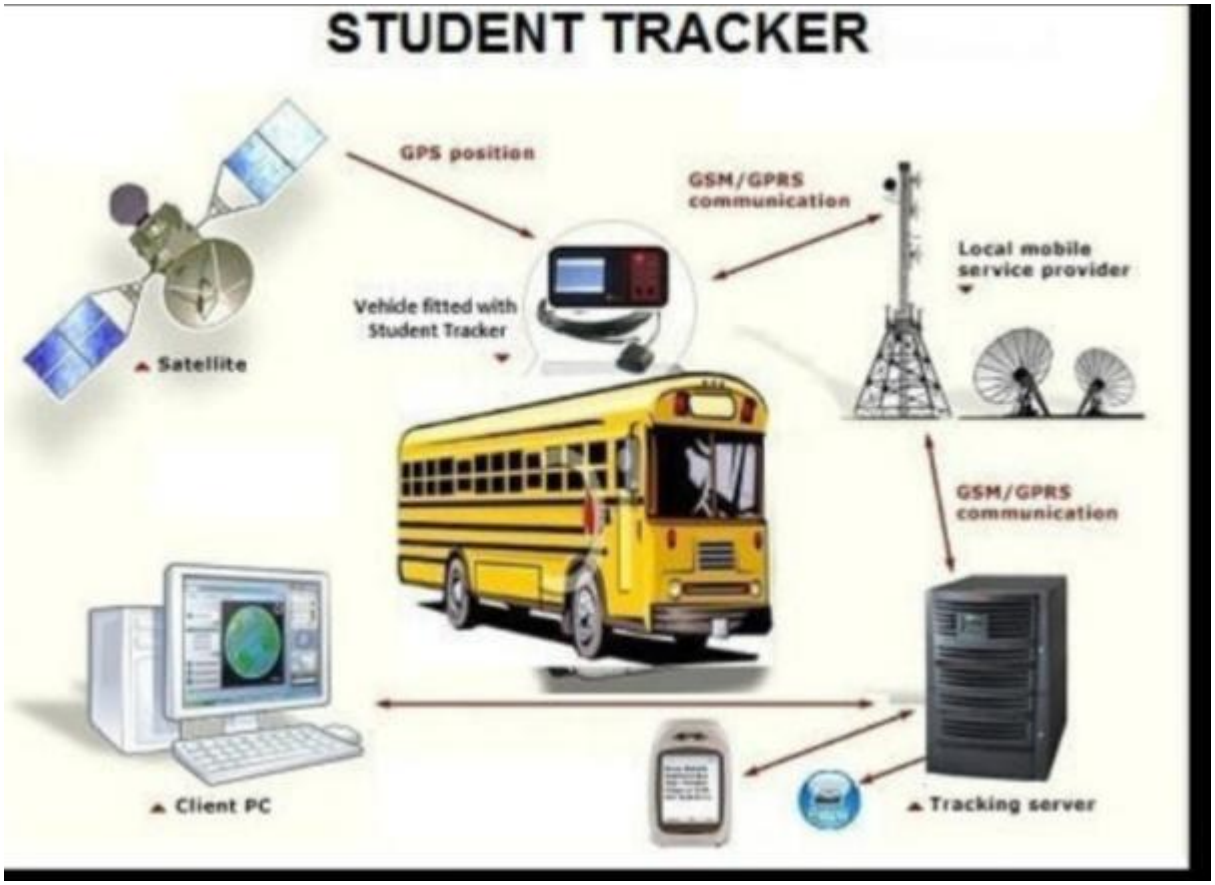
Project Development – Delivery of Sprint-3

Date	22 November 2022
Team ID	PNT2022TMID14548
Project Name	IOT based child safety Gadget monitoring and notification
Maximum Marks	8 Marks

Basically, children cannot complain about abusements which they face in their daily life to their Parents. They can't even realize what actually happens to them at their age. It is also difficult for Parents to identify their children are being abused. Since to prevent children before being attacked, an Autonomous real-time monitoring system is necessary for every child out there. In this system, the Collected values from every sensor like temperature sensor, pulse rate detection sensor, metal detection Sensor, and the location value from GPS are used to detect the status of the child and alerts the Respective guardians using GSM accordingly.


Web server
Satellite
Coordinate information
Coordinate information
GPS coordinate information
Guardian application
Child application
(a)
ChildGuard
In-path safety function
Region safety function
Locating and tracking
State information
Announcing and reminding
Locating and tracking
Announcing and reminding
(b)

A portable device which will have a pressure switch. As soon as an assailant is about to attack the Person or when the person senses any insecurity from a stranger, he/she can then put pressure on the Device by squeezing or compressing it. Instantly the pressure sensor senses this pressure and a Conventional SMS, with the victim's location will be sent to their parents/guardian cell phone numbers Stored in the device while purchasing it, followed by a call. If the call is unanswered for a prolonged Time, a call will be redirected to the police and the same message will be sent. Additionally, if the Person crosses some area which is usually not accessed by the person then a message with the real-time



RFID-based System for School Children Transportation Safety Enhancement

This paper presents a system to monitor pick-up/drop-off of school children to enhance the safety of

Children during daily transportation from and to school. The system consists of two main units, a bus

Unit, and a school unit. The bus unit the system is used to detect when a child boards or leaves the bus.

This information is communicated to the school unit that identifies which of the children did not board

Or leave the bus and issues an alert message accordingly. The system has a developed web-based

Database-driven application that facilities its management and provides useful information about the

Children to authorized personnel. A complete prototype of the proposed system was implemented and

Tested to validate the system functionality. The results show that the system is promising for daily

Transportation safety.

Parents need not have a smart mobile. Set of keywords are used to gain information from the kit.

LOCATION keyword is used to obtain the location of the child. UV keyword is used to obtain the

Temperature of the surroundings. BUZZ keyword is used to turn on the buzzer which is fixed in that

Device. SOS is used to send a signal to the device.

D. Smart Intelligent System for Women and Child Security

A portable device which will have a pressure switch. As soon as an assailant is about to attack the

 # Multiplication table (from 1 to 10) in Python

Num = 12

 # To take input from the user

 # num = int(input(“Display multiplication table of? “))

 # Iterate 10 times from I = 1 to 10

For I in range(1, 11):

Print(num, ‘x’, I, ‘=’, num*i)

Output

12 x 1 = 12

12 x 2 = 24

12 x 3 = 36

12 x 4 = 48

12 x 5 = 60

12 x 6 = 72

12 x 7 = 84

12 x 8 = 96

12 x 9 = 108

12 x 10 = 120