Problem-Solution fit canvas 2.0

Purpose / Vision

Define CS, fit into

1.CUSTOMER SEGMENTS : `CS`

- Parents
- Women requiring rescue

5.CUSTOMER CONSTRAINTS : `CC`

- Power
- Price
- Proportion
- Processing
- Place

8.AVAILABLE SOLUTIONS : `AS`

Currently, the child's alert commands are recognized by a voice recognition module in the system. Are maintained and stored for future reference. When the same child issues the same command, the system compares it to the alert command that was previously saved and sets the emergency level in accordance with the alert command. The GSM has a SIM that is used to call or send an alarm message to a trusted party peoples. When necessary, GPS is used to track the current location. The server will look through corresponding device ID from the database and use that device ID to look for corresponding contacts. Additionally, it aids in warning the registered guardians.

Explore AS,

Focus on J&P, tap into BE, understand

2.JOBS-TO-BE-DONE / PROBLEM : `J&P`

Child Safety Monitoring & Notification device based on IOT.

6. PROBLEM ROOT CAUSE : `RC`

Approximately 80% of child abuse cases reported globally now involve minors.74% of them are girls, with the remaining children being boys. A child goes every 40 seconds absent from this planet. If one's nation is to succeed, its future depends on its offspring was impacted, it would have an effect on the country's overall development. As a result of the abuses, The children's emotional and mental health suffers, which harms their job prospect and the foreseeable future. The things that happen to these defense less kids are not their fault. So ,the upbringing of one's own children is the responsibility of the parent. Yet, because of economic parents are compelled to desire and concentrate on their child's future and job.

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9. BEHAVIOUR `BE`

This project illustrates the use of an IoT smart gadget for child protection and tracking, to aid parents in locating and keeping an eye on their children An alarm will sound if the sensor detects any unusual readings. A phone call and SMS are sent to the parents mobile. Also, through the cloud, updates were made to the parental app. The device is fitted for sending and receiving with GSM and GPS modules receiving calls and SMS between the parental phone and the safety device. The system also includes a Wi-Fi module for use in IoT and communicate every parameter being watched to the cloud for Android app parental phone surveillance.

Focus on J&P, tap into BE, understand

3.TRIGGERS : `TR`

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7. YOUR SOLUTION `SL`

Android-based remedy for real-time monitoring of youngsters by their parents. Various gadgets are connected via internet channels with a single device. The concerned gadget has an internet connection to the server.

10.CHANNELS of BEHAVIOUR `CH`

1. **ONLINE**
   - IOT Application
   - Smart device
   - Arduino IDE
   - Android Studio

8.2 OFFLINE
- Arduino Mega [ATMEGA 2560].
- GSM SIM 800C.
- GPS Neo 6m.
- 20X4 LCD.
- I2C LCD Driver

Extract online & offline CH of

Identify strong TR &

4. EMOTIONS: BEFORE / AFTER: `EM`

. Each and every parent should take care of their own children, without letting them to fall into the dark world of abusement, which entirely ruin them physically, mentally and emotionally destroying our future. Hence, considering the importance of our future.

⭐ AMALTAMA