

Proposed Solution

Approximately 80% of all reports of child abuse are made nowadays, with 74% of the victims being girls and the remaining 20% being males. The emotional and mental stability of the children is compromised as a result of the abuse, ruining their futures and careers. The things that happen to these defenseless kids are not their fault. So to ensure the realization of children's rights to grow up in a family environment, protected from violence, abuse, and exploitation we are in need of a child safety monitoring system.

The proposed solution suggests a compact wearable gadget with a pressure button. The user can apply pressure to the device by squeezing or pressing it as soon as an attacker is preparing to attack the person or as soon as the person senses any insecurity from a stranger. Instantaneously the pressure sensor detects this pressure, and a call is placed to the victim's parent or guardian's mobile phone numbers that were fed into the device as emergency contacts, along with a regular SMS that includes the victim's location. The identical message will be delivered to the police if the call goes unanswered for an extended period of time. Further, a message with the person's current location is sent to the parent or guardian's phone by standard SMS if the child goes out of range that is set by the parent or guardian.