**Project Title: IoT Based Safety Gadget For Child Safety Monitoring And Notification Project Design Phase-I** - **SolutionFit Team ID:** PNT2022TMID51128

The parents of the children that attend our business are all under the age of 16.



**Children with disabilities, Microcephaly, and malnutrition are also among our clients.**The majority of gadgets employ low power consumption devices, and power consumption is quite low.

In addition, lithium-ion batteries are recharged using solar batteries.

The device could be inexpensive to purchase.

Install the best antenna possible in the device, and reset the router at least once a month to ensure a constant internet connection.

Use the least expensive material possible to make.

Utilize improved GPS connections and location services management.

Does the device has reliable GPS and internet connectivity?



whether the device has a constant power

source.

What if the device endangers children's health?

Can we purchase the device at a reasonable price?

Devices suffer harm as a result of faulty production.

The epidemic and several humanitarian crises have led to an upsurge in violence against children.

Children with mental illnesses may get lost finding their way home.

The advantages of this technology and its use simplify life.

Children's mental insecurities will be eliminated.

1. **TRIGGERS TR**



What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.

Obtaining information on the device from official websites and newspaper adverts.

1. **EMOTIONS: BEFORE / AFTER EM**

How do customers feel when they face a problem or a job and afterwards?

i.e. lost, insecure > confident, in control - use it in your communication strategy & design.

Before: When there are issues with a child's security, parents may feel uneasy.

Following: parents may feel liberated and able to do their tasks without concern.

There will be no more insecurity.

1. **YOUR SOLUTION SL**

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.

If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

The parents of the youngsters are relieved to have constant watch over them.

The whereabouts of disabled youngsters can be tracked.

The children's pulses will be tracked, and steps will be taken as necessary.

* 1. **CHANNELS of BEHAVIOUR CH**
     1. **ONLINE**

What kind of actions do customers take online? Extract online channels from #7

* + 1. **OFFLINE**

What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

Online: We may access the internet by installing a sim card in the device. Sim cards can be used to access location.

Offline: GPS services provide location access by establishing a satellite connection.