Project Title: IoT based safety gadget for child safety Monitoring & notification

Project Design Phase-I - Solution Fit Template

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<table>
<tr><td rowspan="2" style="writing-mode:vertical">Define CS, fit into CC</td><td>

1. CUSTOMER SEGMENT(S) `CS`

Who is your customer?

Parents are the primary consumers. Those who are employed, so it
a challenge for them to keep an eye on their youngster,
Additionally, it is beneficial for parents who are not sufficiently educated to care for their children.
may spread knowledge in the future. It would be simple for them to handle their children's security i.e., parents with young children (0–5) who work. kids
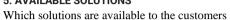
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6. CUSTOMER CONSTRAINTS `CC`

What constraints prevent your customers from taking action or limit their choices?
The potential restrictions on spending power include
be scaled back, more affordable, and chances
a number of issues were brought on by technical inefficiencies.

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5. AVAILABLE SOLUTIONS `AS`

Which solutions are available to the customers when they face the problem?

Consequently, there are numerous options.
widely accessible in the marketplace, such as angel tracking device, Child GPS Tracking system, a GSM kit for child safety, etc., one
Cost is one restriction that buyers experience.
and shortcomings in the way the work is done
bought, however they're uncomfortable for children should regularly wear them.

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

To improve the system's operational state,

created solution in the absence of

intended to address any issue at any

at a certain time so that child safety can

be quite confident. Assuring the parents

that their monitoring of their kids

cannot ever be removed.

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9. PROBLEM ROOT CAUSE `RC`

What is the real reason that this problem exists? What is the back story behind the need to do this job?

The major motivation is to prevent missing children as well as child abuse, children are sold as a result of being kidnapped for profit additionally, reports of child abuse are rising by day.
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7. BEHAVIOUR `BE`

What does your customer do to address the problem and get the job done?

The suggested remedy is constantly eager to make the device operates effectively so that it is not inefficient. presumed to comply with any further restrictions. The solution also aims to make sure that it is effective.
Functionalities must be made fully available to the clients

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3. TRIGGERS TR

What prompts consumers to take action? i.e.,
observing solar panels being installed by
their neighbor learning about a more
practical approach in the news. Every time
the child passes its geofence, the parent
receives the alert, and performs
appropriately.

4. EMOTIONS: BEFORE / AFTER EM

Parents (or consumers) are angry because them
Before utilizing the device, check to see if the kids are safe.
made using. Once they begin utilizing the created remedy,
they could feel liberated and be able to stop worrying about
their child concentrate on their work while keeping an eye on
their children could appear at any time with ease

10. YOUR SOLUTION SL

We have been working diligently to create an
effective way to fix all the problems that the
Existing remedies are ineffective. We put a lot of stock
demand that the effective functioning of the
Creating the module in such a way that it would never fail.

8. CHANNELS of BEHAVIOUR CH

8.1 ONLINE What kind of actions do customers
take online? The customer constantly monitors
his/her child and gets access to their location. The
customer gets a notification when something
suspicious activity occurs.
8.2 OFFLINE What kind of actions do customers
take offline? We may try to apply some more
technologies to track the child while in the offline.
After tracking the child's activity, the customer
goes to the specified location whenever the child
crosses the geofence.

Identify strong TR & EM