

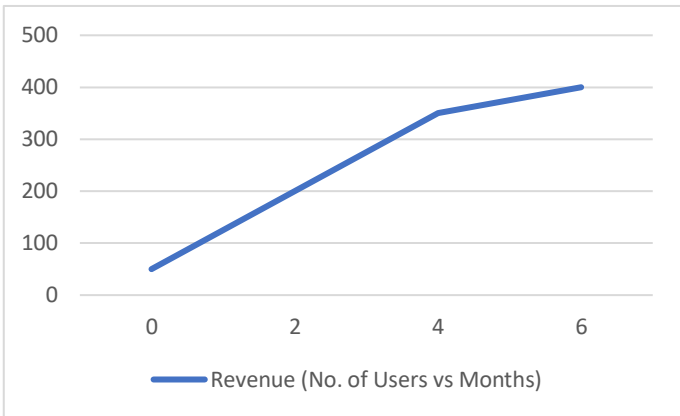
Project Design Phase-I
Proposed Solution Template

Team members	Pooja.S,Poovizhi.S Rithika.R,Rohinth.S
Project Name	Project – Iot Based Safety Gadget for child safety monitoring and notification.
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<p>The general level of kid abusements documented these days on the planet is around 80%, out of which 74% are young lady kids and the rest are young men. For like clockwork, a kid disappears in this world. Youngsters are the foundation of one's country, assuming the eventual fate of kids was impacted, it would influence the whole development of that country. Because of the abusements, the profound and mental strength of the kids gets impacted which thus ruins their vocation and future. These guiltless kids are not answerable for what befalls them. Along these lines, guardians are answerable for dealing with their own youngsters. Be that as it may, because of monetary condition and plans to zero in on their kid's future and vocation, guardians are compelled to long for cash. Consequently, it becomes hard to grip on to their youngsters constantly.</p>
2.	Idea / Solution description	<p>In our framework, we give a climate where this issue can be settled in an productive way. It makes guardians to effectively screen their youngsters continuously very much like remaining alongside them as well as zeroing in on their own vocation with next to no manual mediation. In this framework, the gathered values from each sensor like temperature sensor, beat rate identification sensor, metal discovery sensor, and the area esteem from GPS are utilized to identify the situation with the kid and cautions the particular watchmen utilizing GSM appropriately.</p>

3.	Novelty / Uniqueness	<ul style="list-style-type: none"> ▪ Empower following of the youngster's area and catching of information somewhat like temperature, beat, respiratory rate, nature of rest and some more. To show the kid's genuine information with reference values. ▪ Empower sending of warning assuming the youngster is out of area or when the gadget acknowledges strange conditions/circumstances. ▪ To set off the alert and empower programmed video recording at whatever point the crisis button is squeezed. Then, at that point, crisis notice alongside ongoing video will be shipped off and show in the guardians' versatile applications. ▪ Foster a model of IoT wearable savvy band associated with guardians' versatile applications so they can screen the real state of kids at whenever also, wherever.
4.	Social Impact on Iot based systems / Customer Satisfaction	<ul style="list-style-type: none"> ▪ No need of monitoring the children all the time. ▪ It helps you save lots of time. ▪ By boosting the consumer experience overall, IoT can help strengthen customer relationships. ▪ Identify maintenance requirements quickly, create better products, provide tailored communications, and more. ▪ IoT may also boost sales and make ecommerce companies successful. It creates a prosperous society.

5.	Business Model (Revenue Model)	 <p>The graph illustrates the revenue model over a six-month period. The x-axis represents time in months (0 to 6), and the y-axis represents revenue (0 to 500). The revenue starts at 50 at month 0, increases to 200 at month 2, 350 at month 4, and reaches 400 at month 6.</p> <table><tr><th>Months</th><th>Revenue</th></tr><tr><td>0</td><td>50</td></tr><tr><td>2</td><td>200</td></tr><tr><td>4</td><td>350</td></tr><tr><td>6</td><td>400</td></tr></table>	Months	Revenue	0	50	2	200	4	350	6	400
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0	50											
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6.	Scalability of the Solution	Scalability in child safety monitoring refers to a system's ability to expand its capacity, such as the number of technological components like sensors and actuators, while allowing for prompt analysis.										