

SYNOPSIS OF THE PROJECT

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Project Title	IoT based Smart Cradle System
<p>Brief Description of Project:</p> <p>Since we are in the twenty first century, most parents of small children are working. They might have work to be done at home too. So simultaneously doing work and monitoring the baby could be hard and tiresome. So, for helping these parents we are developing a cradle which consist of many useful features. Cradle system has ability to send alert when baby is crying and can also swing upon command to soothe the baby. Cradle system also gives alert when baby does potty in the cradle. Cradle also has the ability to send alert regarding body temperature of the baby to detect illness. Motion sensor is installed to track and check the motion of the baby. For live monitoring the baby, a camera is also attached to the cradle which has night vision capabilities. The whole medical data is collected and stored in a database which is accessible by the parents to show to pediatrician.</p>	
Platform	IoT
Front End Tools	Android Blynk App
Back End Tools	Arduino Programming

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