IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

INTRODUCTION:

Supervision of children on a 24-hour basis is not easy, with busy parents who always change and come to make children always can not be supervised directly by parents. One way to always supervise the child directly is to make sure the child is always near the parents. But this is not good because children need to establish relationships with the outside world and interact with other children. Supervising children when they are doing outside activities is a necessity to maintain children's safety. Therefore parents need a way of monitoring the child to facilitate the supervision of children. Monitoring means establishing guidelines and limits for children to keep track of what is happening to the social world of children.

LITERATURE SURVEY:

S.NO	PAPER TITLE	AUTHOR(S)	MONTH/YEAR	METHOD/ IMPLEMENTATION TECHNIQUES	RESOURCE LINK
1	IoT Based GPS tracking system with SOS Capabilities	Reuben O Jacob Dept of Electronics and Instrumentation, Ramaiah Institute of Technology, Bangalore, India Shoaib M Alyaan Dept of Electronics and Instrumentation, Ramaiah Institute of Technology, Bangalore, India K Nikitha Dept of Electronics and Instrumentation, Ramaiah Institute of Technology, Bangalore, India H.S. Niranjana Murthy Dept of Electronics and Instrumentation, Ramaiah Institute of Technology, Bangalore, India	March 2022	1.COLLABRATIVE FILTERING 2.CONTEXT AWARE 3.MATRIX FACTORIZATION 4.GROUP RECOMMENDATION 5.PRODUCT RECOMMENDATION 6.USER CENTRIC RATING 7.PREDICTION	https://ieeexplore.ieee.org/document/9752019/references#references
2	Tracking and interviewing individuals with GPS and GSM	K Matthias and German Aerospace	2004	1.KNOWLEDGE BASED 2.FEATURE SELECTION 3.NEURAL NETWORK 4.GROUP DECISION 5.SUPPORT VECTOR	https://scholar.google.com/scholar?as_q=Tracking+and+interviewing+individuals+with+GPS+and+GSM+technology+on+mobile+electronic+devices&

					as_occt=title&hl=en&as_sdt=0%2C31
	technology on mobile electronic devices				
3	Design and implementation of vehicle tracking system using GPS/GSM/ GPRS technology and smartphone application	L SeokJu, Girma Tewolde and Jaerock Kwon	2014	1.RECOMMENDER 2.COLLABRATIVE FILTRERING 3.LEARNING TO RANK 4.NEUERAL NETWORK 5.USER PREFERENCES 6.DEEP LEARNING 7.ONLINE LEARNING	https://scholar.google.com/scholar?as_q=Design+and+implementation+of+vehicle+tracking+system+using+GPS%2FGSM%2FGPRS+technology+and+smartphone+application&as_occt=title&hl=en&as_sdt=0%2C31
4	Children location monitoring on google maps using GPS and GSM technologies	S Dhiraj, LP Pottabathini and B Ayesha	2016	1.SUPPORT SYSTEM 2.DECISION MAKING 3.DECISION SUPPORT SYSTEM 4.INFORMATION SYSTEM 5.SUPPLY CHAIN	https://scholar.google.com/scholar?as_q=Children+location+monitoring+on+google+maps+using+GPS+and+GSM+technologies&as_occt=title&hl=en&as_sdt=0%2C31