



## AIUB DSpace Publication Details

Title	IoT Based Health Monitoring System and Its Challenges and Opportunities		
Author(s) Name	Mohammad Nuruzzaman Bhuiyan, Md. Masum Billah, Dipanita Saha, Md. Mahbubur Rahman, Mohammed Kaosar		
Contact Email(s)	billah.masumcu@aiub.edu		
Published Journal Name	AI and IoT for Sustainable Development in Emerging Countries		
Type of Publication	Book Chapter		
Volume	105	Issue	0
Publisher	SpringerLink		
Publication Date	January , 2022		
ISSN	978-3-030-90618-4		
DOI	<a href="https://doi.org/10.1007/978-3-030-90618-4_19">https://doi.org/10.1007/978-3-030-90618-4_19</a>		
URL	<a href="https://link.springer.com/chapter/10.1007/978-3-030-90618-4_19">https://link.springer.com/chapter/10.1007/978-3-030-90618-4_19</a>		
Other Related Info.	Page 403-415		





## AIUB DSpace Publication Details

### Abstract

With the incarnation of novel COVID-19, health care is getting more preference in each country. IoT-based health monitoring systems might be the best option to monitor infected patients and be helpful for elderly population. In this paper, analyzed different IoT-based health monitoring systems and their challenges. Searched through established journal and conference databases using specific keywords to find scholarly works to conduct the analysis. Investigated unique articles related to this analysis. The selected papers were then sifted through to understand their contributions/research focus. Then tried to find their research gap and challenges, created them into opportunities and proposed a GSM-based offline health monitoring system that will conduct with the healthcare providers through communication networks. Hopefully, this model will work as an absolute pathway for the researchers to establish a sustainable IoT-based health monitoring system for humankind.

