IoT Applications in Healthcare: An Outline
KIE-34106 Academic Writing in English

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1 Introduction

- Background on IoT and wearable tech, their growth in recent years etc
- Current challenges in healthcare

2 Body

- Go further into the ideas and theory behind IoT
- Current state of the tech and existing applications
- How these and coming applications can help with the challenges mentioned in the intro
- Cover (probably lightly) the social and ethical issues with widespread data collection and monitoring

3 Conclusion

- summary of the body of the text
- visions of the future

4 Literature

- Article [1] is a pretty good intro to IoT, and can be used in the intro part and also throughout the text
- Article [2] forms a good basis for my text, with ideas and examples on applications in healthcare

Viitteet

[1] J. Gubbi, R. Buyya, S. Marusic ja M. Palaniswami, "Internet of things (iot): A vision, architectural elements, and future directions", *Future Generation Computer Systems*, vol. 29, nro 7, s. 1645–1660, 2013, Including Special sections: Cyber-enabled Distributed Computing for Ubiquitous Cloud and Network Services &; Cloud Computing and Scientific Applications — Big Data, Scalable Analytics, and Beyond, ISSN: 0167-739X. DOI: http://dx.doi.org/10.1016/j.future.2013.01.010. url: //www.sciencedirect.com/science/article/pii/S0167739X13000241.

[2] N. Bui ja M. Zorzi, "Health care applications: A solution based on the internet of things", teoksessa *Proceedings of the 4th International Symposium on Applied Sciences in Biomedical and Communication Technologies*, sarja ISABEL '11, Barcelona, Spain: ACM, 2011, 131:1–131:5, ISBN: 978-1-4503-0913-4. DOI: 10.1145/2093698.2093829. url: http://doi.acm.org/10.1145/2093698.2093829.