**Literaturę**

This master thesis is about Internet of Thing in medical informatics and telemedicine with approach to design patient alarm system . first I will declare that why we need patient alarm system and what are the specification of current alarm system in the world and after you will find why this system made and what is the aim of this system and comparison this system with other systems which now using in the world .

Patient alarm system are one of most important insure In field of medical informatics and telemedicine .these systems get and process alarm of patient monitor devices and send several notification to doctor and nurse to perform necessary jobs which is related to patient health . so this is the aim of patient alarm systems and why it is important in field of medical informatics .

Now we see and describe some property of patient alarm systems; this system has several interfaces which connected to patient monitor devices and some other devices under network layer . these system get alarm from patient monitor and send notification to doctors and nurses . by the commercial rule of biomedical equipment companies all the devices and technology in field of medical informatics and telemedicine are close source ,it means that do body from outside of company knows the technique and code or software which used in this device .in the other word some patient alarm system which now currently use in the world only compatible with several range of patient monitor devices because the source code of these software are close source and written in the form of compatible with several patient monitors devices . so this is limitation for available patient monitor systems in the world.

Aim of this master thesis project is about designing patient monitor system which is applicable for all kind of patient monitor system in the world . also other issue which is most important thing in medical informatics is data security . this system will have high several new authentication for methods for data security .

This software use several technique for implementing all aspects of software including security,database,User interface design and other part of software .

Main aim of this thesis is about design and analysis of patient monitor system which have high level of security and can be install in any patient monitor devices .

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