

Abstract

The rapid growth of information communication technology (ICT) usage, is an advantage for future world, it brings benefits for all kind of business or affairs that are running nowadays. ICT growth created a dependency of RM, achieving goals nowadays in all fields depends on smart, strategic, planned usage of ICT.

The aim of this thesis is to provide an appropriate solution for risk management (RM) to healthcare organization, which is dealing with huge amount of digital information, processes and transfers them using ICT systems.

Risk management (RM) has gained a huge importance by ICT development, this thesis covers the main steps, which are important to have a good RM strategy and understanding.

Thesis covers different topics of RM, focusing on implementing RM into organization project management's process, assessment of risk, mitigation, using different approaches claimed by experienced organizations.

Thesis proposes to design a product, for making direct changes into organization's life cycle, via touching an essential topic, which is RM in order to create strong document for planning and implementing risk management approaches for secure reliable and private.