

Development and implementation of information systems – copyright and related aspects

Abstract

This thesis “Development and implementation of information systems – copyright and related aspects” as indicated in its title focuses on copyright and related aspects which are relevant in information systems development and implementation projects. The thesis is divided into seven chapters.

After the first chapter which is an introduction the second chapter follows in which the author provides the main definition of this thesis – information system as well as other terms which this thesis utilizes and legal definitions cannot be relied upon. Computer programs are focused on the most in this thesis but other parts of information systems are mentioned as well (particularly databases, graphic user interface and other parts). Chapter three follows with definitions of the most important parts of information systems and means of their protection by the law. One of the subchapters is dedicated to the topic of forms of computer program as the key part of an information system, limitations of author’s rights as well as databases. The thesis also offers ideas concerning impact on copyright when using the modern machine learning technology.

The fourth chapter describes relevant copyright aspects regarding development of information systems, particularly copyrighted inputs of other persons – employees or subcontractors (natural or legal entities). The chapter also deals with the topic of assignment of the right to exercise property rights including an analysis focused on impacts to already granted licenses as well as the topic of open source software and structuring of the delivery price not only in cases when open source software is used but also generally within a complex delivery which includes licenses to (or other ways of obtaining rights to use) the copyrighted works. The fifth chapter follows and applies the conclusions on activities during the following phase of information systems delivery which is implementation and defines activities which the author understands as implementation.

The sixth chapter describes a license as the main legal instrument of obtaining rights to use the information system. It also deals with the topic of obtaining a source code of a computer program. The thesis is concluded by a brief chapter seven describing the vendor lock-in topic and chapter eight which is a conclusion of the whole thesis.