ACADEMIC YEAR 2012 – 2013

TITLE OF DIPLOMA THESIS:

Study of the Characteristics of the Skillful Project Manager

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ABSTRACT

Project management is a cognitive field that has various applications in different areas and is one of the most important factors that contribute to the economic, technological and social development. The project manager is responsible for the rational application of management methods and for the effective and efficient completion of activities at every stage of the project. In this diploma thesis there is made an attempt to identify and evaluate the most important personality characteristics and the main skills and knowledge that a skillful manager must possess and which will help him to successfully manage the undertaken projects. The study of the characteristics of the skillful project manager is based on collecting data by using an appropriate questionnaire which includes questions concerning personality characteristics and knowledge that a project manager must have. The questionnaire is filled in by a sample of engineers, the answers are inputted into the SPSS software and the data are processed by using descriptive statistics and correlation analysis. The results have shown that the most important personality characteristics of a skillful project manager are the organizational skills, the ability of having perception of the whole picture and the scheduling capability, whilst the less important are friendliness, social consciousness and understanding. The most important expertise is knowledge of project stages and the work breakdown structure (WBS) of the project, whereas knowledge of construction equipment is in the last position. Moreover, the results showed many acceptable correlations and tendencies which indicate the way engineers grade the elements of the survey according to their own personal characteristics. The results of the analyses are interpreted and explained and ways of utilizing and future expansion of the study are suggested.

KEYWORDS

Project manager, Personality characteristics, Skills and knowledge, Descriptive Statistics, Correlation analysis.