

Libraries are important and essential resources for scientific research, work in academic environment and development of our society. Libraries invest vast sums of money to purchase information resources in order to extend their materials and by doing so, satisfying the needs of their readers. Several means to optimize the acquisition policy are utilized. Statistical analysis is one of the significant decisive and control mechanisms which is essential foundation for the vindication of financial expenses, planning for their further use and objective examination of available resources utility. The aim of my diploma thesis is to analyse and to make a proposal and to implement the system which allow facilitation at the scheduling of the investments and to improve the quality of the library materials. At first the focus is dedicated to a processes and techniques which pass over during the acquisition, next obtaining the knowledges significant for the unique demands of applications and analysis. After the preliminary part of analysis this thesis describe the choice of the technologies and my personal concept of application. My tesis is concluded with the implementation and the testing procedure of the resulting application. The result of the implementation is a database application which process the data about the informations resources and about their utilization, next the archiving of this data in database for the further use and at last the proposal of analyses of the data and the statistic outgoing in several formats.