Developing a Decision Support System for University/College Selection Problem for Kuwait

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Abstract

The future of any student depends mostly on choosing the right place to study after graduating from high school. Most high school graduates are lost in choosing their right path. This project helps high school fresh graduates to choose the best university or college in Kuwait based on their preferences. To choose the right place to apply, there are many decisions that should be taken into considerations. Those decisions are related to variety of universities/colleges and the students’ preferred criteria. Decisions upon which university should be chosen depends on a list of criteria’s, this makes it a decision-making system based on multiple criteria. A Decision Support System (DSS) is developed to take this problem into consideration. Analytic Hierarchy Process (AHP) is a Multi Criteria Decision Making (MCDM) process that is chosen to provide alternative solutions for the students based on several criteria’s. Microsoft excel is used in applying AHP, and a Website was built to represent our future business.

Keywords (12 font)
University/college selection problem; Decision Support Systems; Multi-Criteria Decision Making; Analytical Hierarchy Process.

Biographies

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