

Name of product : iProject : Integrated Dss For Final Year Project Evaluation

Researcher details

i) Name : Fadhilah Ahmad, Norliza Ghazali, Elissa Nadia Madi, Ahmad Nazari Mohd Rose, Suhailan Safei, Robiah Ariffin

ii) Email : fad@unisza.edu.my

iii) Contact no. : 010-9094169

Faculty : FIK

Cluster/Area of study : IT

Status of the product : Prototype

Product description :

Final Year Project (FYP) evaluation is an important issue in technology based program especially in Information Technology due to its multi-criteria assessment and the subjective nature of the evaluation. A group of panels and a supervisor for each project are also involved in the process. Therefore, a Decision Support System (DSS) is required to assist not only the supervisor and the panels, but also the students themselves during the process of FYP tenure. The criteria involved include the performance of the student's meeting progress with his supervisor, proposal and final presentations, report documentation, soft skills, and innovative product being produced. DSS acts as a supporting tool in assisting users in recording the presentations, performing a subjective evaluation and reporting, and also acts as a repository for FYP data. In DSS, human intuitions is also taken into consideration especially in the evaluation which involved the subjective criteria which sometimes are fuzzy in nature. Fuzzy criteria makes the evaluation process very intricate and complicated. FYP needs to be carefully evaluated based on these criteria to ensure that the students are rated fairly and be given standardized marks. Based on our study, it can be concluded that iProject should be adopted during the process of FYP.

