

**Universiti Teknologi MARA**

**Reverse Engineering Of  
Integrated Course Registration  
and Scheduling System  
(I-CReSS)**

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*“With the name of ALLAH S.W.T. the Most Beneficent and Most Merciful creator”*

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## **ABSTRACT**

Integrated Course Registration and Scheduling System (ICReSS) is one of the systems from Pusat Sistem Maklumat Bersepadu (PSMB) which was developed in year 2002. This system is used by the schedule committees to create or prepare class schedule and used by lecturers and students to view the schedule. Currently, the user interface for Students' View of the system is poorly designed. The aim of the project is to improve the usability for Students' view of ICReSS and develop proper documentation for the ICReSS. There are three main objectives achieved in this project. The first objective is to specify the user requirements for ICReSS. Secondly, to redesign Students' View of ICReSS by applying usability requirement and the thirdly is to develop Students' View of ICReSS. This project applied reverse engineering process and usability requirements which is one type of non-functional requirements. By reverse engineering ICReSS, the design and documentation could be recovered. Hence, enhancing and maintenance would become easier.

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