Rule Based Classroom Booking System

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Abstract

Online reservation services differ from the traditional method of reservation by enabling the user to make reservations anytime and anywhere, without the need of face-to-face transactions. The current Classroom Booking System (CBS) used in Faculty of Computer and Mathematical Sciences (FSKM) faces several problems as the scheduling of classes is done manually by the administrator. Some of these problems include processing time, data redundancy and inability to track available classrooms. The aim of this project is to analyse, design and develop an automatic rule-based class booking system prototype. This prototype will integrate seamlessly with Integrated Course Registration and Scheduling System (ICReSS) with email being used as notification method. The development tools for this prototype are Hypertext Preprocessor Language (PHP) and MySQL.

Keyword: Software engineering, Rule-Based, Online reservation.

Table of Contents