STUDY OF VARIOUS SCHEDULING ALGORITHMS AND IMPLEMENTATION OF SOCIT COMPUTER LABORATORY AUTOMATED-SCHEDULING SYSTEM

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ABSTRACT

This proposed system is aimed to study and understand in-depth the timetable scheduling process, methods and algorithms, investigate and analyze the existing timetabling process and problems occurred in existing system, design and implement a computerize computer laboratory timetable scheduling system by adopting a suitable solution. Some of the process involved in developing this system are reviewing, where a number of available scheduling algorithms and techniques will be studied, reviewed and documented. Then the current scheduling processes will be analyzed. All the factors, system requirements and domain rules will be identified and documented. The system will then design test and deploy where the whole picture of the system and issues involved will be discussed and documented.