

Examination Scheduling System with Proposed Algorithm

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Abstract : Examination Scheduling System (ESS) is a scheduling system that targets as an exam committee in any academic institute to help them in managing the exams automatically. We present an algorithm for Examination Scheduling System. Nowadays, many universities have challenges with creating examination schedule fast with less confliction compared to hand works. Our aims are to develop a computerized system that can be used in examination scheduling in an academic institute versus available resources (Time, Hall, Invigilator and instructor) with no contradiction and achieve fairness among students. ESS was developed using HTML, C# language, Crystal Report and ASP.NET through Microsoft Visual Studio 2010 as developing tools with integrated SQL server database. This application can produce some benefits such as reducing the time spent in creating an exam schedule and achieving fairness among students

Keywords : examination scheduling system (ESS), algorithm, ASP.NET, crystal report

Conference Title : ICCSE 2017 : International Conference on Computer and Software Engineering

Conference Location : Miami, United States

Conference Dates : March 09-10, 2017