EXAM SEATING ARRANGEMENT

A Project Work Synopsis

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IN

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ABSTRACT

Exam Seat Arrangement system is developed for the college to simplify examination hall allotment and seating arrangement. It facilitates to access the examination information of a particular student in a particular class. The purpose of developing exam hall seating allotment system is to computerized the traditional way of conducting exams. Another purpose for developing this software is to generate the seating arrangement report automatically during exams The scope of the project is the system on which the software is installed, i.e., the project is developed as a web-based application, and it will work for a particular institute. Mostly students are facing many problems for finding the exam hall and their seats respectively.

The aim is to automate its existing manual system with the help of web-based software, fulfilling requirements, so that their data/information can be stored for longer period with easy accessing and manipulation of the same. Basically, the project describes how to manage for good performance and better services for the clients.

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INTRODUCTION

“Exam Seating Arrangement” project has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardship faced by this existing system.

PURPOSE

The purpose of developing exam seating arrangement system is to computerize the traditional way of conducting the exams. Another purpose for developing this software is to generate the seating arrangement report automatically during exam at the end of the session or in between the session.

SCOPE

The scope of the project is the designing a web interface and it will be given to a college for future use.

SOFTWARE REQURIMENT

- Operating System : Windows 7/8/8.1/10/11
- Language : PHP, HTML
- Database : SQL Server [or XAMPP, PhpMyAdmin]
- IDE : Visual Studio

HARDWARE REQUIREMENT

- Hard Disk : 120 GB
- RAM : 2 GB

LITERATURE REVIEW

EXISTING SYSTEM

Existing system is very slow and inefficient. Report generation is also not an easy task in the current situation. Also, if the report is generated then calculations are done manually that leads to more errors. There is a lot of manual work involved in current system and mistake in one detail can lead to wrong generation of page. No proper collection of requirements leads a huge problem for this system. This system is to enhance manual work and also more energy is wasted to allocate the seating arrangement.

PROPOSED SYSTEM

Examination Hall Seating Management System is developed for the college to simplify the allocation of halls automatically to students during exams. It facilitates to access the examination information of a particular student in a particular department. The information is sorted information alphabetically, which will be provided by the teacher for a respective department. This system is also help in finding the examination eligibility criteria of a student of the particular department.

The purpose of developing exam hall seating arrangement system is to computerize the traditional way of conducting the exams. Another purpose for developing this software is to generate the seating arrangement report automatically during exams.

PROBLEM FORMULATION

The growing number of students in higher institutions all over the world has posed a lot of accommodation problem on the part of students and school management. Management at the beginning of each session waste half of the semester looking for ways to plan for the upcoming examinations.

The manual method of examination hall allocation and seat allocation to student during the examination has become situations that need attention. There is a need to computerize a system that will assist the management in the allocation of examination center and seating arrangement using student identification for examination.

OBJECTIVES

The main objective of proposed system, is to computerize the traditional way of conducting the exams.

The software is designed to help in the arrangement of seat to student in the certain examination hall.

The purpose of the project is to build the web based applicationto reduce the manual work for managing the exam.

The EXAM SEATING ARRANGEMENT will be helpful in following ways:

- Easy storage and retrieval of data
- Provide quicker and more efficient services for seating arrangement using the software
- Provide system that will reduce the work load of the examination department.

Functionalities provided By Exam Seating Arrangement System are as follows:

- Provides the searching facilities based on various factors, such as roll number, exam room number, student name
- To increase efficiency of managing exam details
- Editing, adding and updating of records which results in proper resource management of exam data
- It tracks all the information of seats, Roll number, etc.

METHODOLOGY

The system is designed using web based specific programming language and database application with the combination of CSS, HTML, XMAPP server as frontend and MySQL as backend.

The following methodology will be followed to achieve the objectives defined for proposed research work:

1. Detailed study of “EXAM SEATING ARRANGEMENT” project will be done.
2. Hand on experience on existing approaches of “EXAM SEATING ARRANGEMENT” system will be done. Relative pros and cons will be identified.
3. Various parameters will be identified to evaluate the proposed system.
4. Comparison of new implemented approach with exiting approaches will be done.

TENTATIVE CHAPTER PLAN FOR THE PROPOSED WORK

CHAPTER 1: INTRODUCTION

This chapter will cover the overview of “Exam Seating Arrangement” project.

CHAPTER 2: LITERATURE REVIEW

This chapter include the literature available for exam seating arrangement. The findings of the researchers will be highlighted which will become basis of current implementation.

CHAPTER 2: BACKGROUND OF PROPOSED METHOD

This chapter will provide introduction to the concepts which are necessary to understand the proposed system.

CHAPTER 4: METHODOLOGY

This chapter will cover the technical details of the proposed approach.

CHAPTER 5: EXPERIMENTAL SETUP

This chapter will provide information about the subject system and tools used for evaluation of proposed method.

CHAPTER 6: RESULTS AND DISCUSSION

The result of proposed technique will be discussed in this chapter.

CHAPTER 7: CONCLUSION AND FUTURE SCOPE

The major finding of the work will be presented in this chapter. Also directions for extending the current study will be discussed.

PUBLICATIONS (Optional)

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