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# Online Examination Hall Seating Arrangement

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***Abstract:*** ***During examination time, it's really agitated task to look out the venue of the examination hall which seat is assigned to selected student. Students used to face many problems for locating the examination hall and their seats.***
***Therefore, an examination hall seating arrangement system is needed to computerize the conventional technique of preparing the examination hall allotment and generate the hall seating arrangement created automatically for sleek natural phenomenon of exams. The planned system will guide the student to look out their individual examination hall throughout their exams. This might in addition show the individual seat of a student in an extremely specific row of their examination. The other objective of developing this technique is to help the scholars to direct them to their individual examination hall whereas not delays for happening finding out hall created and their seat allotment.***
***It contains the students, department, subject, staff details, examination hall and their seat allotment. This technique conjointly can send the hall selection and seat appointed to a selected student.***
***Keywords: Seating arrangement, PHP, hall arrangement, reports.***

## I. INTRODUCTION

Examination hall allotment and seating arrangement may be a web-based application. Main purpose of this web site is to handle the operations in an academic institute throughout the time examinations. All the student and staff will build use of this web site while not facing any problems as they get the data of the assigned seat & room variety. Thanks to the pliability of the applying, it will be used on desktop further as on mobile devices.

To modify examination hall allotment to employees & students and seating arrangement for the student, test hall seating arrangement system was developed. Allocation of Rooms to staffs & students was done manually that was a tedious task & would be time overwhelming. To beat this disadvantage test hall seating arrangement system was developed.

Every establishment has examinations control at explicit intervals. In each universities or faculties, the test seats square measure manually distributed supported some basic rules that square measure time overwhelming tasks. A computer code application is important for the test cell staffs members to manage and handle the examination processes in instructional establishments throughout the time of examinations. It should facilitate the students to simply establish the examination hall and therefore the seat assigned to them. This web site should be overall controlled by test organizer or associate degree administrator.

The software system ought to mechanically generate the test seat arrangement for each student within the faculty united nations agency square measure showing for tests and it should additionally facilitate the scholars to grasp regarding their test hall and seating arrangement before the exam they can login and see the hall variety and seat variety in order that students will determine the individual hall with none delay. The safety of the system is additionally one amongst the necessary factors that has to be taken under consideration once coming up with this computer code.

## II. SYSTEM ANALYSIS

### *A. Existing System*

Existing system is incredibly slow and inefficient. Report generation is additionally not a straightforward task within the current scenario. Conjointly if the report is generated then calculations are done manually that ends up in additional errors. There is heaps of manual work concerned in current system and mistake in one detail will result in wrong generation of page. No correct assortment of needs leads a large drawback for this method. This method is to boost manual work and conjointly additional energy is wasted to allot the seating arrangement.

### *B. Proposed System*

Online examination hall seating arrangement is developed for the college to change the allocation of halls to students throughout exams.

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It facilitates to access the examination data of explicit a specific selected student in an exceedingly particular department. The data is sorted information alphabetically, which is able to be provided by the teacher for a several department. This technique is additionally facilitate find the examination eligibility criteria of a student of the actual department.

## III. DEVELOPMENT ENVIRONMENT

*A. Hardware Requirements*

*1)* Processor :Intel core i3
*2)* RAM : 4GB
*3)* Hard Disk : 1 TB

*B. Software Requirements*

*1)* Operating system : Windows 10.
*2)* Front End : Html, CSS
*3)* Back End : PHP, SQL
*4)* IDE : XAMPP SERVER

## IV. MODULE DESCRIPTION

*A. Login*

The User-Interface is used to access the user's personal information. These data are stored in form of tables using MYSQL database. The admin need to enter their username and password.
Validation and verification are performed at the back end. Assuming the given accreditations are right the administrator effectively login to the framework.

*B. Admin*

Admin can able to add the student, staff, and department, subject details and also admin could schedule the exam hall.
Admin will allocate each staff to a particular hall and allocate students belonging different departments to respective the exam hall.
Admin will get the updates from the staff regarding the emergency leaves and they needed on the day of exam in which they are scheduled by admin will reallocate another staff for that exam hall invigilator.

*C. Student Management*

The student can get the exam hall and seat number while using email id and password to enter into the website to view the exam details. The student will easy to find their examination hall without and delay.

*D. Staff Management*

Today's schedule gives the current days and schedule details for the particular staff and they can able to view their daily exam hall details.
Schedule list will helps to view the full schedule of the staff and during the exam time. The staff could see the dates and hall details of the exams.

*E. Subject & Department*

Admin to open this website and add departments, subject name & subject code.

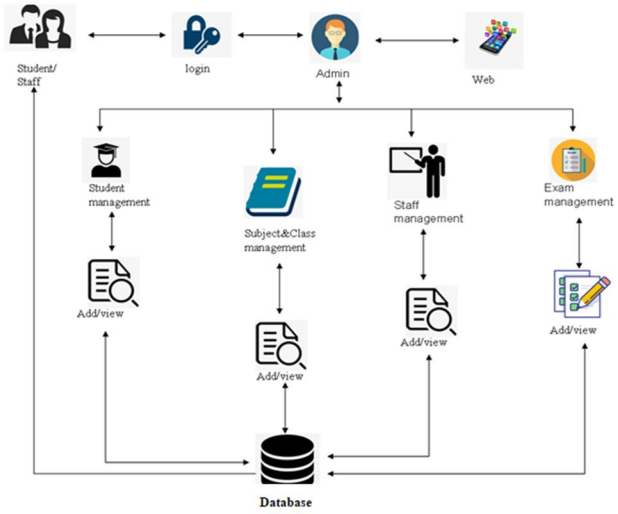
*F. Exam Management*

In this module include exam time, date and room details. Only admin can add the above details and schedule the examination period and manage the room details and invigilator details updating on database.

*G. Student & Staff Login*

Understudy or staff to enter the login page. To see our room subtleties and seat no subtleties.

## V. SYSTEM ARCHITECTURE




## VI. CONCLUSION

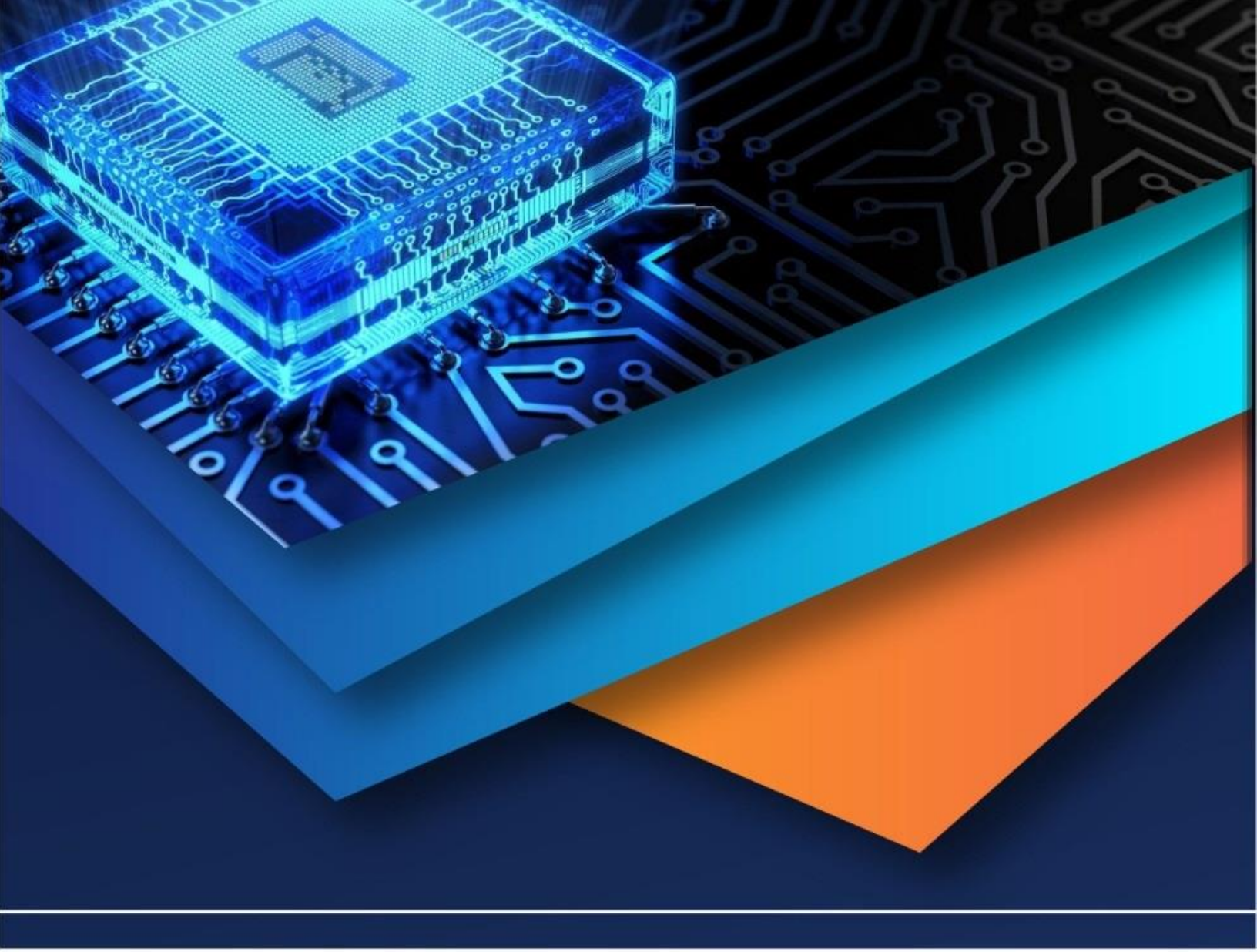
This application is great advantage to any or all the academic institutes because it is simplifying the seating arrangement. By mechanically generating the seats for the scholars, room allocation for the staff. Project results in reduction of manpower and workload on student and staff. If benefits all the educational institutes by reducing the complexity involved while allocating the exam duty for the staff, examination rooms for the students. Data will be accessed anytime because it is keep in centralized information.

## VII. FUTURE ENHANCEMENT

The existing system will be increased, by storing the hall ticket into a database, rather than a file in order that the statistics regarding the hall ticket obtained will be simply analyzed. Insert the timetable by coming into the time and date for the actual papers and make the seating arrangement. And conjointly info of the exam timetable will be entered by student to look at their halls and timing of the exam. By net, mechanically timetable needs to fetch to the information which seating wish to be created in step with the actual day and session.

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