

Integrated and Secure Web Based Examination Monitoring System

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ABSTRACT:

The integrated and secure web based examination monitoring system was analyzing the exam hall at the time. Here we take the exams conducted by the government and state government, like the TNPSC and SBI(PO) exams. In that case of the system, we didn't recognize the hall but knew the college where they were allocated to write the exams on the portal. In the system, we will apply for the examination and the applied form of the application will be sent in Pdf format. In that pdf format, all the details about the examination will be declared in the application. So here are details about where the college will be located and the address will be provided, but the major missing wouldn't give the exam hall to write the exam. The admin will send the location of the examination shell, then the user will register and login to the response site. The feature will help the user to find the location of the college, so the user will detect the location, like east, west or south. The location will be sent share as like GPS in the using of mobile at the portal. Then the user will track the location via GPS to find the exam shell at the end.

I. INTRODUCTION :

Nowadays, in day to day life all are digitalized. In malice of this some of them were not till digitalized. One of the best examples is exam hall plans; currently it is thrust on the boards. Consequently, my motto is to provide an exam hall plan in a timely manner. So I planned to digitalize this in terms of using System and an android studio. Using android studio coding is developed for system. By using system generator create the students information like register number, this is more sufficient for this project. Then the information contained System is going to be pasted on your ID card instead of Barcode. System which is pasted on your ID card is scanned by an android

application which is developed by an android studio. Are scanning it will display the exam hall plan of an independent and the information in the System is time and date of the particular exam along with row and column number which defence the seating arrangement of an individual. Even in the neck-time we will know the exam hall plan in anytime, in any place. This minimize the timings of an individual and avoids threats and this is the main advantage of my paper.

II. LITERATURE REVIEW :

The Examination Management System (EXAMS) is a system began with the objectives to assist various types of users to control and radar the examination venture. A prefatory study was manage through planning episode of System Development Life Cycle (SDLC) manner, and found out that informant find trouble in checking examination exhibit as there was limited wired platform, as well as attendance of auditor and students are recorded manually (paper-based forms). Therefore, users (auditor and students) can exploit from the system by being able to detector the examination schedule through wired platform anywhere, as well as attendance are recorded for each examination session by essential scanning. Moreover, auditors can generate reports for any issues during the examination. Next, supervisor can use this system to control their duties such as exchanging duties, if needed. Thus, this system is apposite, to any educational institutions that practice examinations as part of their teaching and learning pursuit to measure students accomplishment. Examinations activities eventually can be managed at ease and authentication of each examination concluve are kept digitally.

Accomplishing of examination is a essential and complex carrer for most academy and

at times this exercise comes with threads of security infractions and fraudulent stirs. Hence, the purpose of this paper is to provide accommodate information about the design of an examination hall access control network as well as an Information Service System that is used by university academy. In the present system an examinee is to answer quite a good number of questions within a very limited time. Obviously, he finds no scope to answer from his conception and thinking. As an inevitable consequence, he crams the lessons and answers from memory. Thus, the true assessment of merit becomes a far cry. Examinations are a formal assessment process, where candidates can showcase their knowledge and proficiency in a given subject or topic. They are administered with varying purposes and at varying frequencies by an assessment or recruitment body. Examinations are a formal assessment process, where candidates can showcase their knowledge and proficiency in a given subject or topic. They are administered with varying purposes and at varying frequencies by an assessment or recruitment body. The exam evaluates the student's ability of learning. It is an effective way to analyze the knowledge of students. It is a measurement of how much they learn and constraint in the study. An exam is for self-improvement. Revising what you have studied makes you more thorough in the subject. Being more thorough in a subject makes you well prepared for examinations and thereby helps you to get better grades. The more you revise, the more well prepared you are for examinations.

III. METHODOLOGY:

Filtering is a technique for modifying or enhancing an image. For example, you can filter an image to emphasize certain features or remove other features. Image processing operations implemented with filtering include smoothing, sharpening, and edge enhancement. Image filtering is a technique used to tweak the images in terms of size, shape, colour, depth, smoothness etc. Basically, it alters the pixels of the image to transform it into desired form using different types of graphical editing methods through a graphic design and editing software

Admin Login

This module is the first module. From this page only the user can navigate to project. Only the authorized person can enter by giving valid information. If the user provides the invalid information then permission denied navigating to other pages. This login module concentrates the security of the project from the unauthorized users.

Enter a hall ticket

The hall ticket details were contained at the module, the details about the hall ticket number hall ticket named person then id number of the hall ticket will stored at the database system at the development at the module.

Enter Hall Details

The hall details would be entered at the module, where the hall will allocated at the location and then where the hall room will allocated on the school or college. And hall room number the id will updated on the portal.

Enter the location

The hall room details were allocated to the every person's who will applied to the portal, while enter or register your location the hall room location will be shown at the time.

User Register

The user will register the details about their name and the details will be loaded on the registration form and the only authorized can register their valid information in the portal.

Login (OTP) Enter

While you entered the personal details on registration the port will be accepted and then you should have to enter the details into login form, while you enter the details otp will send you at the next moment.

View the hall ticket

The all ticket details where the person will applied and the location of exam will be updated at the moment, the details were about the all the exam's and the exam's rooms no the location where they allocated on the environment will be also updated on the portal.

Find the exam hall

The all process of the module will support you to details about exam then details about the exam room the location will also find the way to the exam hall location via using the website.

IV. RESULT

HOME



HALL TICKET DETAILS



ADMIN LOGIN



HALL DETAILS



ADMIN MAIN PAGE



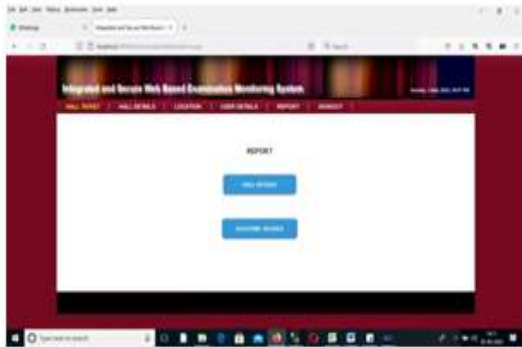
LOCATION ADD



USER DETAILS



REPORT



REGISTER



HALL DETAILS



LOGIN

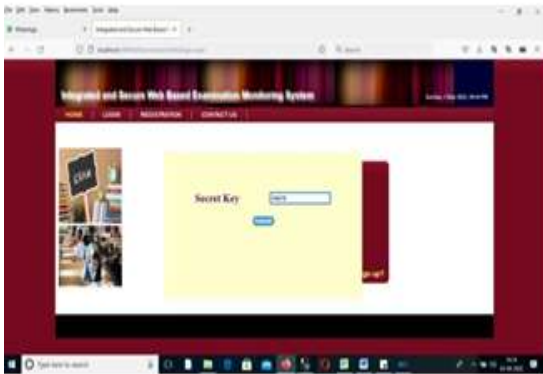


LOCATION DETAILS



LOGIN OPT





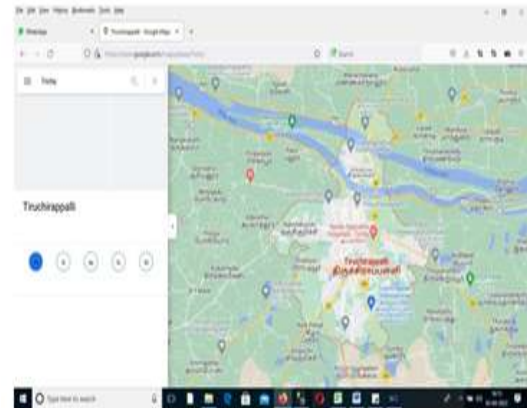
VIEW HALL TICKET



LOCATION & ROUTE MAP VIEW



GOOGLE MAP VIEW



V. FUTURE ENHANCEMENT:

In future, The time and motion study performed reveals that the implementation of this solution will reduce examination documentation efforts by 73% and decrease the time spent to manually grant access to students into examination halls by 35 seconds per student. This study shows that the future solution is time-effective, and the adoption of the examination hall access control technology will achieve lower threads of security breaches and fraudulent activities when compared to other technologies or manual paper-based processes.

VI. CONCLUSION :

The examination shell monitoring system will be concluded the details among the examination would be particularly said to find the examination hall to the government exams, the exam ticket will be uploaded at the portal and it will be downloaded by the user who will to attend the examination at the environment, so it would be also predict the hall among the area which class and which class row was allocated by the admin so

the details were provided by the admin and the user site.

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