

A DEVELOPMENT OF TOTAL AUTOMATION SYSTEM FOR EXAMINATION CELL-AN INTRANET BASED EASE OF WORK TOOL

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Abstract: Exam Cell Automation System is developed for the college to simplify exam cell work. In existing system, all the record keeping and allocate seating for examination is done manually. So we can not determine the seating arrangement of student, if updation is not done. So keeping in mind the above problems the new system will automate the manual system and it will generate the detained list both as user and Administrator perspective. This system is efficient, fast and accurate in comparison to the manual system. The purpose of developing exam cell automation system is to computerized the traditional way of conducting exams. Main purpose for developing this software is to generate the seating arrangement report automatically during examination. And they can change it by the permission of admin only. It will simplify the task and reduce the paper work. And a further purpose for developing this software is to generate the hall allocation to candidates and Internal & External Duty Allotment report automatically.

Key words: Database, Mysqli, Table..

I.Introduction:

1.1 General

Exam Cell Automation System is developed for the college to simplify the allocation of halls, generate the appointment order and a further generate the seating arrangement. It facilitates to access the examination information of a particular student in a particular department. The client uses MS Excel, and maintains their records, however it is not possible for them to share the data from multiple system in multi user environment, there is lot of duplicate work, and chance of mistake. When the records are changed they need to update each and every excel file. There is no option to find and print previous saved records. There is no security; anybody can access any report and sensitive data, also no reports to summary report. This Exam Cell Automation System is used to overcome the entire

problem which they are facing currently, and making complete automation of manual system to computerized system.

Purpose

The purpose of developing exam cell automation 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. The objective and scope of my Project Exam Cell Automation System is to record the details various activities of user. It will simplify the task and reduce the paper work.

Scope

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

Current problems in manual system

Current system is manual so all the record keeping and allocate seating for examination is done manually. So we can not determine the seating arrangement of student if updation is not done. So keeping in mind the above problems the new system will automate the manual system and will generate the detained list both as user and Administrator perspective. This system is efficient, fast and accurate in comparison to the manual system.

The data objectives of the system encompass the records of the students which include Semester wise and Branch wise seating arrangement during exams.

Disadvantages Of Present Working System:-

User friendly: The existing system is not user friendly because the retrieval of data is very slow and data is not maintained efficiently.

Difficulty in report generating: We require more calculations to generate the report so it is generated at the end of the session. And the student not able to know in which class they will sit for exam.

Manual control: All calculations for generating reports are done manually which may lead to errors.

Lots of paper work: Existing system requires lots of paper work. Loss Of even single register/record can lead to difficult situation because all the papers are needed to generate the reports.

Time efficiency: Every work is done manually so we cannot generate report in the middle of the session or as per the requirement because it is very time consuming.

Characterstics of propsed system

User friendly: The proposed system is user friendly because the retrival and storing of data is fast and

data is maintained efficiently. Moreover the graphical user interface is provided in the proposed System, which provides user to deal with the system very easily.

Reports are easily generated: Reports can be easily generated in the Proposed system to user can generate the report as per the requirement (monthly) or in the middle of the session.

Very less paper work: The proposed system requires very less paper work. All the data is eminent into the computer immediately and report can be generated through computers. Moreover work becomes very easy because there is no need to keep data on papers.

Computer operator control: Computer operator control will be there so no chance of errors. Moreover storing and retrieving of information is easy. so work can be done speedily and in time.

II. Related Works:

The purpose of developing exam cell automation 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 exam.

Modules

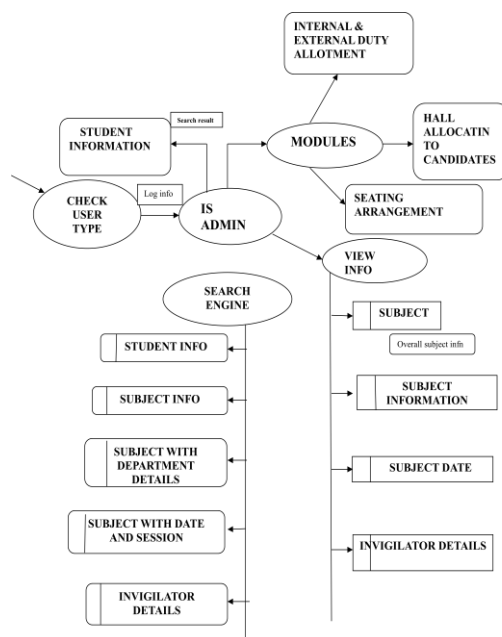
External & Internal Invigilator Duty Allotment.

Examination Invigilator Scheme/Hall Allocation To Candidates.

Seating Arrangement

The system design process is not a step-by-step adherence of clear procedures and guidelines. Though, certain clear procedures and guidelines have emerged in recent days, But still much of design work depends on knowledge and experience of the designer. When designer starts working on system design, he will face different type of problems. Many of these will be due to constraints imposed by the

user or limitations of the hardware and software available in the market. Sometimes, it is difficult to enumerate the complexity of the problems and solutions there of since the variety of likely problems is so great and no solutions are exactly similar. However, following considerations should be kept in mind during the system designing phase:



III.Methods

Algorithm 1:

```

if(sq1>sq2)
    sq1 addvalue=13
    sq2 addvalue=12
else
    sq1 addvalue=12
    sq2 addvalue=13

```

Algorithm 2:

```

if(sq1=sq2)
    sq1 addvalue=13
    sq2 addvalue=12
else
    sq1 addvalue=12
    sq2 addvalue=13

```

Result:

SRI VIDYA COLLEGE OF ENGINEERING AND TECHNOLOGY
VIRUDHUNAGAR

GENERATE APPOINTMENT ORDER

STAFFID 1

DATE 03/20/2016

Preforma-1

ANNA UNIVERSITY,CHENNAI-600 025
EXAMINATION CENTRE-9220
SRI VIDYA COLLEGE OF ENGINEERING & TECHNOLOGY
SIVAKASI MAIN ROAD,VIRUDHUNAGAR-626005

FROM
The Chief Superintendent,
University Examination,
Sri Vidya College Of Engineering & Technology,
Sivakasi Main Road,Virudhunagar-626 005.

TO
Mr.A.Madhavan
BE,ME,M.Phil
AAA clg of engg and engg

Ref.No.Sri vidya IEXAM AO 2015 021p

APPOINTMENT ORDER

Mr.A.Madhavan is hereby appointed as Hall Superintendent for the Anna University Examinations Scheduled during " 2016-03-20 "in this co-
date and time of invigilation work is notified hereunder.He/She is directed to report to the Chief Superintendent of the university Examination at least thirty
before the commencement of the Examination. Those who are coming late will not be allowed to function as Hall Superintendents.

The Hall Superintendents shall not absent themselves from attending the invigilation work without obtaining the written permission of the Chief
Superintendent.In case of any Hall Superintendent wants to leave, he/ she has to find a substitute and the acceptance of the substitute to undertake the respons
Hall Superintendent shall be produced to the Chief Superintendent. Request for leave without making an alternative arrangement will not be entertained.

DATE	SESSION
2016-03-15	FN
2016-03-15	FN

DATE: 2016-03-20
PLACE: VIRUDHUNAGAR

Principal/Chief Super

PROFORMA-3

ANNA UNIVERSITY CHENNAI Chennai-600 025

Examination Irregularities Scheme Hall Allocation to Candidates

Center:9220-Sri Vidya College of Engg & Tech

Date: 03-06-2016

DEPARTMENT	DEGREE	SUBJECT CODE	SUBJECT NAME	REG. NO
CSE	BE	cs2333	SOA	922012103006
CSE	BE	cs2333	SOA	922012103006
CSE	MBA	cs2333	SOA	922012103006
CSE	BE	cs2341	information security	922012103006
CSE	BE	cs2349	service oriented archi	922012103006
CSE	BE	cs4567	computing graphics	922012103006
CSE	BE	cs4567	computing graphics	922012103006
IT	B.Tech	cs4567	computing graphics	922012103006
CSE	BE	cs4567	computing graphics	922012103006
CSE	BE	cs4567	computing graphics	922012103006
CSE	BE	cs4567	computing graphics	922012103006
CSE	BE	cs2333	SOA	922012103006
CSE	BE	cs2333	SOA	922012103006
CSE	MBA	cs2333	SOA	922012103006
CSE	BE	cs2341	information security	922012103006

PROFORMA-4

ANNA UNIVERSITY CHENNAI Chennai-600 025

Examination Irregularities Scheme Hall Allocation to Candidates

Center:9220-Sri Vidya College of Engg & Tech

date: 03/02/2016 HALL NO: 033 session: A/N

ROW1	ROW2	ROW3	ROW4	ROW5
922012205001	922012105005	922012205006	922012105010	922012205011
922012105001	922012205005	922012105006	922012205010	922012105011
922012205002	922012105004	922012205007	922012105009	922012205011
922012105002	922012205004	922012105007	922012205009	922012105011
922012205003	922012105003	922012205009	922012105009	922012205011

for communication purpose as it may incur large amount of time. The scope of the project is the designing a web interface and it will be given to a college for future use. It was intended to solve as requirement specification. Thus the scope of Exam Cell Automation System has been successfully implemented using PHP.

REFERENCES

- [1] <http://www.php-learn-it.com/>
- [2] <http://www.javapoint.com/php/>
- [3] <http://www.w3resource.com/>
- [4] <http://www.w3schools.com/php/default.asp>

Conclusion

A web based interface for showing hall name for student is developed, which makes students to see their seat in respective hall easily. A web based interface for analyzing the student academic details is developed. And they can change it by the permission of admin only. The exam cell automation system is allow examiner to reduce the time required for the information to reach the exam cell and also help in avoiding misinterpretation of information. It is a system which is designed to reduce the man power