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QUESTION PAPER GENERATOR SYSTEM

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Abstract

Traditionally composing of the question paper is done manually by using the previous papers, knowledge. This is a time incurring process which results in slow generation of question paper. Technology has proved online examinations successfully for a number of years, and has progressively enhanced the online examination process over the years. With the online examination system, the process of conducting examinations and processing results is made easy. Using technology to make system efficient by saving time is the main aim of our paper. It focuses on providing questions of particular subject weightage wise to the respective staff. Additionally it also has impact on security purpose as the paper should not be leaked because in current system there are chances of paper leaking. Also the student will be able to view the important questions of their respective subjects.

Index Terms: Examination, test paper, online creation

1. INTRODUCTION

The question paper generator system is the web based application. This will maintain the complete information of syllabus questions. As currently the question paper is composed manually. This incurs lot time in typing, selecting the questions. The main problem is a low quality of papers caused by some human factor such as inconsistency and relatively fewer range of topics. Teachers have to spend a lot of time and energy in composing examination paper. This does nothing for separation of teaching and testing. Therefore with the use of computers, generation of question paper through website has become easier and achieving the aim of separation of teaching. The key functional parts of question paper generator system include registering and then logging into site. Depending upon the logging the respective page will be opened. The system will be user friendly with attractive designed user interface; the system will generate question paper at the end and can be printed.

In this paper, we are implementing a “Question Paper Generator system” will be fast and secured with authorization through the login system. Along with this it will show subject related questions to student when logged in. It will perform different operations depending on logging. If the staff logs in then they will be able to create test paper or select the questions from database to create paper. The admin will handle all the activity and grant the permission to the type of

registration as staff or student. The system will solve the manual task of creating question paper and avoid leaking.

Moreover the system will carry out operation in a smooth and effective manner. No formal knowledge will be needed for the end user to use the system.

1.1 SOFTWARE REQUIREMENT

Hardware Requirements:

- RAM 1 GB or above
- Hard disk:4 GB or above
- Processor:2.4 GHZ or above

Software Requirements:

- Platform: Windows
- Front End: HTML,PHP,JAVASCRIPT
- And BOOTSTRAP
- Back end :MySQL

1.2 SCOPE:

- The test paper will be used for random selection of important questions. As all the important questions will be sorted.
- The database will be viewed as the question set for selection by experienced teachers.
- Security measures will be adopted, by maintaining the login of username and password in the database.
- Will reduce the work of staff as the staffs just needs to check the questions from checkbox.
- Reduce the delay in creating paper because this is not manual process. This will result in smart work.

2. PROBLEM STATEMENT

Existing system is a manual one in which staffs are maintaining questions to create the information like staff details, user details, and exams related details etc.It is very difficult to maintain and search questions. There are lot of difficulties in associating any particular details with a particular context.

- It is difficult to maintain important information in books.
- More hours needed to generate question paper.
- It is tedious to manage questions and select them
- Time consuming.

3. SYSTEM DESIGN

The current system is not completely computerized and it is a manual system in which typing the question is solution. This system allows entering the details of student and staff and main importantly the questions asked in different years. The staff can easily navigate through all the important question papers. Also adding new questions to the paper or erasing them is provided. The admin has the option to manage the whole system.Admin will be able to check the role and authority of staff as well as student.

The flowchart below describes the current mechanism of developing the question paper. It is used to clearly show the systematic way in which the system is designed. It starts with registering and followed by logging into the system. A specific role has been provided for further process. Depending upon the role the respective user will get to see its role oriented interface. As the admin will handle all the activity and manage the database. Similarly the staff will be able to create test for exam purpose by simply clicking on the questions having weightage or adding new questions. In the same manner, the student will only be able to view the questions that are asked most frequently.

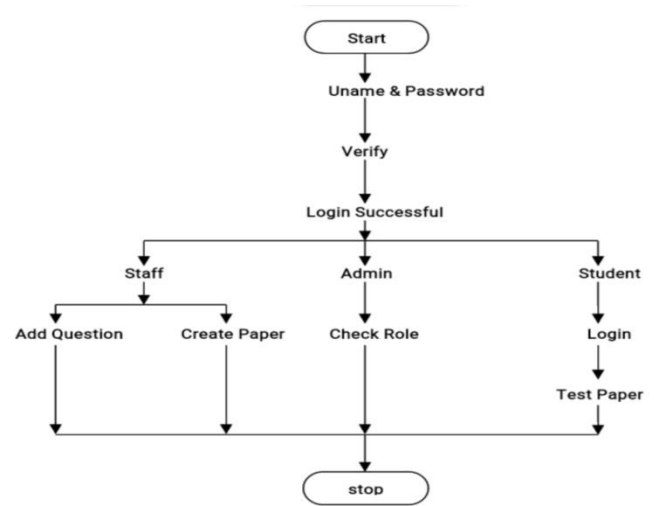


Fig-1: Proposed flowchart of given system

The below diagram describes the entity relationship diagram of admin.It is used to describe the relation of an entity with its various attributes.Admin can perform different tasks such as adding the user, the staff by checking their roles.And at the end displaying the question paper.

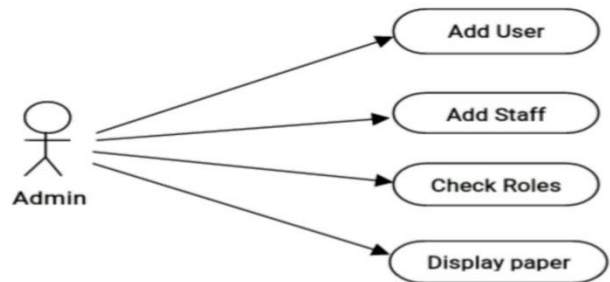


Fig-E-R diagram of given system

4. CONCLUSION

The paper named Question Paper generator system (Time saving) was completed successfully. The system is specially designed for security purpose of papers to avoid leaking also it is time saving and user friendly. The purpose of this project was to develop a web application for generating the question paper on computer itself by avoiding manual tasks. This project helped us in gaining valuable information and practical information on web designing languages like PHP, HTML, JS to create attractive user interfaces .MySQL is used for storing of database. The security is achieved by

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logging into the system. Also this helped us in knowing the software development phases and its lifecycle. This project has resulted in simple but descent environment that has made difference in manual and computerized work of generating the question paper. Also due to animated user interface, it is grasping more users to interact with the system and providing the information collectively.

FUTURE SCOPE

The proposed system maintains the complete question paper detail of sessional exam. It also manages the information of creating and showing the important questions and description of the marks Also the proposed system generates the question paper particular subject wise. But the system is limited to a single institute only. So in future we will try to extend the system for the entire university to minimize the time in the manual generation of paper and to speed up the examination process.

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