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Automatic Question Paper Generation System

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ABSTRACT: In today's world, time is a major concern. Any product that can effectively reduce time and power consumption is accepted and appreciated. Thus, we are presenting an Automated Question Paper Generator System that can reduce time consumption by replacing the conventional method of question paper generation system. It also needs lesser man power.In the purpose system, questions are stored in a database based on subject, difficulty, and section. The automatic paper generator is one and only system for creating question paper. This system is useful for paper creation. For example, work starting from choose question bank to create a paper. This system useful for both small and large institute.

KEYWORDS: Automated, Consumption, Generation

I. INTRODUCTION

Today, monitoring students' performance is a challenging era due to the growth in the field of computer science and huge competition we are facing today. Hence examinations play a vital role in testing student's performance. And that is why it is important to have a smart development question model for growth of students as well as to test their learning skills thereby keeping a check on student performance. Now the traditional method of generating question paper has been manual. In this method certain officials chalk out the question paper. But this method can be ineffective at times owing to bias, repetition and security concerns. We have proposed an automated process of Question Paper Generation which is fast, streamlined, randomized and secure. Every task performed by this system is automated so that storage space, bias and security is not a concern anymore. Furthermore, we have proposed a new algorithm which ensures total randomization of questions and avoids repetitions. The proposed system can be helpful to many educational institutes and NGO based institutes and in various colleges as well.

II. SOFTWARE DISCRIPTION

Python is a high-level, interpreted and general-purpose dynamic programming language that focuses on code readability. The syntax in Python helps the programmers to do coding in fewer steps as compared to Java or C++. The language founded in the year 1991 by the developer Guido Van Rossum has the programming easy and fun to do. The Python is widely used in bigger organizations because of its multiple programming paradigms. They usually involve imperative and object-oriented functional programming. It has a comprehensive and large standard library that has automatic memory management and dynamic features.

III. SYSTEM OPERATION

3.1 Step by Step Operation Of System

STEP 1 – Firsty we have to log in from Student , Teacher and Admin.
STEP 2 – Then from Teachers Login, Teacher can add questions with Their suitable marks.
STEP 3 – After that from admins login they can filter the questions as Per weightage of subject paper.
STEP 4 – Now, We can generate the paper.
STEP 5 – Now, We can Download the paper for the Exam.

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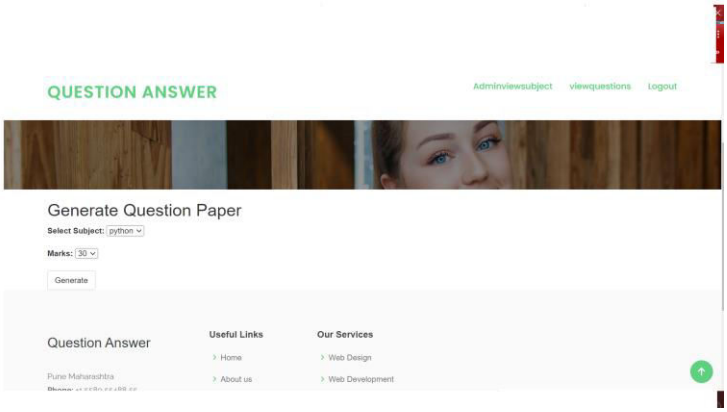
IV. RESULT AND CONCLUSION



4.1 Paper Generation

In this paper, an automated Question Paper Generator is proposed which is implemented as a real-time application in Wagholi, Pune. The proposed work describes an automated system that progresses from the traditional method of paper generation to an automated process, by providing controlled access to the resources. We have also considered the importance of randomization in the task of paper generation. Our system has deployed an efficient algorithm which is totally randomized and avoids repetition of questions is consequent question papers, making it impossible to derive any pattern in the papers. We distinguish between administrators and subordinates by their tasks. Therefore, the resultant automated system for Question Paper Generation provides improvement in terms of controlled access to the resources, random generation of question papers and a secure platform. Finally, I successfully finished this web-based application (AQPGS). During the development of this project, I face a lot of problems and challenges.

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