

Online Examination Portal System

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ABSTRACT

Today, many organization held online exams successfully. Online Examination portal is helpful for conducting online exams. It helps both student and institute to register and host exam. There is no need to purchase a site from any software developer there by controlling the amount. It not only removes the faults in manual way of conducting exams and also helps students for preparing to face online exams. The institutes will register themselves with a unique login name and password; the unique id will be issued to the institutes by the website.

Keywords : MSBTE, Online, OR, PR, TW

I. INTRODUCTION

The MSBTE (Maharashtra State Board of Technical education) design the curriculum for diploma students. Every course has different heads like The(Theory), PR(Practical) ,OR(Oral), TW(Term Work). Few subjects having online Exam like Environment Studies, Advanced Java Programming and many more. In institute, for conducting online examination for subjects like EST, AJP and many more, institute has pay money to use this online examination portal to others and then conduct the exams. The main thing to consider is that the existing systems provide same pattern of questions. Instead of this, the project specifies to overcome this issue. Online examination portal of GGSP will be created as a result of which student will not have to pay and college will have its own portal. The main benefit is that it can be used for any subject and sometimes can be used as practice test. It is flexible to change question according to scheme. The main advantage of the project is that it will allow multiple students to give exams simultaneously and the result will be displayed as soon as the student finishes the test. On the other hand, all rights related to creation and deletion of test paper is assigned to the admin.

II. METHODS AND MATERIAL

A. Existing Online Exam System

There are various systems in the market available for Online Exams. Basically, institute pays for the system and conducts the online tests. Many institutes use this software to conduct online exams. Many software are available but the thing is that the issuing institute has to pay for the use of the software. however the system suffers from some problems that can be listed as below:

1. The system gets overloaded when the access of the student Increases.
2. Same questions are repeated for every student.
3. The question bank available is limited.
4. It is preferably designed for a particular subject only.
5. Malfunctinality problems can occurred during the examination.
6. The graphical user interface provided are sometimes quite difficult for students to understand.
7. Human error
8. Comsumes time for creating question papers.

Considering the above problems, the proposed system will try to overcome the issues and provide a flexible way to conduvt exams.

III. RESULTS AND DISCUSSION

Proposed Online Exam System

A website, Online Examination, is to be designed to conduct online tests. Unlike other online examination

systems this website should not be just for the students; instead it should also provide facility to Institutes to host online Tests/Exams. This will help institutes as:

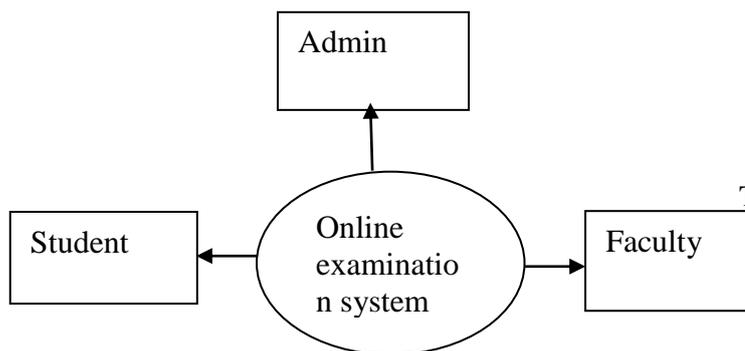
There will be no need to get new software every time to conduct an online test.

Also like other online websites, it will help students by:

1. Saving the extra time of going too far away Exam Centre.
2. Students need not wait for their result

Also this website will remove the flaws of existing Manual Systems like:

1. Reducing the manual labor (Decreases Overheads).
2. Avoiding Mistakes Due To Human Error (Accurate).
3. Will Increase Efficiency and Save Time.
4. Will Allow Neat Handling Of Data Rather Than Error Prone Records.



The main advantages are:

1. Security: Security rates are increased as it is owned by a particular organization
2. Maintenance: It is efficient to maintain the records in the form of database.
3. Available: the system will be available whenever required by the organization except leaving the backup time.

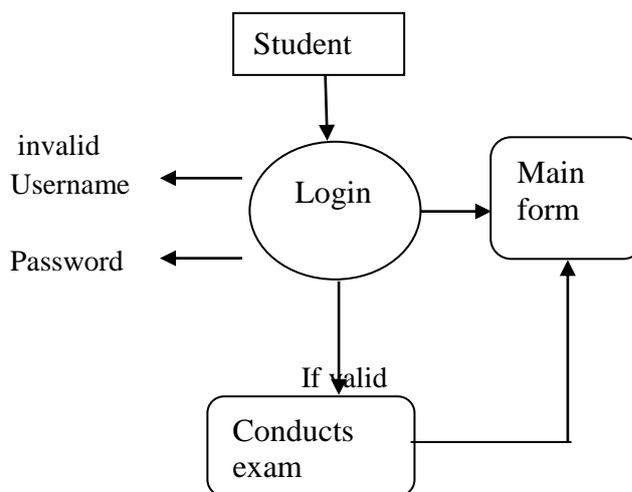
The whole website will be made using independent modules so that any changes done in 1 module should not affect the other one and new modules can be added easily to increase functionality. basically, it consists of basic three modules i.e. the admin module, faculty module and the student module.

The admin needs to:

- Take backup
- Creation and deletion of logins
- Addition of other subjects

The student needs to:

- Register
- Login with the correct username and password.
- Select the subject
- Solve and submit the data properly
- Can also reset the password by following appropriate procedures.



The faculty needs to:

- Register to particular subject
- Submit the question banks with answers
- Can also create sets of the questions
- Can view the result.

The system handles all the operations, and generates result as soon as the test is finish, that includes name, mark, time spent to solve the exam and stores in database.

But there are some drawbacks:

1. There are chances that the system gets shut down is the server gets overloaded.
2. If there is any malfunctioning in the software there can be an random error in the software which will create wrong answers for wrong question.

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V. REFERENCES

- [1]. "ONLINE EXAMINATION SYSTEM", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056, Volume: 0,3Issue: 01| Jan-2016.
- [2]. "Challenges of Online Exam, Performances and problems for Online University Exam" ,International Research Journal of Engineering and Technology IJCSI International Journal of Computer Science Issues, Vol. 10, Issue 1, No 1, January 2013 ISSN (Print): 1694-0784 | ISSN (Online): 1694-0814.
- [3]. "Online Descriptive Examination and Assessment System", International Journal of Emerging Technology And Advanced Engineering,(ISSN 2250-2459,ISO 9001:2008 Certified Journal,Volume 4, Issue 3, March 2014).
- [4]. The Design and Implementation of On-Line Examination Using Firewall security, IOSR Journal of Computer Engineering (IOSR-JCE) e - ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 16, Issue 6, Ver. V (Nov –Dec. 2014), PP 20-24.
- [5]. "Research and Development of Online Examination System", Proceedings of the 2012 2nd International Conference on Computer and Information Application (ICCIA 2012).