ONLINE EXAMINATION SYSTEM

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Abstract:
This project is aimed at developing an online examination system for introduction to management for students and lecturers. The purpose of the system is to completely automate the old manual procedure of conducting exam to a computerized System. I will provide a more efficient examination system. The system will allow students to register and take the exam. It enables also lecturers to perform many tasks. The system has several functions. The users will do the registration before using the system. The lecturers can upload questions and answers; he can view the list of all students who take the exam. the students can choose the subject and take the exam. After finishing using the software the users have a logout function that allows them to sign out. This is because the system wants to ensure no external users can exploit the system

Keywords:
HTML, JAVASCRIPT, PHP

I. INTRODUCTION

Computerized and online systems have been increasing in every aspect of education. Information Technology plays a very important role in nowadays education. Computers and internet have made dramatic changes in the education system. Information technology enables institution of high learning to save time and money, and allow the delivery of education with easiness, anywhere, and anytime. Paper based books are replaced by online and off-line applications. With computer software, we can be able to have access to huge databases of information. This gives fundamental change to the education.
Online Examination System for introduction to management is an application that is designed and developed for students and lecturers. The system helps students to take examination. It helps also lecturers to upload the questions and answers in the database and they can see the students who fail or pass the exam.

II. LITERATURE REVIEW

Information technology enables students to do distance learning, method of learning at a distance instead of learning in a classroom. Communications technologies create possibilities, both individual and institutional, for an unprecedented expansion of home based learning, much of it part-time. Information technology provides systems that allow students to perform many tasks in an automatic way and not manually. Students can take exam using computerized system; they don't need paper-based exam. They save time and money when using computer system in their studies. Online Examination System in PHP and MySQL can be modified and customized to suit the need of any Educational Institutions, Primary and Secondary Schools, Colleges, Professional and Vocational Institutes, Universities or Training Academies. This software is particularly suited to conduct competitive exams like recruitment exams and Common Extrance Tests (CET) of various states as it

will save valuable time spent on assessing the answer books and the results can be obtained immediately.
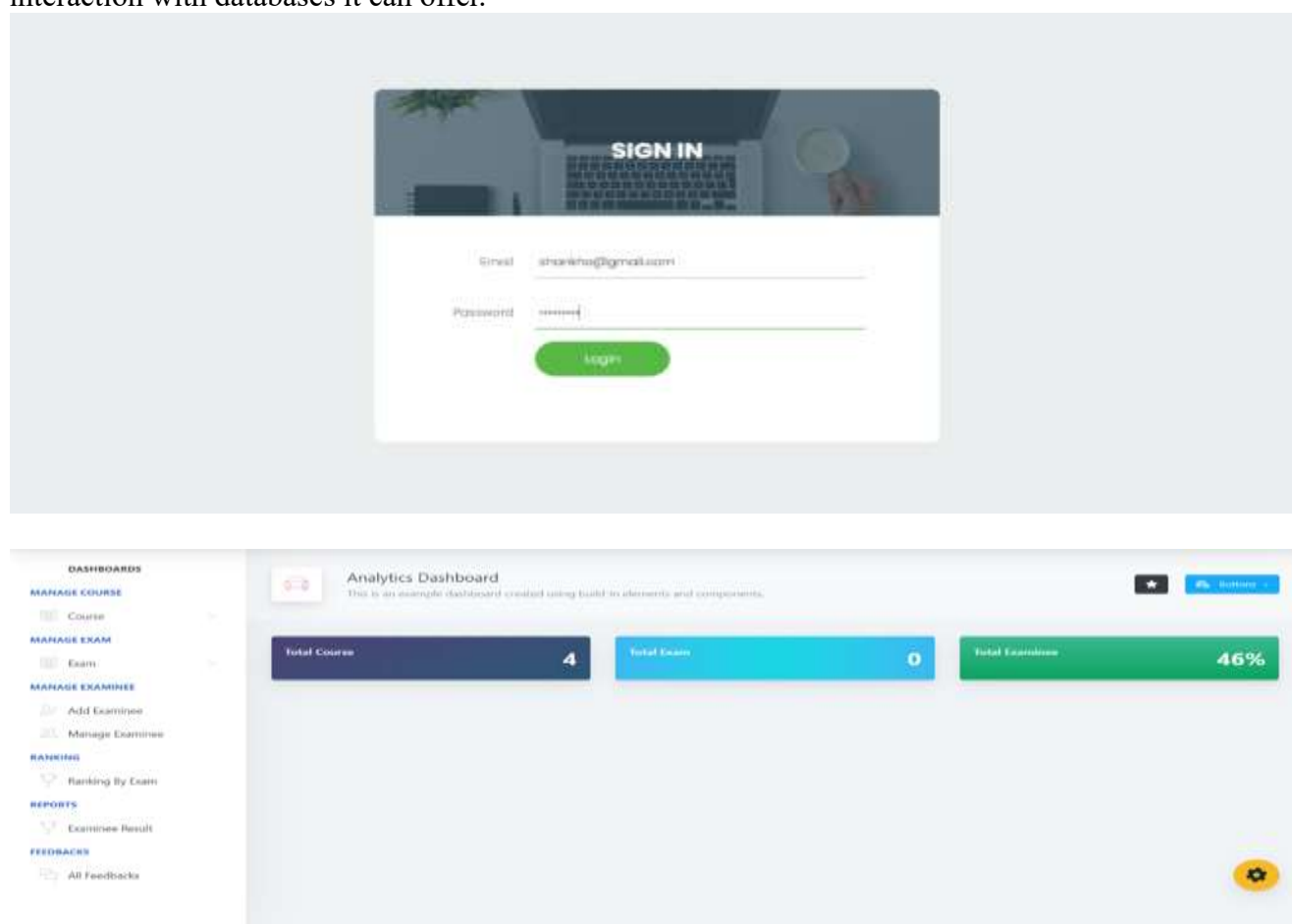
III.   **SYSTEM DESIGN**
The technologies used in Online Examination System are (PHP, HTML, JavaScript, and MySQL) .They are well established, lightweight, and supported on most systems. Local environments such as XAMPP or WAMP make it easy to host and test the system. Therefore, the project is technically feasible and requires minimal hardware and software resources.
The system is designed to be intuitive for both administrators and students. Users can easily navigate and complete tasks like creating exams, attending tests, and viewing results. Minimal training is required for end-users.
All tools used are open-source, making the project highly cost-effective. No licensing or infrastructure costs are involved during development and testing, making it viable for educational institutions with limited budgets.

IV. **IMPLEMENTATION**
   Many of the applications that a Web developer wants to use can be made easier by the use of a standardized database to store, organize, and access information. MySQL is an Open Source (GPL) Standard Query Language (SQL) Relational Database Management System (RDBMS) database that is fast, reliable, easy to use, and suitable for applications of any size. SQL is the ANSI-standard database query language used by most databases. SQL is the most popular language for adding, accessing and managing content in a database. It is most noted for its quick processing, proven reliability, ease and flexibility of use. MySQL is an essential part of almost every open source PHP application. PHP combined with MySQL are cross-platform (you can develop in Windows and serve on a Unix platform) The main reason for using a scripting language like PHP is because of the interaction with databases it can offer.

V. RESULTS

Online Examination System is significantly superior among the other exams. We have come to result that the problems can be solved by introducing new security systems using biometrics, we can identify the student's true identity by analyzing digital signature or by finger print mechanism and also by providing web cameras in the examination hall.

The system is developed using PHP and MySQL are saved in the database. Online examination system for introduction to management course is the best compared to paper-based exam. The automated system helps students and lecturers to save time and makes the process faster. It saves space since answers papers will not be used. With a user-friendly system that has security, integrity and the database is neither inconsistent nor redundant.

VI. CONCLUSION

In conclusion, the Online Examination System with Timer stands as a testament to the fusion of education and technology. By embracing this innovative platform, educational institutions can revolutionize the examination process, fostering a conducive environment for learning and growth. Let's embark on this journey together, empowering learners to excel and thrive in the digital landscape.

VII.   ACKNOWLEDGEMENT

I am grateful to Prof. Smruti smaraki sarangi , Gandhi Institute for Technology, Bhubaneswar, for the assigning me this innovation project and modeling both technically and morally for achieving success in life. It is great senses of satisfaction that my first real live venture in practical computing is in the form of project work. I extend my humble obligation towards Dr. Sujit Kumar Panda, H.O.D, Department of Computer Science and Engineering. Above all, I thank the almighty without whose grace and blessings. I would not have been able to complete my work successfully.

VIII.   REFERENCES

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