

PROJECT SYNOPSIS

PROJECT NAME: ONLINE EXAMINATION SYSTEM

GROUP MEMBERS:

- Kalyan Kumar Saha
- Rahul Bhattacharya
- Arijit Bagchi
- Rupam Mitra
- Subrata Biswas

GROUP MENTOR: Subhamita Mukherjee

ABSTRACT :

The main purpose of designing the Online Examination System is to reduce the time of taking examinations of the students manually. There are some advantageous factors of this system which are given below:

1. The online examination system reduces time of taking manual examination of students.
2. This system will work efficiently and correctly as far as computer technology is concerned.
3. This system will provide better security and transparency in the examination.
4. Online examination System is also capable of providing instant results to the examinees correctly.

INTRODUCTION:

Our project topic is "Online Examination system". An Online Examination System is a special type of application program where examinations of the students can be taken in a correct and efficient manner. Online Examination System consists of some pages of questions (MCQ Types) and the students are to give the correct answers of those questions by selecting the appropriate choice. Once a page is submitted, it will not be possible to return back to that page. This system is also capable of determining the performance of the students and giving the result instantaneously.

The detail view of the project is given below:

1. The main view of our project will be to design a user friendly front page where all the information about online examination will be provided.
2. The foremost requirement of this system is the security. The security measurement will be implemented in terms of "User-id" and "Password".
3. Once one student will enter in their account, then no other student will be able to access the account i.e. the account will be locked.

4. During the examination, once a page is submitted, then it is not possible to return back to that particular page.
5. After a specified period of time, the remaining pages will be submitted to the server and the result of the respective students will be displayed on the screen.

PROBLEM DEFINITION:

The problem is defined as- “An Online Examination System will be designed which is capable of evaluation of students in the examination hall efficiently and correctly. This is an application software which consists of a user friendly front page. This software will provide a page consists of a lot of questions which is to be answered and submitted by the students. The evaluation of the paper will be done automatically and instantaneously.”

HARDWARE AND SOFTWARE PLATFORM USED:

HARDWARE PALTFORM:

- Intel(R) Pentium(R) 4 CPU 2.66GHz , 2.67GHz
- 512 MB RAM

SOFTWARE PLATFORM:

DESIGN PURPOSE: Smartdraw6

DEVELOPMENT PURPOSE:

- Microsoft Windows XP Professional Service Pack 2
- Apache Tomcat Web server
- Oracle 10g as Database
- JSP
- HTML
- Servlet

CONCLUSION:

Usability: This software is very much useful to take the internal examination of the different colleges within a very short span of time. This project will provide an efficient platform both for the students and the teachers, by enabling examinations to be taken online. The less manual work and improved security and efficiency of this system would be useful in conducting any kind of examination in less time. Minimization of fraud and error, being one of the main features of this system, would prove to be very useful to the examination conducting body.