**Online Examination System**

Develop an Online Examination System to automate the complete examination and evaluation process. The system assimilates the ease and convenience of the virtual environment in the existing manual examination and evaluation process. The new automated process will be very less time consuming and the results will be much more prompt and accurate.

**Proposed System:**

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach.

* User Friendliness is provided in the application with various controls provided by system Rich User Interface.
* The system makes the overall project management much easier and flexible.
* It can be accessed over the Intranet.
* The user information files can be stored in centralized database which can be maintained by the system.
* This can give the good security for user information because data is not in client machine.
* Authentication is provided for this application only registered members can access.

The Online Examination System will automate the existing examination process. The system will maintain an online question bank. The admin/examiner can set the exam-paper by selecting required questions from the question bank on the bases of subject, marks and complexity.

After setting up the exam-paper, it can be conducted live as and when required. Once the exam is set live the admin will be able to monitor the complete list of examinees that are appearing for the exam. The admin can also debar a particular examinee from submitting the exam if the examinee is found malicious.

The admin also has the right to create user logins.

The examinee will be able to appear for the exam by logging in with the provided credentials. The examination GUI will be very user friendly and examinee will be able to easily navigate through all the questions and submit the exam.

The marks for examinee are calculated and stored in the database as soon as the examinee submits the exam.

Also, there will be a report generation module using which the admin is able to generate various reports related to the process.

**Modules:**

* User Authentication
* Question Bank Maintenance
* Set Exam-Paper
* Conduct/Delete Exam
* Monitor Live Exam
* User Creation
* Examinee Evaluation
* Report Generation

**HARDWARE REQUIREMENTS:**

* Processor: Intel Pentium or More
* RAM: 1 GB Ram
* Hard Disk: PC with 20GB

**SOFTWARE REQUIREMENTS:**

* **Operating System Server:** Windows XP or later
* **Database Server:** Microsoft SQL Server-2008
* **Client:** Microsoft Internet Explorer
* **Tools:** Microsoft Visual Studio .Net-2010
* **User Interface:** Asp.Net with Ajax
* **Code Behind:** VC#.Net