

IIIT GUWAHATI
SOFTWARE ENGINEERING PROJECT
ONLINE EXAMINATION SYSTEM

A brief write up on the project

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AIM: Our aim is to design the bug free software that conducts the online exam.

Objective

- Online examination can reduce the hectic job of assessing the answers given by candidates manually.
- Responses or the answers by the candidates can be checked automatically and instantly.
- It will reduce paper work to be an integrated Online Examination System.
- The result can be shown immediately to the students reducing the anxiety.

Constraints:

- 1) User interface is only in English i.e. no other language option is available.
- 2) User can login only with his assigned username and password i.e. no guest facility is available.

Features

1. Secure
2. Time bar prevention
3. Straightforward to use
4. Reliable and correct

Front end: HTML, CSS, JavaScript

1. HTML: HTML is used to create and save web document. E.g. Notepad/Notepad++
2. CSS : (Cascading Style Sheets) Create attractive Layout
3. JavaScript: it is a programming language, commonly use with web browsers.

Back end: PHP, MySQL

There will be two portals of the project:

- 1) Admin Portal
- 2) User Portal

Admin Portal: An admin will be able to access all the applications filled by the applicant. He can view the results of every user for any exam.

User Portal : A User has the permission to view only his application, his results etc All other details like confidential data will be hidden for other users.

Description of the project:

Registration: We will start our project from the registration part. A test taker has to register himself/herself from the list of exams he/she is interested to take.

A test taker needs to provide some basic details that will be stored in MySQL.

Validation of Registration: He needs to complete the form and submit a required amount of fees. If fees is not submitted then the application would be rejected.

Admit Card: After the registration is done an admit card would be generated from the server where registration number etc details will be provided.

Test day: On the examination day, a test taker will login and the instructions will be displayed for the exam.

Format of the Exam: Questions will appear for the specific exam. Multiple choice type questions will appear. A test taker has to choose only one option among the four displayed options.

After the test is submitted or the time gets over whichever is earlier then the examination is completed/over

Results: Scores will be displayed and the ranks/percentile will be displayed for every test taker on the result display portal.