



# TESTNOVATION COMPUTER BASED TESTING



# TESTNOVATION

Testnovation is an innovative software application for electronic exams (also known as CBA - Computer-Based Assessment, CBT - Computer-Based Testing or e-exam) that enables educators and trainers to author, schedule, deliver, and report on quizzes, tests and examinations. It is Web-Based, platform independent, and conforms to W3C Accessibility and Usability guidelines and addresses most of the deficiencies identified in majority of CBT applications currently existing in the Nigerian market.

## SCOPE

Testnovation automates all assessment phases: authoring, scheduling, delivering, and reporting. It is intuitive, easy to use, robust, scalable and yet powerful and secure. Users con-

nect to the Testnovation system using a common Web-browser like Mozilla Firefox or Internet Explorer.

## MODE OF OPERATION

Testnovation is purely web-based. It is compatible with all major web browsers including Internet Explorer, Firefox and Google Chrome. The solution is deployed on a local server. This can enable exams to be administered within a Local Area Network, or on the Web. Web deployment can enable users logon and take examinations from a Café, home PC having access to the internet.



# FEATURES

## VERSATILITY

Our system is designed to be scalable, flexible and easy. The test application runs on the latest infrastructure. Students and Users are not required to install any software on their computers. The application can be deployed on a dedicated or shared server.



## QUESTION TYPE

Special attention has been given to the various types of questions that are currently used in competitive exams. The online test application accommodates the following:  
Single Answer.  
Multiple Answer:  
Comprehension Questions.  
Examination questions.



## FORMULA EDITORS

Formula editors have been embedded in the CMS using LaTeX code to enable the set up of questions and options that require complex mathematical and chemical formulas and symbols. It also supports online download of codes during question setup.



## IMMEDIATE RESULTS

Once a student completes a test, the application stores and processes the answers to provide immediate results including subject-wise marks, rank, graphical reports and question-wise analysis to the student.





# ADDITIONAL FEATURES

Our scalable computer based testing application has a carefully structured architectural design that allows upgrade and connection of various plugins and API's. Some additional features that can be built in included the following:

## GRAPHICAL ANALYSIS REPORTS

After completion of an online test, the student will be shown graphical reports that highlight certain aspects of their performance.

## SMS INTEGRATION

There is a provision to integrate bulk SMS functionality with the online tests in order to send SMS alerts to students regarding upcoming scheduled tests and results. This is an optional feature, and incurs additional charges.

## MOBILE APPLICATION

Mobile App versions of the application can also designed to enable user take examinations on mobile Android, Blackberry, iOS and Windows Mobile devices.



# SOME OF OUR CLIENTS AND PARTNERS



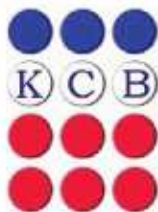
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