

CBTflux

MANUAL AND DOCUMENTATION

(Stay ahead of others, improve your testing experience and go digital)

The Software was developed by:

FLUXTECH CONCEPTS NIGERIA

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CBTflux can be used in various establishments such as

Education (Exams & Test), Training & Development, Recruitment & Aptitude Test

Why do you need to go digital with your testing, converting your exam from Paper Based to Computer Based:

- Computer Based Testing does not consume time. CBT is an efficient way to provide a secure, fast and stress-free testing while significantly enhancing the candidate experience.
- Reduced costs of many elements of the testing life-cycle.
- Improved consistency and reliability (*computer marking is much more reliable than human marking, 100% accuracy*).
- Improved impartiality (*computer marking does not 'know' the candidate, so does not favour individual candidate nor make allowances for minor errors*).
- Instant results to candidates (*if you choose to display the result to them in your settings*)
- Greater storage efficiency - Tens of thousands of answer scripts can be stored on a server compared to the physical space required for paper scripts.
- Improved test confidentiality and prevent leakages.
- Faster and more controlled test process with greater scoring efficiency.
- Faster decision-making as a result of immediate scoring and reporting.
- Unbiased test administration and scoring.
- Increase candidate experience and satisfaction.
- Evolutionary step towards future testing methodologies.

CBTflux is a Computer Based Testing software developed by FLUXTECH CONCEPTS with much features.

Note that CBTflux software does not expire; you use it for life, and can be used on unlimited number of computer systems

USERS FEATURES

Login to take test: Input your Username and Password and click Login

User Dashboard: Upon login, user Full Name, Picture, Class/Category, and Login ID would be display. All Tests available for the user class/category will be display and click on Take Test for a particular Subject to begin test.

CBTflux

Dashboard

NAME: GABRIEL AUDU OYIBO
CLASS: SS3
LOGIN ID: FHS002

Always remember to Logout after completing your test.

Test/Exam(s) Available for you to take

Test Name	Subject	Action
CONSTRUCTION ENGINEERING	CEC 303 (Workshop Technology)	Take Test
GENERAL STUDY	GNS 301 (Use Of English)	Take Test

INFORMATION

⚠️ Ensured you have finished your test before you click on Submit button. Once you click Submit, your test will be submitted and you may not be able to re-take the test.

👉 We wish you Good luck.

After clicking the Take Test button, details of that test will be display, and then click Begin Assessment to actually start the test.

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NAME: Gabriel Audu Oyibo | **CLASS:** SS3 | **LOGIN ID:** FHS002

Test Details, Please take note	
Test Name:	Construction Engineering
Subject:	CEC 303
Subject Title:	Workshop technology
Class:	SS3
No of Question:	5
Time:	2 minutes
Pass Mark Percentage:	50%
Display Result to User:	Yes
Repeatable:	Yes
Status:	Enabled

[Begin Assessment](#)

While the test is ongoing, user's Picture, Name, Class/Category and Login ID will be display at the top to avoid impersonation.

In case of power outage or any computer fault while test is ongoing, once the user login back, the test shall continue where the user stopped (*both time and question number*).

Once the allotted time for the test is finished, the system will notify the user and the test will be submitted automatically, thereafter auto-logout the user (*to prevent user's refusal to logout and thereby wasting time*).

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NAME: Gabriel Audu Oyibo | **CLASS:** SS3 | **LOGIN ID:** FHS002

Time Left: 1 : 50

You have answered 0 questions out of 5

what is mouse

- eku
- input device
- rat
- output

[Next](#) [Submit](#)

The screenshot shows the CBTflux user interface. On the left is a sidebar with a user profile for Gabriel Audu Oyibo, including a photo, the status 'Online', and a 'Logout' button. The main content area displays the user's name, class (SS3), and login ID (FHS002). A 'Time Left' indicator shows 1:3. Below this, it states 'You have answered 1 questions out of 5'. The question is 'What is computer', with four radio button options: 'a machine', 'a data', 'computer', and 'a machine that accepts data'. At the bottom of the question area are three buttons: 'Previous', 'Next', and 'Submit'.

Result: If the user click on Result menu after taken the test, results of the test(s) taken by the user would be display provided that particular test had been set (*by administrator*) to display result to users, otherwise users won't be able to see any result.

If the test is set to be taken once (*not repeatable*), once the user has completed the test and want to retake the test, it will prompt the user that he/she has already taken the test.

The screenshot shows the CBTflux user interface displaying test results. The sidebar on the left is identical to the previous screenshot. The main content area is titled 'Results' and shows 'Results of All Assessment' and 'Results of Assessment by GABRIEL AUDU OYIBO, of Class SS3 with Login ID FHS002'. A note states: 'Note: If after taken a test and you do not see your result, it means the Subject is set not to display result to user.' Below this is a table with the following data:

Test Name	Subject	Score	Percent	Remark	Date Taken
CONSTRUCTION ENGINEERING	CEC 303 (Workshop Technology)	2 / 5	40%	FAILED	Thursday 23-Aug-2018, 4:04PM

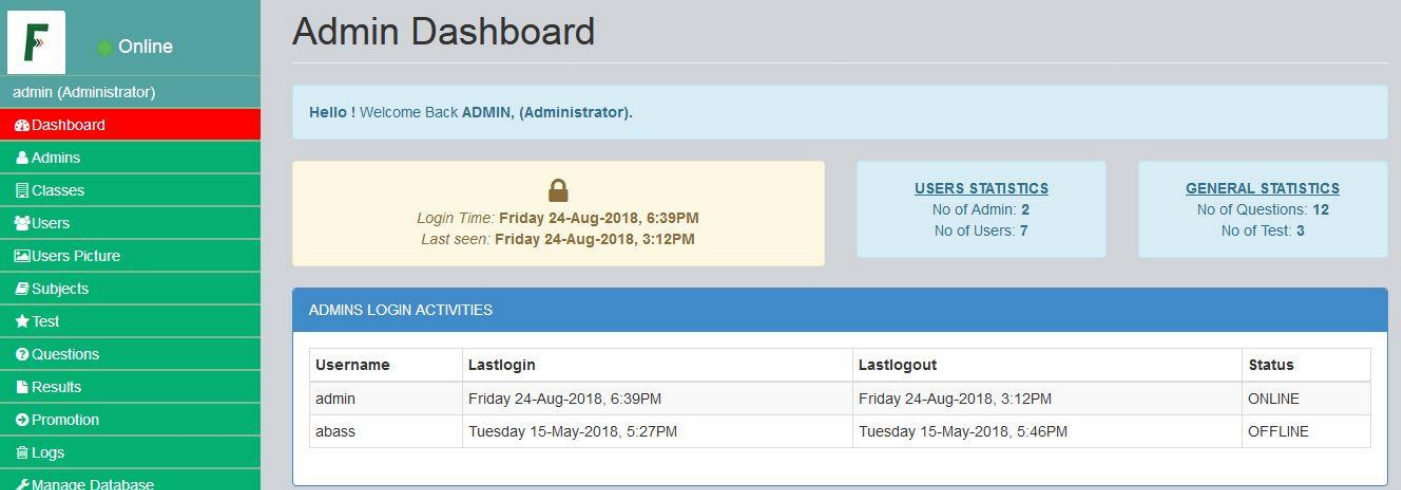
ADMIN FEATURES

To access the Admin page, just add **master** to the url directory where your cbtflux is installed in the browser e.g. localhost/cbtflux/master



The image shows a web form titled "Administrator Sign In". It contains three input fields: "Username", "Password", and "Security Key". Below the fields is a green "Login" button and a blue link "← Back to Homepage".

Admin Dashboard: Upon sign in to administrative area, admin will at a glance see total questions available, number of test/exams, number of admin, and number of candidate/users. Also all admins login activities like last time login, last time logout and current online status.



The screenshot shows the Admin Dashboard interface. On the left is a sidebar menu with items: Dashboard, Admins, Classes, Users, Users Picture, Subjects, Test, Questions, Results, Promotion, Logs, and Manage Database. The main content area is titled "Admin Dashboard" and includes a welcome message, a login time summary, two statistics boxes (USERS STATISTICS and GENERAL STATISTICS), and a table of ADMIN LOGIN ACTIVITIES.

USERS STATISTICS
No of Admin: 2
No of Users: 7

GENERAL STATISTICS
No of Questions: 12
No of Test: 3

Username	Lastlogin	Lastlogout	Status
admin	Friday 24-Aug-2018, 6:39PM	Friday 24-Aug-2018, 3:12PM	ONLINE
abass	Tuesday 15-May-2018, 5:27PM	Tuesday 15-May-2018, 5:46PM	OFFLINE

Admins: Admins are the administrators of the software; you will be able to see all admin online status, last time seen online, and ability to delete an admin, and ability to **Add New Admin**.

Classes: Classes are like categories in which each user/candidate must belongs. You will be able to view **Class ID, Class, Action** (*Edit Class or Delete Class*). You will be able to **Add New Class**.

Users/Candidates: Users/Candidates are the individuals that will have access to take test/exams. You will be able to see their **Full Name, Username** (*login ID*), **Gender, Class, Last time seen online, Current online status, Photo** (*whether there is photo attached to the user profile or not*), **Action** (*Edit or Delete User*), and ability to **Add New single User** or **Add Bulk Users**

The screenshot shows the 'All Users' page. On the left, a sidebar indicates the user 'admin (Administrator)' is online. The main content area has a title 'All Users' and two buttons: 'Add New User' and 'Upload Bulk Users'. Below these is a dropdown for '10 records per page' and a search box. A table lists 7 users with the following data:

Name	Username	Gender	Class	Last Seen	Status	Photo	Action
ADEKUNLE Adeshewa Abike	FHS003	Female	JSS2	Thursday 26-Apr-2018, 7:40PM	ONLINE	No	Edit Delete
AYELABOWO Muideen Oia	FHS001	Male	JSS1	Thursday 01-Jan-1970, 1:00AM	OFFLINE	No	Edit Delete
EMMANUEL Babatunde Olaniyi	FHS004	Male	JSS1	Sunday 13-May-2018, 5:57PM	OFFLINE	No	Edit Delete
Gabriel Audu Oyibo	FHS002	Male	SS3	Thursday 23-Aug-2018, 4:05PM	ONLINE	Yes	Edit Delete
OLATUNJI Abass Adekunle	OLATUNJI	Male	SS3	Thursday 23-Aug-2018, 3:56PM	OFFLINE	No	Edit Delete
OLAYEMI Abibat Foluke	ABIBAT	Female	JSS1	Thursday 01-Jan-1970, 1:00AM	OFFLINE	No	Edit Delete
TADESE Aminat Omolola	AMINAT	Female	JSS1	Thursday 01-Jan-1970, 1:00AM	OFFLINE	No	Edit Delete

At the bottom of the table, it says 'Showing 1 to 7 of 7 entries' and has navigation buttons for 'Previous', '1', and 'Next'.

Users/Candidates Picture: This will display the pictures of all the users. Select class and click display picture to show pictures of the users in the selected class. After displaying their pictures, you will have the ability to upload/change the picture of a user.

Ensure the picture you want to upload is NOT above 100Kb, must be in jpg, jpeg, or png format, dimension not exceed 200 X 250 pixels.

Subjects: Different type of courses. You will be able to view **Subject Code, Subject Title, Class** (*in which the subject belongs to*) and **Action** (*Edit, Delete, or Change Class*). Also you have ability to **Add New Subject**.

Tests: Test is the Test/Exam available for users/candidates to take. Admin will be able to view **Test ID, Total Questions** associated with the Test, **Test Name, Subject** in which the test belong, **Class/Category** of users/candidates that would be able to participate in the test, **Number of Questions** expected to answer, **Time** (*duration for the test in minutes*), **Status** (*either Enabled or Disabled. If test is Enabled, it will be available for users/candidates to take but if Disabled, it will not be available and won't show to any user/candidate*), **Pass Mark** (*a percentage mark in which user/candidate must score before considered Passed e.g. 50%*), **Display Result** (*whether to display results to users/candidates after completing the test. Set to Yes or No*), **Repeatable**

(whether the test is repeatable i.e. users/candidates will be able to take the Test as several times if set to Yes, otherwise s/he will have access to take the test once. Set to **Yes** or **No**), **Action** (Edit, Change Class or Delete).
Add New Test.

All Test

Add New Test

10 records per page Search:

ID	Total Q.	Test Name	Subject	Class	No of Q.	Time (min)	Status	Pass Mark	Display Result	Repeatable	Action
1	7	Construction Engineering	CEC 303 (Workshop Technology)	SS3	5	2	Enabled	50%	Yes	Yes	Actions
2	5	General Study	GNS 301 (Use Of English)	SS3	5	5	Enabled	50%	Yes	Yes	Actions
4	0	jamb	BIO 221 (Biology)	JSS2	20	15	Enabled	50%	Yes	No	Actions

Showing 1 to 3 of 3 entries Previous 1 Next

Questions: All questions available in the database. Admin will be able to view **Test ID** (the test in which the question belongs to), **Question Number** (denoted as QN, this is the serial number of the question which must be unique for all the questions in a test, e.g. Test ID 1 can have QN 1, 2, 3, 4, 5, ... While Test ID 2 can also have QN 1, 2, 3, 4, ...), **Question, Option1, Option2, Option3, Option4, Answer** (denoted as Ans, this is the correct answer among the options), and **Action** (Edit, Change Test, Delete). **Add New Single Question or Bulk Questions**

Add New Question Upload Bulk Questions

10 records per page Search:

Test	QN	Question	Option1	Option2	Option3	Option4	Ans	Action
1	6	What is CEC 303?	Construction Technology	Technology	Cons Te	Tech Soc	Construction Technology	Actions
1	7	What is Aggregate	Cement	Cement and Aggregates	Aggregates only	water only	Cement and Aggregates	Actions
1	1	Type of Batching	Btaching n ni	I dont know	By Weight and Volume	By Volume onle	By Weight and Volume	Actions
1	2	What is computer	a machine	a data	computer	a machine that accepts data	a machine that accepts data	Actions
1	3	what is mouse	eku	input device	rat	output	input device	Actions
1	4	where are we now	office	road	ona ile	ile	office	Actions
1	5	What is setting out	3,4,5	3,6,2	3,0,9	5,3,2	3,4,5	Actions
2	1	what is GNS	general study	ungeneral study	departmental course	non-useful course	general study	Actions
2	2	what is HOD	hood people	head of department	head of unit	I don't know	head of department	Actions

Results: All results of users/candidates based on the test. Select test name and click Display Results to view results of such test. Admin would be able to view **User ID** (Login ID of the users that wrote the test/exam),

Score (the number of right answers / total questions), **Percent** (percentage of the right answers), **Pass Mark** (percentage mark user/candidate must score before considered passed), **Remark** (whether Failed or Passed), **Date Taken** (date and time the test was taken by the user), **Delete** (admin can delete result but it will be logged in the database that a result was deleted by certain admin, and the logs are visible under **Logs** menu).

The screenshot shows the 'All Results' interface. At the top, there's a dropdown to 'Select Test to display Results' and a 'Display Results' button. Below that, it shows the test details: 'General Study', 'Subject: GNS 301 (Use Of English)', 'Class: SS3', 'Repeatable: Yes', and 'Display Result to User: Yes'. There's a 'records per page' selector set to 10 and a search box. The main table displays the following data:

User ID	Score	Percent	Pass Mark %	Remark	Date Taken	Delete
olatumji	4 / 5	80%	50%	PASSED	Friday 17-Aug-2018, 4:04PM	Delete

Showing 1 to 1 of 1 entries. Navigation: Previous 1 Next

Promotion: This is where to promote users/candidates from one class to another class. Admin will be able to see the promotion logs, any promotion action performed by any admin will be logged and display here.

Promoted From (previous class where users or class are before promotion), **Promoted To** (new class where users or class promoted to), **Date Promoted** (date and time the promotion action was performed), **Promoted By** (the admin who performed this function). You can promote all users in a class (**Promote Class**) or promote individual user from one class to another (**Promote Individual**).

Logs: If any admin deleted any result from Result menu, it will be logged and display here to promote transparency

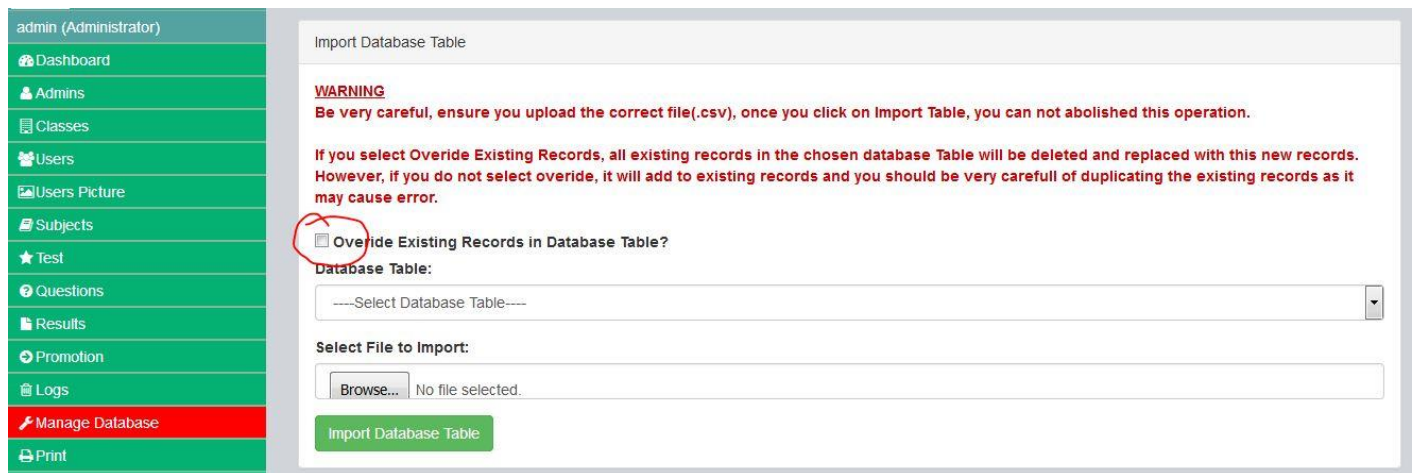
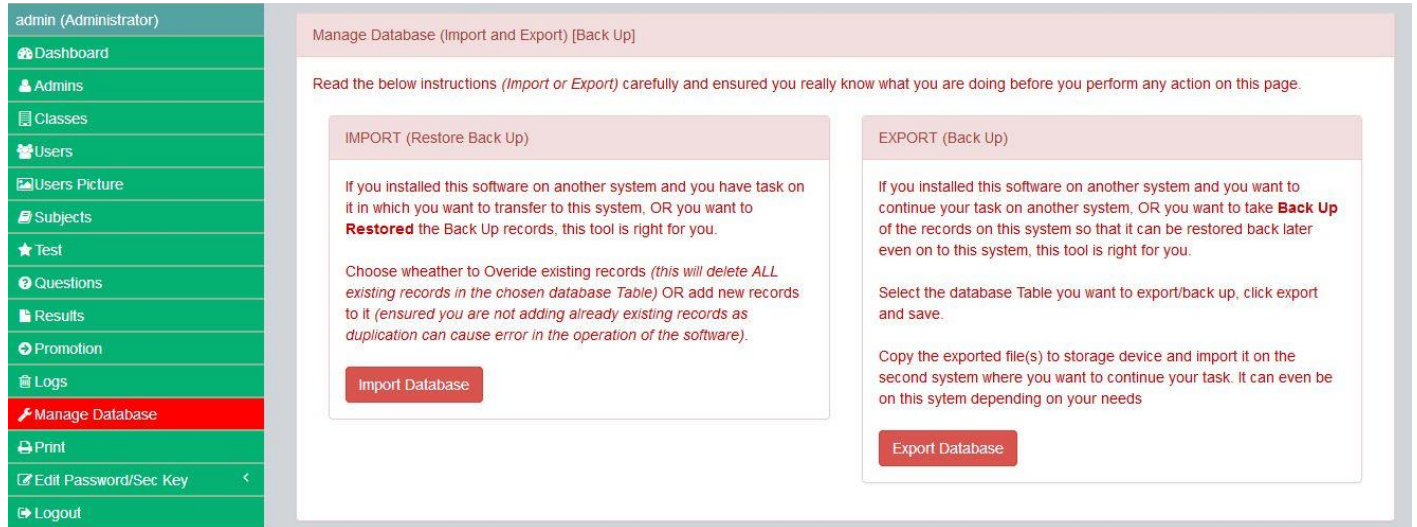
The screenshot shows the 'All Logs' interface. It features a 'records per page' selector set to 10 and a search box. The main table displays the following data:

Action	Date	Action By
OLATUNJI Abass Adekunle (olatumji) of SS3 result with test ID [1] deleted	Saturday 12-May-2018, 6:01PM	admin
OLATUNJI Abass Adekunle (olatumji) of SS3 result with test ID [1] deleted	Friday 18-May-2018, 3:16PM	admin
OLATUNJI Abass Adekunle (olatumji) of SS3 result with test ID [2] deleted	Saturday 12-May-2018, 6:05PM	admin
OLATUNJI Abass Adekunle (olatumji) of SS3 result with test ID [2] deleted	Saturday 12-May-2018, 6:16PM	admin
Olatunji Yeseeroh (yeseeroh) of JSS2 result with test ID [4] deleted	Saturday 12-May-2018, 6:19PM	admin

Showing 1 to 5 of 5 entries. Navigation: Previous 1 Next

Manage Database (Back Up): In this menu, you can **Export** records (Back Up) or **Import** records (Restore Back Up). **Export Database** (once you click on this, all the database table exportable will be display, just click on any one you want to back up and Export). **Import Database** (once you click on this, it will take you to

where you will select file to restore back up, you can choose whether to **Override** the existing records in database table; this will **delete** all records in the selected table and replaced with the new records you are importing. Then select **Database table** to restore/import records to. Choose the **file to import** and click Import Database Table).



Print: You can print student list in a class or print results. Once you select your choice, click print, it will display in **PDF** format for compact printing, you can then choose to save it or open it.

Edit Password/Security Key: To change your current password or security key to new one.

Logout: To logout of the software admin. Always remember to logout after completing your activities so that no one will use your admin ID to perform some action you won't actually perform.