

DEINMO APP/SOFTWARE

FOR CRECHE, NURSERY, PRIMARY, SECONDARY AND UNIVERSITIES

The **DEINMO** application is a software that keeps school records, such as employees, parents and students' information. It also calculates students' results, assign positions in each subject and displays maximum, minimum, class average and class positions. The information can be updated by the user till date.

The software is mainly to **calculate pupils and students' results in Creche, Nursery, Primary, Secondary as well as higher institutions. The software is password protected, offline and online, and can send SMS to parents that have not paid or not completed their children school fees in one click. It can also send SMS to staff in one click, validate parents emails and send results to parents via email in a single click, promote pupils and students to the next level in one click, record school fees payment and calculate total school fees payment for each student per term, register 500 students attendance in just 30 minutes, print exam attendance sheets and summarize reports for the key features described above automatically.** This software was developed based on careful and thorough research on the problems arising in the recording/registering/verification/computation/updating of students data in Nigerian schools. And it's very simple to use as even an inexperienced computer user can use this software by following the guidelines. However, we recommend for proper software utility, the administration staff or computer operator or secretary of the school should use the software.

KEY FEATURES OF THE APP

- High task efficiency with precision accuracy
- Password protected both Front-end and Back-end to avert hacking
- Result Transparency
- Time reduction and paper work elimination with school file document vault
- Students/staff performance check
- Barcode identity card management for student's verification and attendance
- Integrated Identity Card Recognition Software (II-CRS)
- School result computation in a single click
- Result Stamp Generation Functionality (RSGF)
- SMS messages, enquiries, reports to parents, guardians and staff in one click
- Record 500 student attendance in just 30 minutes
- Payroll generation for staff and identity card for verification
- School fees verification
- Advanced Filtering SMS Capacity (AFSC) targeted to parents who have not paid their wards/children's school fees and also not completed their fees in one click

- Advanced Result Sheet Sender (ARSS) package to send emails to parents/guardians who have paid their wards/children's school fees via email or print the result sheet via PDF in one click
- and lots more

HOW IT WORKS

The app consists of both front-end and back-end that a user needs to understand. But don't worry it's very easy to use.

The Front-End: **front end** is the graphical user interface of the software that makes it easy for the user. It consists of several interfaces, tabs, labels, text fields, buttons, etc. They are as follows:

- **Password Dialog Box:** Ask for a user to enter password. It provides the first line of defense against unauthorized access to the app and other information. Once a user input a valid password and click ok, the app will open for the user. Else it will not open for that user. Please don't share this password with anybody'
- **The Application Interface:** This interface will be executed once the password is successfully entered by the user. It contains several buttons and labels that makeup the complete model. It also contains contact details of the developer that you may have direct contact with him in case of any challenge. The click any button to carry out operation instruction will enable the user to take action on the interface. So that when the user clicks on any button it will take the user to that interface. We have eleven buttons in this interface which are: **Staff, Student, Creche, Pre-nursery, Nursery One, Nursery Two, Nursery Three, Basic 1-5, JSS 1-3, SSS 1 - 3 Art, SSS 1 - 3 Science Button**. These buttons will be explained later in this section.
 - **Staff Button:** when this button is clicked it take the user to the staff interface. And this interface will enable you to enter employee details. it contains six tabs, with labels and entries (text fields), text area and buttons. The tabs are located at the left side bar of the interface which are the **Home, Search, Attendance, Edit/Update, Email and SMS tab**. All these tabs carry out different task. The **Home tab** is where the user will register the employee and click on the buttons in the interface to save employee details in the database. Clicking on the **Add Staff** button will add the information to the text area. Before clicking on the **Verify Staff** button the user have to confirm the details added to the text area. When the user clicked on the **Verify Staff** button it saves the employee information in a database and generate a unique employee ID for each employee. This employee id must be in their id card to show that they are working in the organization. The **Search** tab search and display a single employee information in the text area when the employee ID has been entered by the user in the field and click the **Search** button. It's also verified whether an employee is in the database. Other buttons include the **Clear Search** and the **Clear Result** button. The **Attendance** tab print all staff and current staff attendance report when the user selects All or Current staff option and click on the print button. The additional feature of the **Search** tab will take attendance for all staff with their ID card scan with bar code and generate payroll report for every month. The **Edit/update** tab contains a Delete and Edit Employee button that when the user enters

the employee id and clicked on the Delete button will automatically delete the employee from the current staff table but the employee will not be deleted in the staff table to show that that employee was a staff of the institution. Clicking on the Edit Employee button will enable the user to edit employee details from the database and then clicking on the Update Record button will update employee information. **E-mail** tab send email text and documents to Academic, Non-academic, and All staffs in one click. And the **SMS** tab send SMS direct to Academic, Non-academic, and All staffs in one click to notify them upcoming events.

- **Student Button:** This operation executes when this button is clicked. It has same procedure as the **Staff Button**. But the difference is that in this interface all eligible students must be register by the user in this interface to have a unique admission ID. Any pupil or student that does not have the admission ID, he/she is not a valid student of the institution and will not be allowed to write any test or examination. The **Attendance** tab record attendance with student ID card being scanned. It's very fast and efficient, and can record up to 500 students in just 30 minutes and print attendance summary report for that day with their names and classes in order. print exam attendance sheet for all levels (names and classes) in order and a particular level when the user selects the class in the interface. It's compulsory in every examination. The **Search and Edit/Update** tab in this section have same functions as that of the **Staff** section. The **E-mail** tab send results to all parents via e-mail in one click. It's also send order documents to parents, like lecture table, examination time table, invitation letters in one click. **SMS** tab send SMS to parents for upcoming events that will take place in the school and notifications in one click. The **Promotion** tab automatically promote qualified students to the next level and generate promotion results report in all levels in ascending order of name and class in one click. The **QR Generator** tab generate bar code for all students for the purpose of attendance. And security. It identifies all registered students in the institution. The **Fee Payment** tab keep record of pupils and students school fees payment. Where by a parent pay multiple times to know how much he/she has paid to complete their school fees. Just enter the admission ID of the student and click verify button to generate the total amount that parent has paid. Its also generate report for multiple time payment and total payment in order of their names and levels in one click. The **Fee SMS** tab send SMS to parents that have not paid their children school fees and to parents that have not completed their fees in one click. The **Performance** tab, if the school want to know the 1st, 2nd, 3rd, ... performance of the entire school. Just select the required no. and click Ok button will display the overall best students of the entire school. For example, if the user select, 1, 2, 3, 4, 5, ... will generate the first 1st, 2nd, 3rd, 4th, 5th, ... students with their names, admission ID, Class, Gender and Average Score with their class positions of the entire school.
- **Creche, Pre-nursery, Nursery One, Nursery Two, Nursery Three, Basic 1 - 5, JSS 1 - 3, SSS 1 – 3 Art, SSS 1 – 3 Science Buttons:** Have exactly the same procedure. But the difference is their levels and the number of subjects in their interfaces. These buttons contain six tabs which are: **Warning, Upload Result, Print All Results, Print Single**

Result, Search Position and Highest In Class tab. All these tabs contain different information. The **Warning** tab contained labels that describe the name of the institution, how to upload results, the motor of the institution, the level and the definition of all the subject codes in the upload result interface. The **Upload Result** tab allow users to upload CA and Exam scores, select teacher's comment and Effective/Psychomotor Domain. Clicking on the calculate button with automatically calculate results, assign positions in each subject, display maximum and minimum score, class average and class positions. The **Print All Results** tab will generate all pupil/student result sheets and convert all the results sheets in PDF format and then click on the print button will print all results in each level respectively. The **Print Single Result** tab automatically generate single result and convert to PDF when the user enters the admission ID of the student. The **Search Position** tab display the class position of a student when the user enters the admission ID of that student and is display subject positions when the user selects subjects in that level. Finally, the **Highest In Class** tab display the best student in each level when the user clicks on the Best Student Button and also display the best subject performance when the user select the subject. This is very important because when the school want to award the best students just select **Highest In Class** tab described above and get the best students.

This app will promote your school and reduce time for teacher to attend to students and other academic activities. No user can manipulate this App because the data is coming from the back-end and the back-end is always protected by a password that the user does not understand.

The **Back-End**: The back-end, or the "server-side", is basically how the app send and retrieve, update and delete data. This refers to everything the user can't see in the front-end.

Thank you!! We hope you become an instant partner to push this new technology to new levels in Africa.

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