**Proposal for the Development of Online Registration Management Portal for NABTEB Modular Examination**

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# 1.0 EXECUTIVE SUMMARY

The field of information technology has improved tremendously in the past decade with the invention of all kinds of new technologies for example e-commerce, e-learning, e-business, and e-registration to mention a few.

There is no better time than now to move away from traditional paper-based enrolment. With COVID changing the way we all work, remotely-accessible, paperless administration solutions have moved up from being a luxury to a necessity.

In addition to the improved accessibility for candidates, an online system also significantly improves your access to rich data. In this technological era of education management and doing business, information is considered to be an important asset.

The availability of candidates’ data and feedback can help an educational institution to align its business processes according to the needs of its stakeholders. The effective management of these data can help institutions reach out directly to their students and stakeholders and also streamline its activities.

**[Company name]** specializes in crafting high-impact data-driven solution that are great looking and works on all devices to maximize your online presence and in turn your organization.

This solution aims to provide a modern way of addressing the concerns, in order to maintain an efficient service delivery system. Such concerns raised are the manual handling of registration and student records, with also the overall view of improving efficiency in the registration process.

# 2.0 PROJECT BACKGROUND

The National Business and Technical Examinations Board was established in 1992 to domesticate craft level examinations.

The National Business and Technical Examinations Board was established with the promulgation of Decree 70 of August 1993 and was charged with the responsibility to conduct examinations leading to the award of the:

* National Technical Certificate (NTC)
* Advanced National Technical Certificate (ANTC)
* National Business Certificate (NBC)
* Advanced National Business Certificate (ANBC)
* Modular Trade Certificate (MTC)

The board is experiencing increasing number of candidates for the Module Examination hence the need to migrate from the current analogue registration system to a robust digital registration system.

This is to afford the growing number of candidates the opportunity to register for the examination at any nearby outlet with internet facilities, thereby improving accessibility and ease.

# 3.0 COMPANY BACKGROUND

Company description …

## 3.1 PROJECTS COMPLETED

Of our most relevant projects in terms of complexity, we are happy to state the following.

**01**

|  |  |
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| **Project Title:**  **Development of Lagos State COVID Result & Surveillance Management System** | |
| **Narrative Description of Project:**  Effectively managing COVID requires a tight collaboration between various entities including the testing centers, surveillance teams, policy makers, isolation centers, field officers, banks and more.  Lagos State, being the epicenter of the pandemic in Nigeria needed a mega-solution manage huge operational data, connect the various entities and use the complex interplay of disparate data sources to provide reports and dashboards to guide policy makers.  This portal is critical to Lagos State’s COVID management. Being down for 1 minute could mean someone is stuck at the airport, for example. | |
| **Location within Country: Lagos** | **Duration of Assignment**: 14 weeks |
| **Name of Client: Lagos State Ministry of Health** | Client Address: Lagos State Biobank, Yaba, Lagos. |
| **Technology Infrastructure**   * Web portal built with PHP/MySql * Android & IOs app | **Environment**  Solution was deployed online  Currently available via <https://lagosepid.com> |

**02**

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| --- | --- |
| **Project Title:**  FG Houses – Enterprise Resource Planning (ERP) | |
| **Location within Country**: Abuja FCT | **Duration of Assignment**: 8 weeks |
| **Name of Client:**  Presidential Implementation Committee | **Client Address:**  Edo House, Ralph Shodeinde Street, Central Business District, Abuja |
| **Narrative Description of Project:** The client required a fast an efficient process for record keeping, retrieval, reporting and for their general statistical analysis.  Their operations covered the 36 States of the country, and with various departments involved in information gathering, dissemination, data inputting among other function. Their previous system was unable to efficiently address the issue as information loss, inconsistent records and the inability to provide timely unscheduled report.  Our team was able to deploy a customized application that interfaced with all units involved eliminating the gap of inconsistency among their other concerns with a fast and accurate reporting process with just a few clicks. This was all done with minimal loss in their legacy infrastructure. | |

**03**

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| **Project Title:**  Brainstorm247 (an e-exam platform for WAEC, NECO, UTME, ICAN etc) | |
| **Location within Country**: Abuja FCT | **Duration of Assignment**: 24 weeks |
| **Name of Client:** AllanWoods Nigeria | **Client Address:** #3 Port Harcourt Crescent,  Off Gimbiya Street,  Area II, Garki  Abuja |
| **Narrative Description of Project:** Brainstorm is an educational self-development and exam preparation portal for candidates who aspire for excellence in the UTME, SSCE/NECO exams.  Candidates register on the portal, makes payment and get access to take tons of past exams simulating a real scenario as much as possible.  It is yet to be launched | |

**04**

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| --- | --- |
| **Project Title:**  Acada 360 School Management Solution | |
| **Name of Client:** Several Schools (Primary & Secondary) across Nigeria |  |
| **Narrative Description of Project:** A revolutionary solution backed by a mission to take pain away from managing your school (Nursery, Primary & Secondary).  We are out to make you take better strategic decisions backed by qualitative information. We want you to feel our passion of pushing to your fingertips quality information with far greater insights and value.  It features “Super-Smart” Grades Reporting, “Bigger Picture” Performance Analysis, “Easy-as-A-B-C” Grades Management, 2-WAY "Stay-In-Touch" System, Payment & Invoice Tracker, Admission & Record Management and lots more | |

# 4.0 SOLUTION OVERVIEW

NABTEB needs a robust technical infrastructure, leveraging on ICT, to achieve effectiveness and maximum efficiency in achieving its mandate. The current system of registration for Modular Examination needs a deep overhauling to reflect the new energy and vigor of the management in improving ease of access for candidates. The new system would also be data-driven at a deep level, providing cutting-edge transparency and access to fluid reporting for better policy making.

**[Company name]** specializes in crafting high-impact data-driven solution that are great looking and works on all devices to maximize your online presence and in turn your organization. There are now more than 232 sizes of screens available in different devices. Most people access the Internet through mobile devices today. It is important to build a portal that can automatically tailor its interface to the screen sizes of all devices.

This solution aims to provide a modern way of addressing the concerns, in order to maintain an efficient service delivery system. Such concerns raised are the manual handling of registration and student records, with also the overall view of improving efficiency in the registration process.

4.1 Implementation Modules