

## EDUCATION PORTAL AND SOFTWARE DEVELOPMENT PROPOSAL

PREPARED BY



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## Educational Portal Design and Software Development Proposal

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### INTRODUCTION

Information Technology (IT) has dramatically transformed the Organisations and lives of individuals. It provides businesses the scope to analyse data and plan business strategies accordingly. Utilizing information technology means that the data analysis is accurate, thus optimizing profits. Information technology has had a major impact on various aspects of businesses.

The World Wide Web (WWW) has made the world to become a global village, allowing serving of information to people in geographically dispersed areas and reaching targets who may have never known the organization or its products/services.

The internet has also overtaken traditional advertising channels (Printing, Radio and TV) to become the number one medium of marketing and advertisement.

#### **Roles of Information Technology in School**

- Increases information access and reaches more Student who may be interested in getting Admission. Google and internet have become the first point of call for Student while looking for information.
- Information Technology Improves service delivery, student and the general public shall be able to interact with the School more easily.
- A website acts as a platform for showcasing School facilities, services and achievements.

**Lajela Technologies** is at the forefront in developing creative, secured, user friendly and easy to update Software, Websites/Portal which run smoothly on mobile devices and computers.

We adopt the latest software and website development technologies at delivering world class websites meeting the latest recommended search engine policies.

We are based in Abuja and Benue State Nigeria and we provide services to companies and organizations across the globe.

As an organization we strive to develop world class websites and computer software at optimum costs;

### General Information

- Main office: Suite B HSE 3001.MPAPE, UND ST. Mpape 4, ABUJA NIGERIA,
- With a team of creative developers
- Industries served: Education, Banking, Healthcare, Associations, Media and Publishing, Not-for-Profits, Start-ups Organisations

### Primary Services

- Software Development Website design, web application development and search engine optimization
- Payment Gateway integrations to facilitate e-Payment
- Content Management Systems (CMS) to improve quick service delivery

### What Makes Us Different

- **Our company culture:** collaborative, innovative, open-minded
- **Our size and capabilities:** experienced team of varying ICT expertise
- **Our partnerships:** partnership with industry's leaders in related ICT solutions
- **Our commitment to full lifecycle customer support:** 24x7 support

We have had the honour of working with various sectors among them are Banking Sector (VTU Creator probably the best open source for Banking System in the world - [www.vtucreator.com](http://www.vtucreator.com)), Educational Sector (Lajprepare Free CBT Computer Software - [www.lajprepare.lajela.com](http://www.lajprepare.lajela.com)).

## 1. PROPOSED SOLUTIONS

**1.1 Educational Website** – we propose to develop a website using an appealing and beautiful template which is mobile friendly to support smooth running on mobile devices, tablets and also computers with **secured** architecture that shall ensure the website is protected from hackers. We shall also add website backup and restore tool to ensure the website and database can be backed up periodically.

A search engine friendly Website to allow search engine spiders to easily index and rank the website properly. This shall ensure website is easily located when people search information relating to school or admissions.

We also integrate the website with social media accounts e.g. Facebook and Twitter, this shall ensure the website is vibrant and people can ask questions and get assistance on social media.

**1.2 Educational Portal and Result Processing Software** - we propose to develop easy to use and **secured** Educational Portal where student can apply for admission, upload files and pay for any necessary applicable fees and an offline result processing computer software that Lecturer can install on their computer to prepare students' result offline either on departmental bases and uploading it to the School central result portal where Students shall be able to access (using username and password or Student ID) their exam reports, admission status, fees/balances and more details as may be required by the School.

**1.3 Dynamic Information Management Systems (IMS)** – we propose to develop offline or online dynamic information Management Systems for (Human Resource (HR), Front Desk, Hostel, Procurement, Security etc.) with easy to use content management system which allows the users to easily update the content independently with basic computer knowledge.

**1.4 Banking System** - we propose to develop to a **secured** banking system where students or any individual can have a valid and approved Nigeria Uniform Bank Account Number (NUBAN) under the School, money can be transferred to the bank account number using any bank's Unstructured Supplementary Service Data (USSD) and banking apps at any time and their balance will be credit immediately on success transfers.

This banking System will also be associated with Teller Management Software (TMS) that anyone can use to manage transaction like withdraws and deposits at the branch and app student or any individual can use to do transactions online.

**1.5 File Management System** - we propose to develop dynamic File Management Systems that can work both offline and online, can automatically backup files and folder(s) on cloud from computer, and ease file sharing tools with staff and clients.

**1.6 Communicating Software** – we propose to develop communicating and contacts management software with a short message service (SMS) gateway and Email gateway to facilitate the School send periodical messages (SMS/Email) to the parents or target groups. These services shall assist the School improve on communication or increase the marketing channels.

### **1.i Training, Hand-over**

The proposed software shall be developed on a simple to manage platform to ensure that someone with basic computer application skills shall be able to easily manage and update content as shall be needed without involving the developers.

We propose to train the person who shall be responsible for maintaining the software.

## 2. PROPOSED PAYMENT PLAN

Lajela Technologies proposes payments in instalment phases of the agreed price on any software or website interested. The Instalment payments are as outlined below.

	<b>PAYMENT</b>	<b>PERCENTAGE AMOUNT</b>
<b>1.</b>	1 <sup>st</sup> Instalment down payment to commence project	<b>50%</b>
<b>2.</b>	2 <sup>nd</sup> and final Instalment, on training and launch	<b>50%</b>

## 3. MAINTENANCE AND SUPPORT

- We provide **two (2) months support and bug/issue fixes on developed Software or website at no extra cost; which begins after Software Delivered.**
- Maintenance and support shall be done online, via phone, chat, email or on location.
- After the end of the two months, we are open to assisting the in maintaining the at a mutually agreeable fee; though we train and encourage in-house maintenance to ensure maintenance fees are at a minimum.