



SOFTWARE PROPOSAL

Project: Alumni's Questionnaire Management System

Client: Accra Technical University

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Submitted By:

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Scope of Service

Research

From the research our team made, we have been able to gather the software requirement of the website. In this case, the website will have the following features;

Features

ITEM	DESCRIPTION
Authentication	To verify before answering of questionnaire
Login	Email, Password
Sign up	First name, Last name, Email, Contact & Password
Admin Dashboard	View all users, Analytics on answered questionnaires, Admin can create, Edit & Delete Questions. Print or Download Responses in Excel, CSV or PDF File.
Frontend/User Interface	Bootstrap
Backend/Database	MYSQL, PHP
Framework	Laravel
Hosting Service	Namecheap

Design

Features of the system would be sent to you from time to time.

Development

Technologies to be used

- Bootstrap
- MYSQL
- Laravel
- Namecheap

Development Process

Bootstrap -> will be used to design the system and make the website responsive.

MYSQL-> will be used to build the database to store data.

Laravel -> Will be used to handle the authentication processes, form validation and logic for the system to function such as scalability and efficiency.

Namecheap -> will be used for the hosting of the website on the world wide web.

Software Development Overview

- Landing Page: This page will provide alumni with adequate information on the survey.
- Login Page:
 - Alumni Login Page: After creating user accounts. Users will have to login through the login page.
 - Admin login Page: admins will have login to be able to view/manage the system.
- Create Account Page:
 - Alumni Create Account
 - Admins will be provided with a fixed user login and password which can be change over time.
- Alumni's Home: This is will be a page for the alumni's to fill the form then logout after submission.
- Admin Dashboard Page: This will be a page to help the admin to be able to manage form questionnaire such as create, edit and delete questionnaires

also view the number of alumni's who has participated in the survey and as well download responses in an excel file, csv or pdf file.

Additional Recommendations

User Testing

Although not required, testing the designs with real users will greatly improve the quality of the finished design and help catch usability issues before time is spent building out the designs. User testing involves our usability professionals recruiting up to 5 users and asking them to perform tasks. We record the results of the test and then deliver the video to you along with a list of usability issues or comments that our design team can implement. It's like the digital version of the old adage "Measure twice, cut once."

Support Retainer

We recommend retaining our services after the site is launched to assist with any further support issues that arise. As part of this retainer, we will also provide monthly analytics reports and recommendations to further improve your site conversion.

Time Frame

To complete the work outlined in the project scope, we'll need approximately 10 weeks from beginning to end, depending on when we receive feedback at each milestone. Upon signing the proposal, we are prepared to start work immediately.

Phase	Week(s)
Database Design	1
Testing of Database & Authentication	2
Designing of Alumni's Section (Login, Signup and Questionnaire forms) & logic	3-4
Designing of Admin's Section & Logic	5-6
Making the System Responsive	6-7
QA Testing & Review	8
Deployment to live site	8

Your Investment

Below is the budget we've estimated based on the scope of services outlined earlier in this proposal. If you have any questions about our pricing or need to increase or decrease the scope of work, please leave a comment and let us know.

Core Budget

Description	Price (GHS)
Authentication	¢ 450.00
System Design	¢ 500.00
Dashboard for Admin	¢ 800.00
Responsive website (Accessible on Mobile & Desktop)	¢ 0.00 (FREE)
Testing & Evaluation	¢ 0.00(FREE)
Submission of System & Database	¢ 0.00(FREE)
After 2months of project completion – support & maintenance	¢ 0.00(FREE)
Hosting/Deployment of Website	¢ 550.00
Total Cost	¢ 2,300.00

Recommended

Description	Price (GHS)
User Testing	¢ 400.00

Support & Maintenance (Monthly)	¢ 200.00
Total	¢ 800.00
Core Budget + Recommended Budget	¢ 3,100.00

Our Team



Joshua Nyarko Boateng

Team Lead

I am passionate about solving societal problems with my technical abilities as a software engineer.

Technical Skills

Web development: HTML, CSS, SASS, JAVASCRIPT, PHP, FLASK

Desktop Application Development: JAVA, VB.NET

Design Tools: Bootstrap, Figma, XD

Data Analysis: Python

Version Control: Git

Database: MYSQL, SQLITE3

Contact: Joshua.boat19@gmail.com

Linkedin: <https://linkedin/in/joshboat>

GitHub: <https://github.com/josh-boat365>



EMMANUEL LARBI

Associate Software Developer

I am passionate about designing and developing websites

Technical Skills

Web development: HTML, CSS, SASS, JAVASCRIPT, PHP

Desktop Application Development: JAVA, VB.NET

Design Tools: Bootstrap, Figma, XD

Version Control: Git

Database: MYSQL

Contact: ekwabena57@gmail.com

Linkedin: <https://linkedin.com/in/emmanuel-larbi-90086a210>

GitHub: <https://github.com/ManuelDCoder>



FUAD MUHAMMED

Associate Software Developer

I am passionate about bringing ideas to life through application softwares.

Technical Skills

Web development: HTML, CSS, SASS, JAVASCRIPT, PHP

Mobile Application Development: Flutter

Desktop Application Development: JAVA, VB.NET

Design Tools: Figma, XD

Version Control: Git

Database: MYSQL

Contact: tchnvirus@gmail.com

LinkedIn - www.linkedin.com/in/fuad-muhammed-2000/

GitHub - www.github.com/G4me8woy

Previous Projects

This was a crime reporting management system built for a final year B.tech student.

The image displays two screenshots of a web application titled "Crime Reporting System".

The top screenshot shows the homepage with a dark background and a glowing blue and red light effect. The text reads: "YOU CAN SECRETLY AND PRIVATELY REPORT CASES ON," followed by "Child Abuse, Murder Cases, Kidnapping, Theft Cases & Cybercrimes". Below this is a yellow banner with the text "CRIME SCENE DO NOT CROSS". The navigation bar includes links for Home, About Us, Crime Categories, News, Contact, Sign/SignUp, and a prominent "Report A Crime" button.

The bottom screenshot shows the "Make a Report" form. On the left is an image of a person in a hoodie using a laptop. The form fields are as follows:

- Full Name**: A text input field.
- Select Case Type**: A dropdown menu with "Child Abuse" selected.
- Contact**: A text input field containing "+233 024324324".
- Choose Video optional**: A "Choose File" button and the text "No file chosen".
- Choose Audio optional**: A "Choose File" button and the text "No file chosen".
- Choose Image optional**: A "Choose File" button and the text "No file chosen".
- Message**: A large text area for the report details.
- Submit**: A large black button at the bottom of the form.

