

Development of Online Book Store

February 22, 2021

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Proposal For Dr. Eric Tangumonkem

By Smart Developers

Overview

Smart developers are pleased to submit this proposal for services to support Dr. Eric Tangumonkem in achieving his goals for taking book publishing and reading to everybody across major countries in Africa especially Cameroon by developing a scalable and robust online book store for readers and publishers across Africa.

Objectives

1. Create an easy-to-use web-based platform for writers to publish their books and get rewarded.
2. Provide readers across Africa easy access to books and journals anywhere anytime.
3. Create a secured e-book system/online book store with features that prevents piracy and redistribution of books
4. Easy the trouble involved in publishing books and purchasing books in Africa.
5. Provide audio books for people without reading ability in order for them to have access to knowledge.
6. Create a platform for excellent African readers to monetize their reading skill.
7. Provide payment gateways that are mostly used and available to users across Africa.

Execution Strategy

Our execution strategy incorporates the use of popular and secured web application development technologies for the user interface, React preferably and a fast data processing stack for the backend phase of the web application, Laravel preferably. We'll also make use of a verified and trusted payment gateway to handle the payment section of the application (STRIPE) and also integrate MTN mobile money API. Lastly the web application will be hosted on a web service provider that can handle a large number of users concurrently, Amazon web service will be preferred.

Technical/Project Approach

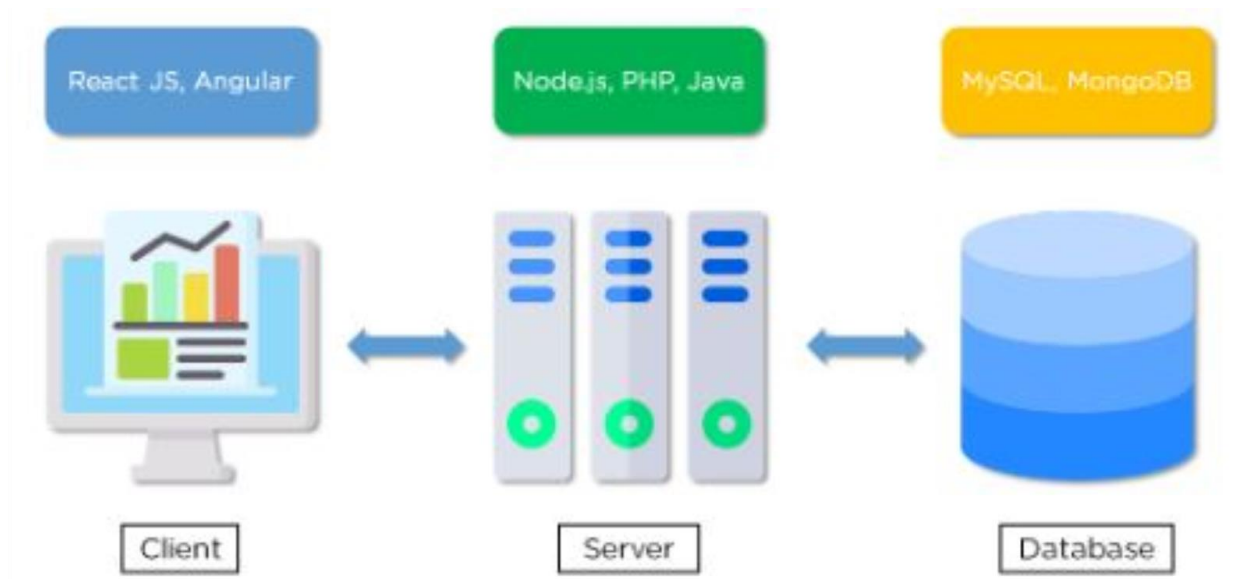
Since our target is majorly the android mobile phone users in Africa, there are two best ways to prevent redistribution and piracy of books on this platform.

1. Ensure the books can only be read through this web application just the way YouTube videos can only be watched through YouTube/YouTube app.
2. Build a custom ebook reader for our platform which the users will have to download from google play store.



Application Architecture and Flowchart





Timeline for Execution

| Description | Start Date | End Date | Duration |
|-----------------------|----------------|----------------|----------|
| Project Start | Feb 25, 2021 | May 8, 2021 | 10 Weeks |
| UI/UX | Feb 25, 2021 | March 10, 2021 | 2 Week |
| Front-End Development | March 11, 2021 | March 24, 2021 | 2 Weeks |
| Back-End Development | March 25, 2021 | April 22, 2021 | 4 Weeks |
| Testing | April 23, 2021 | May 7, 2021 | 2 Weeks |

| | | | |
|-------------|-------------|-------------|-------|
| Flag Off | May 8, 2021 | May 8, 2021 | 1 Day |
| Project End | May 8, 2021 | May 8, 2021 | |

Pricing

The following table details the pricing for delivery of the services outlined in this proposal.

| Service Cost | Price (USD) |
|--------------|-------------|
| Total Cost | \$2900.00 |
| Total | \$2900.00 |


Disclaimer: The prices listed in the preceding table are an estimate for the services discussed. This summary is not a warranty of final price. Estimates are subject to change if project specifications are changed or Additional services are required outside or in addition to the discussed project.

Note: The changes in timeline for execution and total cost is as a result of additional features and requirements added to the project as discussed in the previous meeting held on Tuesday 23, 2021.

Also, Initial payment of 60% of the total cost, which is \$1740 out of \$2900 is required for the execution of this project while the other 40% to be paid on delivery.

Conclusion

We look forward to working with you and supporting your vision and mission across Africa. We are confident that we can meet the challenges ahead, and stand ready to partner with you in delivering an effective IT support solution.



If you have questions on this proposal, feel free to contact SMART DEVELOPERS at your convenience by email at ogunbameruakintayo@gmail.com or by phone at +234 813 529 9435.

Thank you for your trust,

Smart Developers