



DEVELOPMENT PROPOSAL

CLOCKING SYSTEM

KATLEHO

TECHCODE HIVE

53 Kiaat str, Makhado 0920

Katleho Mofokeng

Katlehomofokeng179@gmail.com

Good day Sir/Madam

Please find attached our software specification digest for your consideration.

We are aware that creating a client-orientated software takes a mixture of technical excellence and clear communication and our firm has only the very best to ensure you receive both. We understand that every client is unique, and we strive to deliver an individual, innovative, and affordable proposal every time and to follow it through with an outstanding delivery which is both on time and within budget.

A non-refundable R650 sign-on fee is required on your acceptance of this procurement.

Finally, we appreciate your time in advance for consideration of the time spent reviewing our proposal.

Yours Truly

Mofokeng K.M

Upon acceptance, please sign below and return this page as proof of acceptance of this proposal and contract.

Name: _____

Date: ____/____/____

Sign: _____

Executive Summary

- We pride ourselves in our performances as far as our after-sales client care including guarantees, staff-training, onsite/offsite support.
- This procurement is to indicate the required information as to also indicate the understanding of the specifications by the development team as required for your approval.
- The development of the application will be done using agile management method and the system will be a web-based application.
- Provide user and data validation as a security concept and offer system integration with other user identifying equipment for seamless use
- The system would be expected to have a dashboard interface for management convenience and easy system usage to provide easy tabled results such as hours worked number of leave days taken.

Project Overview

Challenges for this type of project were identified that the most important aspects or the four pillars of this program are security, interface, accessibility, and availability.

1. Security

- The system needs to authenticate to validate the user's and designated permissions.
- The use of SSL encryption and server protection tools to mitigate the threat of attacks and render the service inaccessible

2. Interface

- Provide a user friendly correctly labelled, and colour coordinated in a manner friendly and most importantly safely for user usage including those prone to seizures and photolytic areas.

3. Accessibility

- The need for users to use their emails for signup and verification.

4. Availability

- Provide access to the necessary users for easy usage to provide seamless process handling

Development Techniques

Milestone	Tasks	Deliverables	Days
Planning and analysis	Identify the requirements of the projects, and market usage of such application	Report on the market analysis and understanding of project requirements	28
Architecture Design (Back-end)	Define the flow and structure of the application	Identified functionality, and data flow charts.	70
Create GUI	Design the user interface and create the necessary colour corrections.	View components and be able to see how the app would look and feel	35
Unit Integration	Establish a connection between application units, and other external tools such as google analytics	Be able to establish or view reports and tips from different units and other applications to be used in the main app.	25
Testing	To establish weaknesses and limitations to the application for refactoring	Deployable application package	20

- Each day is assigned 5 hours to a specific project.
- Project timeline may vary due to changes in the requirements



