Web Based Property Management System Proposal

BINIAM SHIFERAW

+251-986-88-5946 | seifubini@gmail.com

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Contents

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Introduction

The importance of Information technology (IT) in business, weather it is used to support the business, or to generate revenue, is now recognized throughout the world. Technology based solutions are the first-hand problem solving mechanisms in the current world, taking advantage of every possibility for a business. Since the world is using eco and user-friendly, zero-paper processes to help save our environment using such systems will provide a great benefit to this cause. So on this document I will try to list the major functions to be developed and the time frame and total budget of development.

System Modules

To make the system easy to manage I have listed out the following modules as the core functions, each module will perform its own activity and record status modules may communicate with each other only in needed occasions for security and management reasons.

- User management
- Property Management
- Facility Management
- HOA Management
- Repair and maintenance services
- Rent collection
- Security Deposit
- Mortgage and Utility management
- Inspections of properties
- Accounting and Reporting Services
- Leasing
- Services Management

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Considering the above listed modules are the major functionalities for the system, my random estimation will be a total of 2 months to complete the project and the total development cost will add up to 45,000 ETB.

Timeframe and Cost

This system will take a total of two month to complete and deploy for use, in the table below I have breakdown the works into modules and list the time they will take to develop, since the system will be flexible to accommodate any further expansion and addition of a future modules which will be added after the development is started will be managed accordingly.

No.	Task Name	Time it Takes in Days
1.	**User Authentication & Administration Module**	7 Days
2.	**Property Management Module**	10 days
3.	**Facility Management Module**	5 Days
4.	**HOA Services Module**	5 Days
5.	**Repair and Maintenance Service**	5 Days
6.	**Employment Services**	5 Days
7.	**Frontend Website**	10 Days
8.	**Report Module**	7 Days
9.	**Other Additional Modules (news, messaging … etc)**	7 Days

The project will take a total of 61 days almost two months including testing periods and the total cost is 45,000 birr this cost will include the hosting free for one year, for the first year the domain and hosting space will be purchased by me, then in the coming years the client will take over the responsibility.

Payment Schedule

If the client accepts the proposal and wants to continue with the project the payment schedule will be divided into three phases

> ❖ First phase down payment for the project to start 35% of the total cost.
>
> ❖ Second phase of the payment, after 50% of the system features are developed and hosted online for testing 35% of the total payment will be paid.
>
> ❖ Final Payment after the client test the system features and confirm everything is according to their need the final 30% payment will be deposited.

Note. The total cost and Payment schedule are all up for negotiations.