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Creating Waves for the Future



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An Application Development Proposal for LODGE

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Prepared for | Ahn Heewoong

Prepared by | Tech Wave

Goals and Objectives

Developing a mobile application for LODGE that deals with bookings of units from different booking platforms, that aims to streamline the process, improve data privacy, and reduce the need for manual communication between upper management and unit managers. Here's a breakdown of the proposed system.

LODGE needs features that:

- Eliminates the need for constant manual communication between upper management and managers.
- Enhances data privacy by restricting access to confidential information.
- Streamlines the booking process and makes it more efficient.
- Provides a user-friendly calendar for managers to track bookings.

**Development Scope**

Registration	<ul style="list-style-type: none">• User can register if they are an admin (upper management) or staff (unit manager)• Registration as an admin will need validation using a PIN that has been declared by the system.	Inclusive
Login	<ul style="list-style-type: none">• System will determine whether user logged in is admin or a staff	Inclusive
Homepage	<ul style="list-style-type: none">• Homepage consists of different units that are available to be rented• New units can be added in the database, and will be shown immediately within the system	Inclusive
Calendar	<ul style="list-style-type: none">• Shows the names of the client who booked the unit their check-in and check-out dates.• The unit managers can only view the calendar, while the upper management can add booking details	Inclusive
Bookings Tab	<ul style="list-style-type: none">• Shows all the bookings of a particular unit with the name of the client, number of guests, and their check-in and check-out dates.• Bookings are sorted in check-in order, for the users to navigate easily.• All bookings that are done, will automatically be sent below the list of bookings with a check mark, indicating that the booking is done.• Upper management can only delete the booking.	Inclusive
Booking Details	<ul style="list-style-type: none">• Full details will be shown after clicking a booking in the bookings tab.• Upper management can edit all details.• Unit managers can only edit number of guests, and requests.	Inclusive
Mobile App	Coding and construction of the system in Android Studio, using Flutter for the framework, and dart for the language.	Inclusive



Project Timeline

If LODGE chooses Tech Wave to fulfill the mobile application design and development solutions defined, our project timeline will proceed as follows:

PHASE	ACTIVITIES	DURATION
Design and Architecture	Carefully planning the system's design and architecture with LODGE to further meet its requirements	3 days
System Development	Coding and construction of the system in Android Studio, using Flutter for the framework, and dart for the language.	3 days
Backend Development	Integrating Firebase as the system's database	3 days
Testing and Quality Assurance	Pilot testing for user experience and other concerns for change	7 days
Deployment and User Training	System will be deployed and train users on how to use it	3 days
Maintenance and Support	Careful monitoring and patch updates	2 years

Next Steps

If the services and conditions outlined in this proposal merit the approval of Ahn Heewoong, the next steps must be to:

- Accept the proposal as-is.
- Express intent if there are changes desired
- Finalize and sign contract
- Deposit an initial payment of 50% of total project fee.
- Deposit remaining 50% when the app is deployed.
- Payment can be made via **GCash**.
- Mobile Application Development Package is **Php 5,000.00**.



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Company Core Values

Tech Wave is a leading web development company that has established itself as a prominent player in the digital landscape. With a strong focus on creating stunning and functional websites, Tech Wave has become a trusted partner for businesses and individuals seeking to make their online presence felt.

Every website project undertaken by Tech Wave is approached with a deep understanding of the client's unique needs and objectives. Whether it's a small business looking for a basic web presence or a large corporation in need of a complex e-commerce platform, Tech Wave has the expertise to deliver.

Client satisfaction is at the core of Tech Wave's values. The company maintains a client-centric approach, where open communication and collaboration are key. Throughout the development process, clients are kept informed and involved, ensuring that the final product aligns perfectly with their vision.

With a dedicated team, a commitment to staying current with industry trends, and a focus on client satisfaction, Tech Wave is well-positioned to continue making waves in the world of web development. If you're looking to bring your online ideas to life, Tech Wave is a name you can trust.



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Terms and conditions

Tech Wave permits the Clients to provide all supplies and data needed by us to perform the service in compliance with any specified requirements. These materials could consist of, but not be limited to, pictures, text, logos, and other printed items.

Tech Wave also assumes that our clients have secured all required authorizations from the rightful proprietors to utilize any photos, graphics, papers, and other resources for inclusion in this project. Any claim or lawsuit resulting from the usage of these materials is off limits to Tech Wave.

Any necessary costs that exceed the scope of our initial estimate must be paid back by you to Tech Wave. These costs may include things like templates, third-party software, additional third-party resources, or other charges that are not expressly included in the project budget that has been agreed upon. If such expenses arise throughout the course of our partnership, we will present you with a thorough summary of these extra costs for your permission prior to making any purchases or hiring any services. The smooth progress of the project will depend on your early recognition and approval of these costs

Tech Wave is pleased to offer you the opportunity to revise the website design. However, we retain the right to limit the number of design proposals to a reasonable amount and may charge for additional designs if you request changes to the original design specification.

Tech Wave specializes in designing websites for clients and is committed to delivering high-quality digital solutions. This policy outlines our understanding and terms of engagement for your project.