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**Haukainga HomeWinds**

**Project Proposal**

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# Section 1. Overview

## 1.1 Purpose

The purpose of the Haukainga Home Winds project is to design and develop a web-based property booking system. With a strong focus on Maori themes and culture, this website aims to provide a unique experience that differs from ordinary booking sites like Air B&B, Bachcare, Booking.com, etc.

## 1.2 Business Context

The client is New Zealand based and 100% Maori owned. Providing properties in major cities and back-country regions, they aim to deliver an authentic Maori experience.

## 1.3 Scope

Includes:

* Requirements analysis
* Design, development, testing, and implementation of the website
* Documentation

Excludes:

* Maintenance of the website
* On-premise deployment

## 1.4 User Characteristics

Administrator (1-3):

* Make general changes to the website
* Administrative tasks

Property owner (1-12, depending on the number of property owners):

* Manage bookings
  + Change property details on the website

Customer (1-1000):

* Place bookings
* Edit bookings

# Section 2. Assumptions, Dependencies, Constraints

## 2.1 Assumptions

* The client will handle the maintenance of the website
* IT-Infrastructure will be handled by the client
* Financial capabilities to fulfill the required payment

## 2.2 Dependencies

* The client provides images and information about the properties
* Support for cultural aspects
* Communication between the project manager and development team

## 2.3 Constraints

* Legal and privacy requirements
* Payment functionality of the booking system
* Photo Identification
* Future partners not part of initial development

# Section 3. Requirements

## 3.1 Functional Requirements

* Maori themed website design
* Minimum 3-day booking
* Longterm booking negotiable
* Summer and winter rates
* Properties can be added, edited, and removed from the website
* (Photo identification)
* Implementation of Google maps
* Bookings can be placed, altered, and canceled
* Rating and feedback functionalities
* Search and filter functions
* Ability to create and manage user profiles

## 3.2 Non-Functional Requirements

* Only entire properties can be booked (not single rooms)
* Promote sustainability of the properties
* Using UniformServer for development
* Multiple payment methods
* Support multiple language settings

# Section 4. Open topics for discussion

* Refund policy
* Deployment process (Cloud solution or own hardware)
* Implementation of (payed) third-party services (payment and photo identification)
* Maintenance suggestions
* Recommendations, discounts and promotions for certain users