

# Development Documentation

## Haukainga HomeWinds

**Business Application Programming**

**Part 3: Software Development**

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# 1 Introduction

This documentation provides descriptions of website usage, settings set up managements in detailed version for project supervisor and client. As the development team we will go through each page, function, permissions, roles and settings in Haukainga HomeWinds website. Addition to that this documentation has brief explanation of every plugin used in project and its purpose. However, many features can be added or upgraded by premium versions of certain plugins and this documentation will guide the client throughout the project and understand the functionality of website.

## 2 Property Management

Property Management consists of various tasks. In this section, we will set up the necessary elements to add a new property to the website.

### 2.1 Setting up

#### 2.1.1 Categories

Navigate to Accommodation/Categories (Figure 1). New Categories can be added to give the customer more information about the property. We decided to add location information into the categories, but it is not limited to it (Figure 2). Categories will be available for selection in the creation of a new property. Categories can be added by administrators as well as property owners.

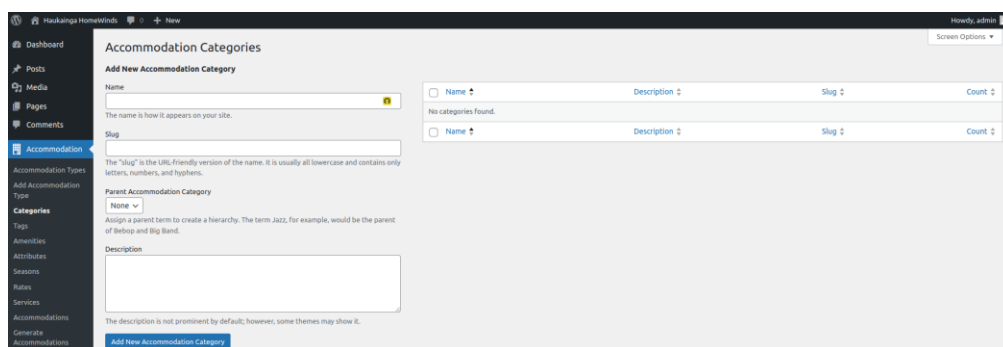


Figure 1: Add new Categories

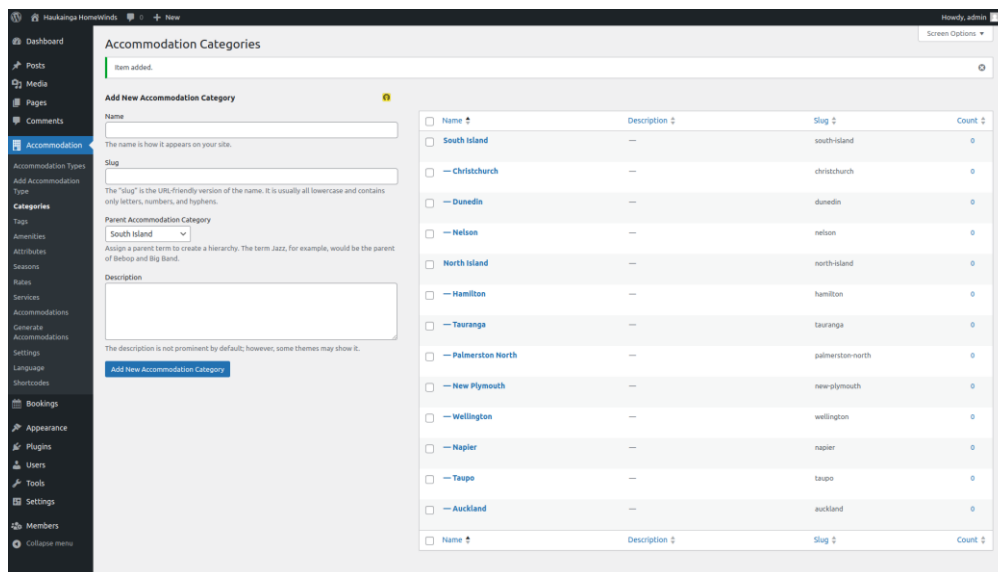


Figure 2: Locations added

## 2.1.2 Amenities

Navigate to Accommodation/Amenities (Figure 3). In this part, we will add amenities and possible features that can be selected during the creation of a new property. We decided to add information about the rooms as well as general amenities that could be of value to customers (Figure 4). Amenities can be added by administrators and property owners.

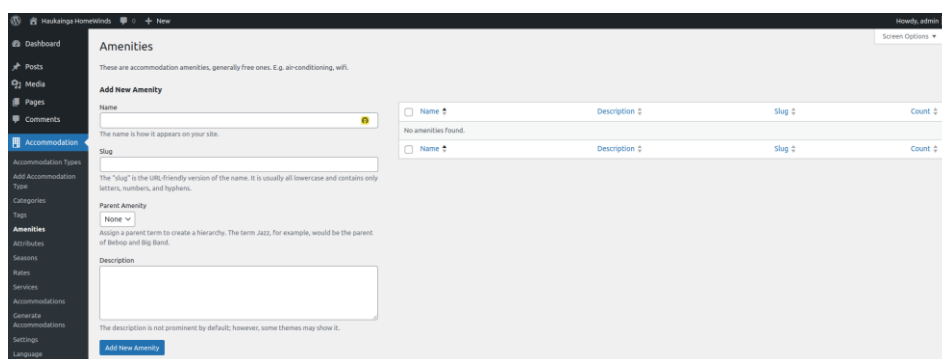


Figure 3: Adding Amenities

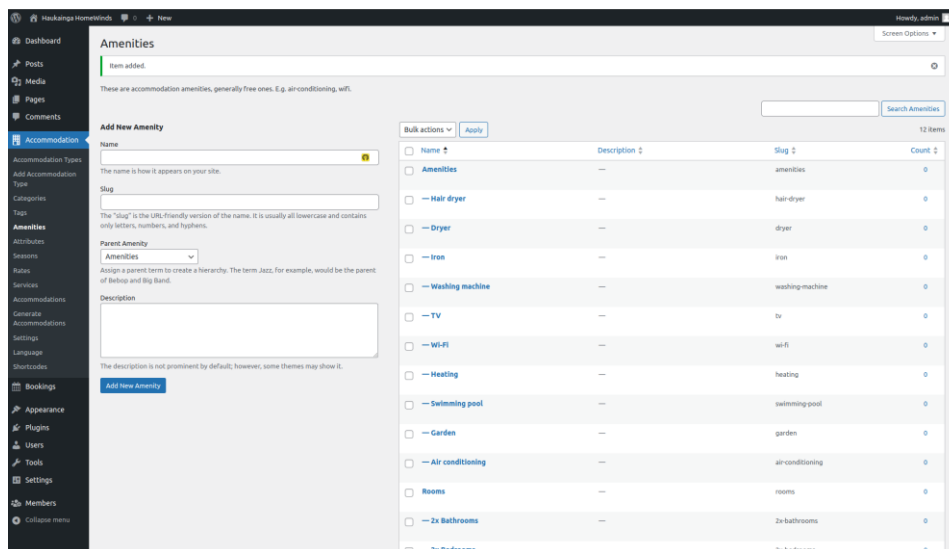


Figure 4: Amenities added

## 2.1.3 Services

Navigate to Accommodation/Services (Figure 5). The client stated that there might be collaborations with other businesses and service providers in the future. Services allow the property owners to add these third-party features and adjust pricing and rates. Because this feature is not in use at the current stage, we did not include services during development. Services can be selected during the creation of a property. Services also include a page with additional information that can be customized by using “Elementor” or the WordPress page editor.

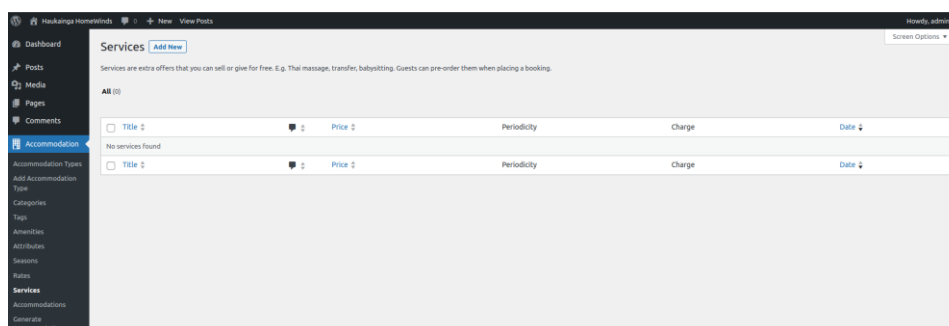


Figure 5: Adding Services

## 2.1.4 Attributes

Navigate to Accommodation/Attributes (Figure 6). This is a “Pro” feature of the Hotel Booking Plugin. We encourage the client to invest in these features.

Attributes allow more detail than categories. Search functionalities also get extended and will be beneficial for the user experience.

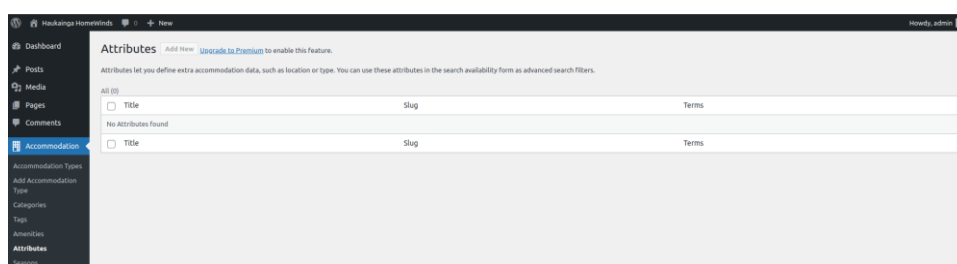


Figure 6: Adding new Attributes

## 2.1.5 Bed Types

Navigate to Accommodations/Settings/General => Misc # (Figure 7). Here we can add different types of beds that will be available to add to a property.

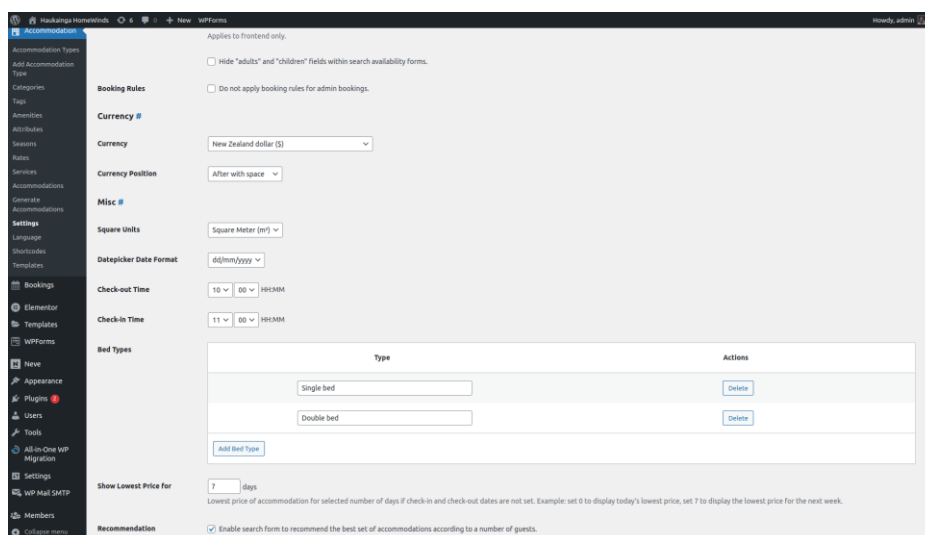


Figure 7: Adding Bed Types

## 2.1.6 Seasons

Navigate to Accommodation/Seasons (Figure 8). As stated by the client, the website should include features for seasonal pricing. New seasons can be added by selecting start and end dates as well as applying seasonal prices only for specified days (Figure 9). This could also be used to implement special prices for public holidays. Seasons will be available to set the prices for the properties (Figure 10).

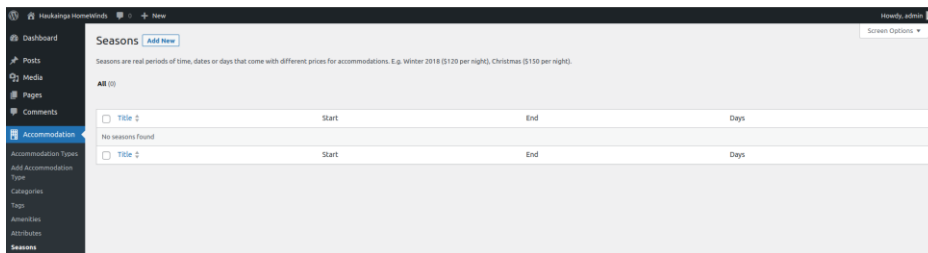


Figure 8: Adding New Seasons

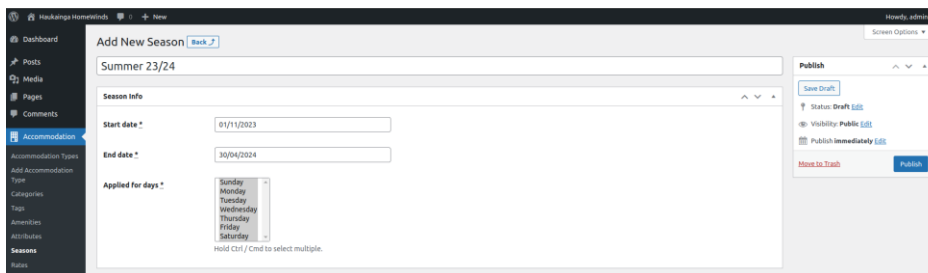


Figure 9: Configuring a new Season

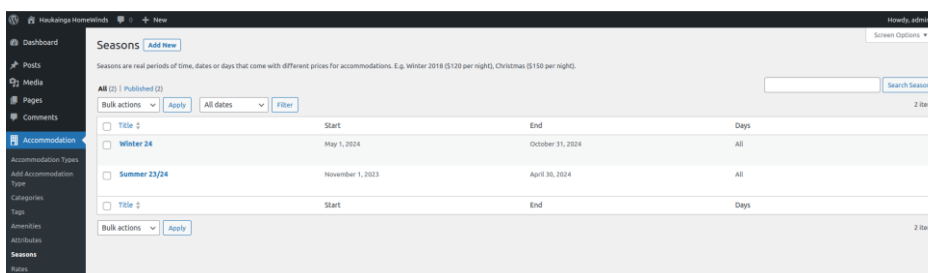


Figure 10: Seasons added

## 2.1.7 Rates

Navigate to Accommodation/Rates (Figure 11). Rates can be used to add different prices based on the previously created seasons (Figure 12). Multiple rates can be added to also include special features or partial renting.

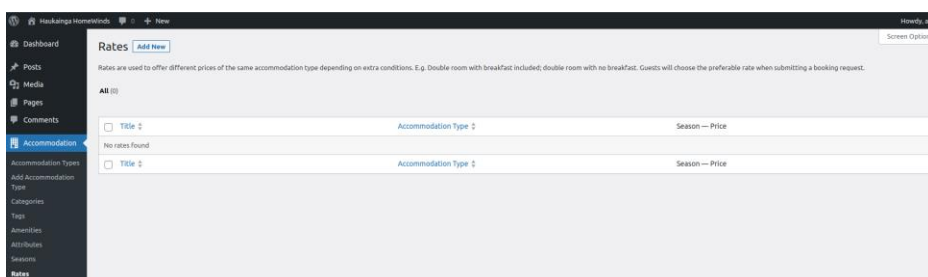


Figure 11: Adding Rates

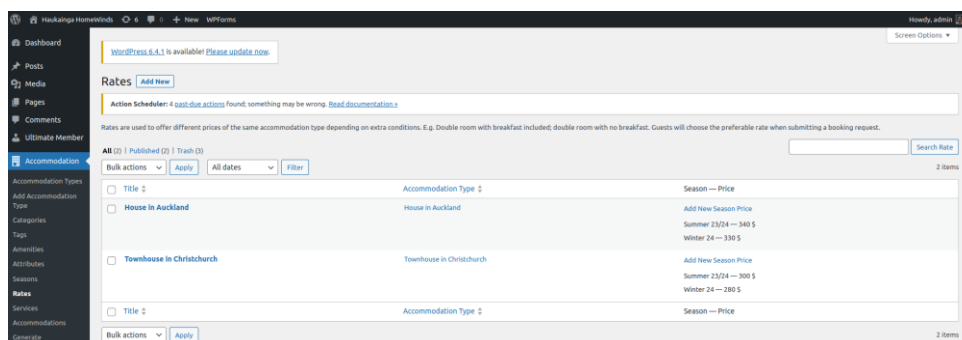


Figure 12: Rates added

## 2.2 Create a Property

After the setup, we are now able to create a new property entry. Properties can be added, edited, and deleted by administrators or the property owner.

Navigate to Accommodation/Accommodation Types (Figure 13).

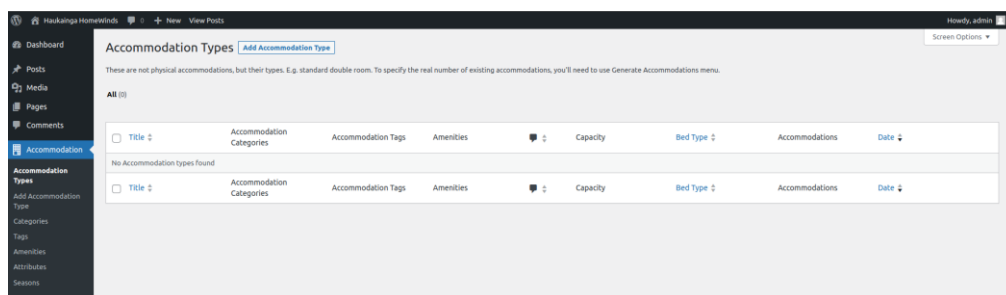
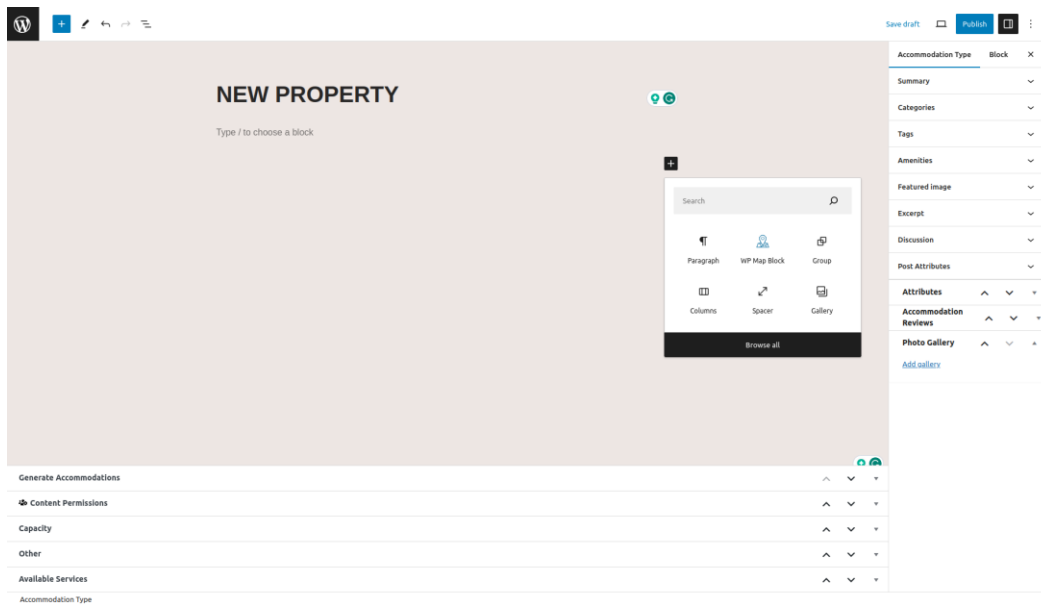


Figure 13: Adding a new Property

The property owner can use the WordPress editor to customize his property and include various “Blocks” to include media, descriptions, and a map showing the location (Figure 14).





*Figure 14: Property Editor*

On the menu on the right side of the screen, you can add the previously created Categories, Amenities, and Attributes. A Feature image and excerpt can be added that gets displayed while the user is browsing through the property listings. Comments can be enabled in the Discussion tab. When using the “Pro” version of the Hotel Booking Plugin, the review and rating functionalities can be enabled. A photo gallery can be added to include more images showcasing the property.

The menu on the bottom of the screen allows the property owner to set the capacity of the property, adding “View” tags to give more details about the location. The bed type can be selected. These get added in Accommodation/Settings. Services can be added.

“Generate Accommodations” must be set to 1. A property only exists once, but this functionality can be used for listing rooms or multiple houses with the same specifications.

The client requested a map feature to be available to add to the properties. This can be achieved by adding a WordPress Map Block. Navigating to the Block settings on the right allows the property owner to change the marker location (Figure 15). The size and placement of the map can be easily adjusted using the Editor.

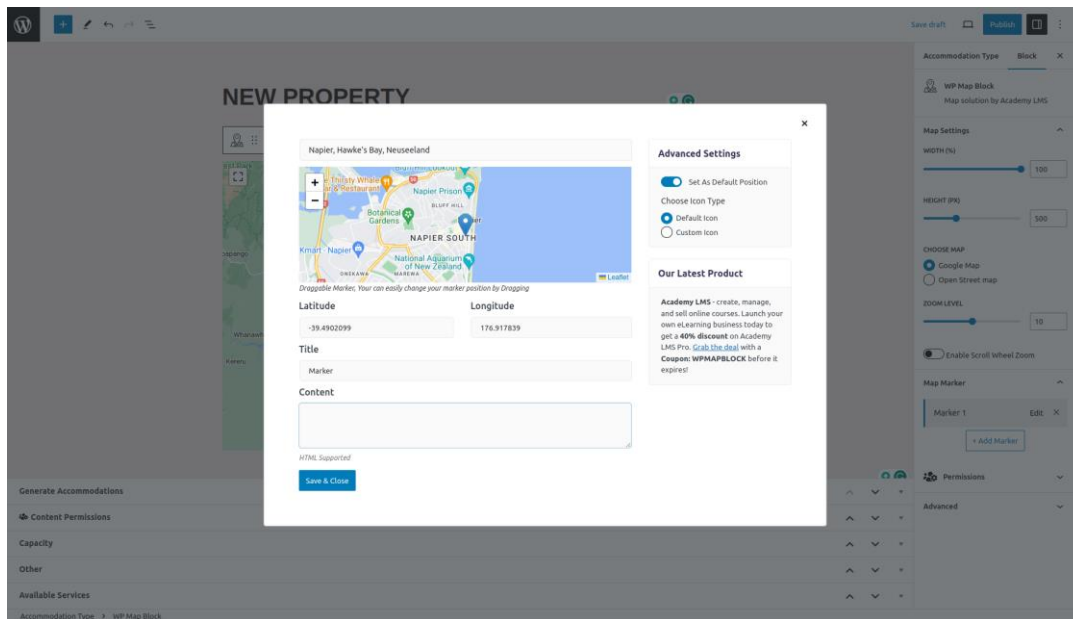


Figure 15: Adding a map

To finish the creation of the property we can publish the site at the top right of the screen. The Property is now available at the site. To make it bookable we will continue with the booking management guide.

### 3 Booking Management

After adding a property to the website, we can continue managing the bookings.

In this guide, we will look at different settings and options to allow and manage bookings of properties.

#### 3.1 Setting up

##### 3.1.1 Booking Rules

Navigate to Bookings/Booking Rules (Figure 16). Here we can add several rules that get applied for booking the properties. The property owner can edit check-in/out times and minimum/maximum stay times. Blocking, buffering, and rules for booking in advance offer extended management options.

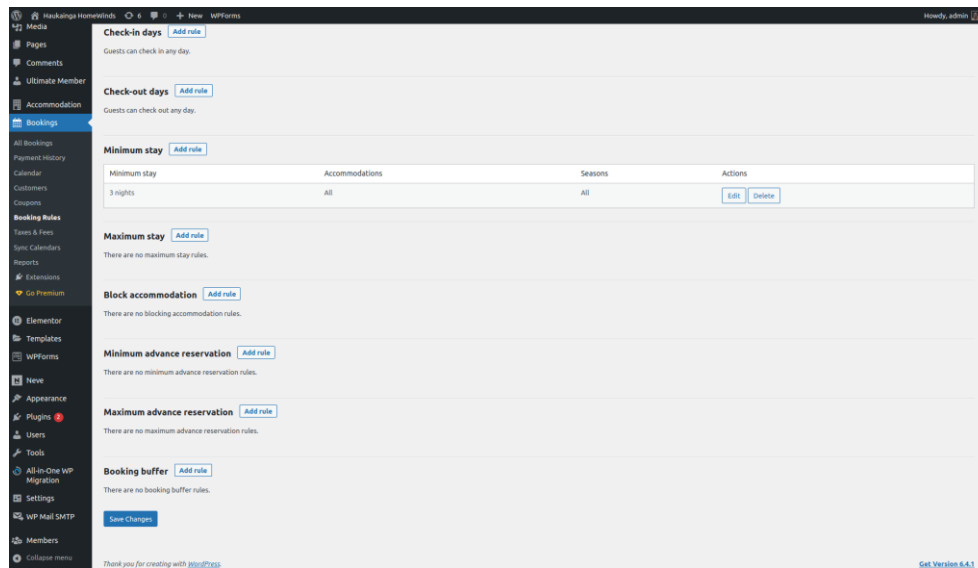


Figure 16: Adding Booking Rules

### 3.1.2 Taxes and Fees

Navigate to Bookings/Taxes and Fees (Figure 17). There are multiple options to add additional taxes and fees.

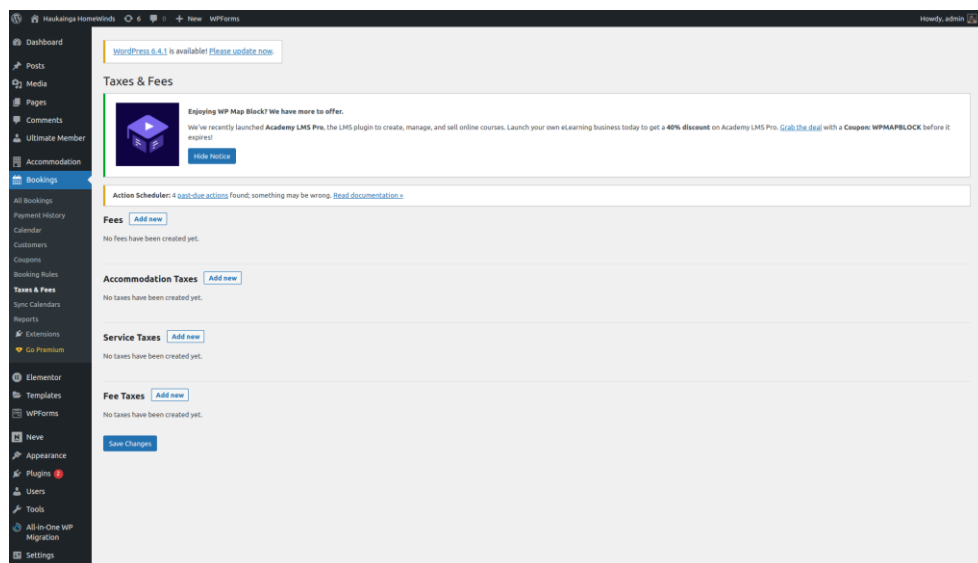


Figure 17: Adding Taxes and Fees

### 3.1.3 Coupons

Navigate to Bookings/Coupons (Figure 18). Property owners might want to offer special discounts or coupons for advertisement reasons. Coupons can be configured in various ways to match the requirements of the property owner (Figure 19).

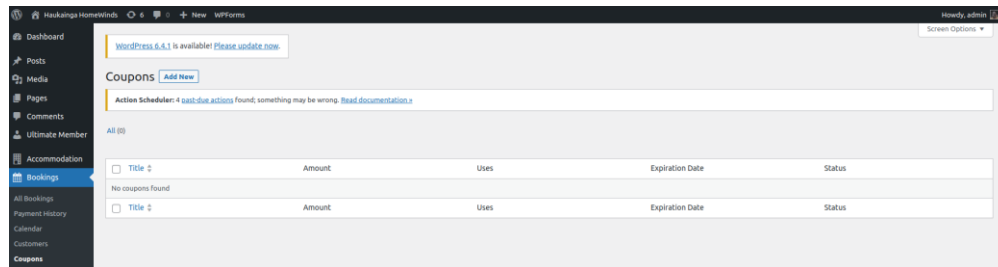


Figure 18: Adding Coupons

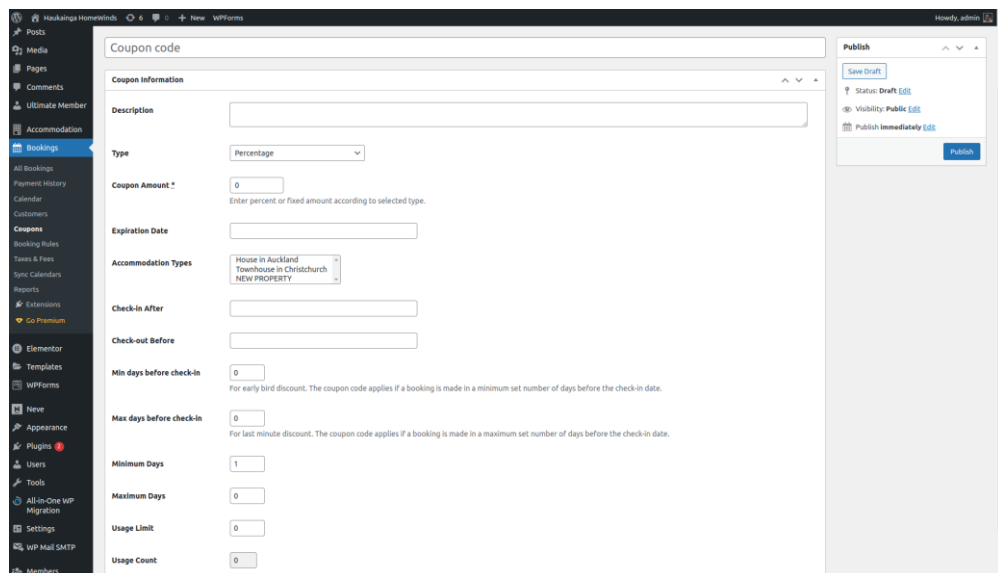


Figure 19: Creating a Coupon code

### 3.1.4 Booking Settings

Navigate to Accommodation/Settings/General. Here multiple Booking related settings can be adjusted. Currency, country settings, and redirection pages (Figure 20). We adjusted the setting suitable for our development and testing phases. We encourage the client to alter these settings to match the requirements.

**Booking Confirmation #**

**Confirmation Mode**

☐ By customer via email  
☐ By admin manually  
☒ Confirmation upon payment

**Booking Confirmed Page** Booking Confirmed

Page user will be redirected to once the booking is confirmed via email or by admin.

**Approval Time for User** 20

Period of time in minutes the user is given to confirm booking via email. Unconfirmed bookings become Abandoned and accommodation status changes to Available.

☒ Country of residence field is required for reservation.  
☒ Full address fields are required for reservation.  
☐ Customer information is required when placing admin bookings.

**Default Country on Checkout** New Zealand

**Price Breakdown** ☐ Price breakdown unfolded by default.

**Booking Cancellation #**

☒ User can cancel booking via link provided inside email.

**Booking Cancellation Page** Booking Cancellation

Page to confirm booking cancellation.

**Booking Canceled Page** Booking Canceled

Page to redirect to after a booking is canceled.

Figure 20: Booking Settings

### 3.1.5 Payment Gateways

Navigate to Accommodation/Settings/Payment Gateways. Firstly, you will be sent to General Settings (Figure 21), where you can adjust some payment parameters such as payment type (Deposit/Fixed), payment time, some payment related pages directions, default gateway and payment pending time. The client can adjust all those settings according to their preferences.

General Admin Emails Customer Emails Email Settings **Payment Gateways** Extensions Advanced

General Settings | Test Payment | Pay on Arrival | Direct Bank Transfer | PayPal | 2Checkout | Stripe | Braintree | Beanstream/Bambora

Need more gateways? Use our Hotel Booking [WooCommerce Payments](#) extension. You may also email the [balance payment request](#) link to your guests.

**User Pays** Deposit

**Deposit Type** Percent

**Deposit Amount** 10

**Deposit Time Frame (days)** 1

Apply deposit to bookings made in at least the selected number of days prior to the check-in date. Otherwise, the full amount is charged.

**Force Secure Checkout** ☐ Force SSL (HTTPS) on the checkout pages. You must have an SSL certificate installed to use this option.

**Reservation Received Page** Reservation Received

**Failed Transaction Page** Transaction Failed

**Default Gateway** PayPal

**Pending Payment Time** 60

Period of time in minutes the user is given to complete payment. Unpaid bookings become Abandoned and accommodation status changes to Available.

[Save Changes](#)

Figure 21: Payment Gateways General Settings

Under the main settings option above you will have sub menu of payment gateways below in blue colour, where you can navigate throw all the payment options and set each individually. For current stage of project, we only set up Pay on Arrival and Direct Bank Transfer only. However, PayPal option could be added as well, but after some research we found that it requires PayPal business account and Refence Payment option enabled through contacting PayPal Support Team. Moreover, there are plenty of other payment options, which can be added by upgrading the Hotel Booking Lite plugin to premium version. As it has been said above, it all be added by client preferences for payment gateways. As example you can see the PayPal gateway setting (Figure 22), where you will need to add your PayPal business account email address.

The screenshot displays the 'Payment Gateways' settings page for the PayPal gateway. The interface includes a top navigation bar with tabs for 'General', 'Admin Emails', 'Customer Emails', 'Email Settings', 'Payment Gateways', 'Extensions', and 'Advanced'. Below the tabs, a breadcrumb trail shows the path: 'General Settings | Test Payment | Pay on Arrival | Direct Bank Transfer | PayPal | 2Checkout | Stripe | Braintree | Beanstream/Bambora'. The main content area contains several settings:

- Enable "PayPal"**: A checked checkbox.
- Test Mode**: A checked checkbox labeled 'Enable Sandbox Mode' with a sub-note: 'Sandbox can be used to test payments.'
- Title**: A text input field containing 'PayPal' with a sub-note: 'Payment method title that the customer will see on your website.'
- Description**: A text input field containing 'Pay via PayPal' with a sub-note: 'Payment method description that the customer will see on your website.'
- Paypal Business Email**: A text input field containing 'haukainga.homewinds@gmail.com'.
- Disable IPN Verification**: An unchecked checkbox with a sub-note: 'Specify an IPN listener for a specific payment instead of the listeners specified in your PayPal Profile.'

A 'Save Changes' button is located at the bottom left of the settings area.

Figure 22: Paypal Gateway Settings

### 3.2 Placing Bookings

After setting up the property and booking information, we can start placing bookings. To place a booking, we need an account. Please refer to .... to see how to create an account or log into an already existing account. Navigate to a property to place a booking. At the bottom of the property entry, we find the availability calendar and a reservation form (Figure 23). After selecting Check-in/out dates we can place a reservation (Figure 24).

**Search Results**

2 accommodations found from 13/11/2023 - till 19/11/2023

**Recommended for 1 adult**

- 1 x **House in Auckland**  
Max occupancy: 4 guests

2,040 \$

Total: 2,040 \$

[Reserve](#)

Select from available accommodations.

Figure 23: Reserve

Prices start at: 680 \$ for 2 nights

**Availability**

< Prev Today Next >

November 2023 December 2023

Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su
		1	2	3	4	5					1	2	3
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30				25	26	27	28	29	30	31

**Reservation Form**

Required fields are followed by \*

Check-in Date \*  
13/11/2023

Check-out Date \*  
19/11/2023

Adults  
1

Children 14  
0

[Check Availability](#)

Figure 24: Check Availability

You will be asked to enter relevant personal information, select a payment method, and accept the terms & conditions (Figure 25). By pressing “Book Now” the booking gets placed and the user gets redirected to the “Reservation Received” page as well as an e-mail notification with relevant booking information.

### Payment Method

☒ **Pay on Arrival**  
Pay with cash on arrival.

☐ **Direct Bank Transfer**  
Make your payment directly into our bank account. Please use your Booking ID as the payment reference.

☐ **PayPal**  
Pay via PayPal Use the card number 5555555555554444 with CVC 123 and a valid expiration date to test a payment.

Total Price: **2,040 \$**

☒ I've read and accept the [terms & conditions](#) \*

**Book Now**

Figure 25: Placing Booking

Depending on the previously chosen settings as well as the payment method the status of payment and booking can be confirmed or on hold (Figure 26).

### Reservation Received

We are pleased to inform you that your reservation request has been received.

#### Booking Details

Booking: <b>507</b>	Check-in: <b>13/11/2023</b>	Check-out: <b>19/11/2023</b>	Total: <b>2,040 \$</b>	Status: <b>Confirmed</b>
------------------------	--------------------------------	---------------------------------	---------------------------	-----------------------------

Details: [House in Auckland](#)

#### Payment Details

Payment: <b>509</b>	Date: <b>10/11/2023</b>	Payment Method: <b>Pay on Arrival</b>	Total: <b>2,040 \$</b>	Status: <b>On Hold</b>
------------------------	----------------------------	--	---------------------------	---------------------------

Figure 26: Reservation Received

### 3.3 Manage Bookings

Navigate to Bookings/Calendar (Figure 27). This overview presents all bookings and their status. Booking details can be viewed and payments added manually (Figure 27).



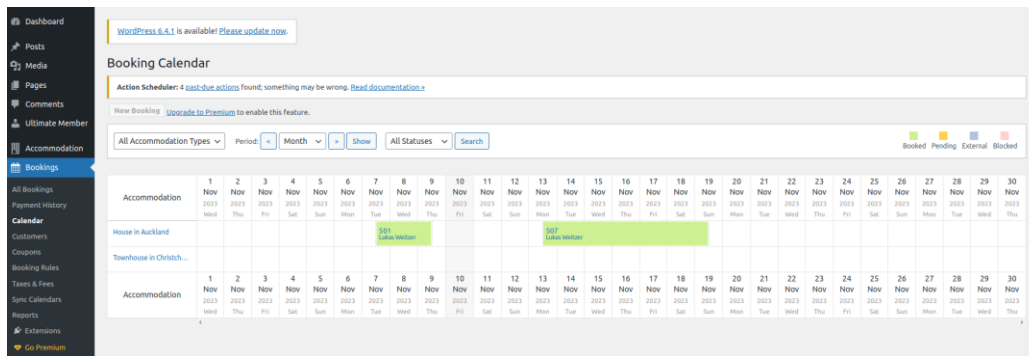


Figure 27: Booking Calendar

Bookings can be viewed, edited, and deleted when navigating to Bookings/All Bookings (Figure 28).

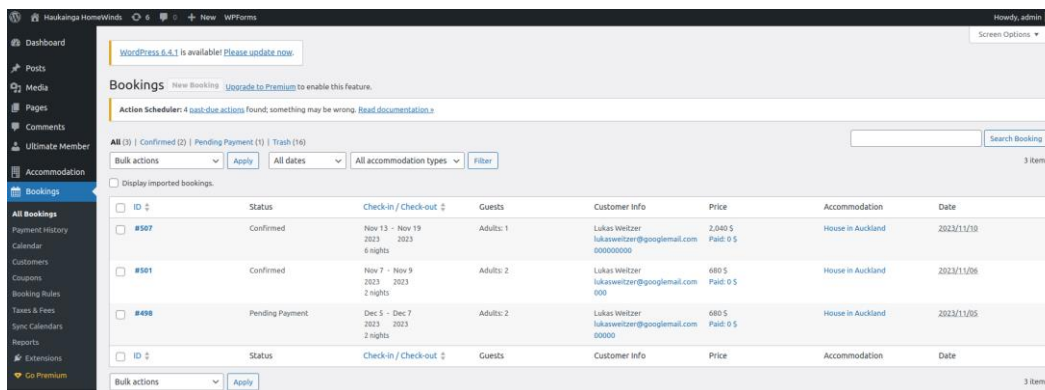


Figure 28: All Bookings

Payments can be viewed, edited, and deleted when navigating to Bookings/Payment History (Figure 29).

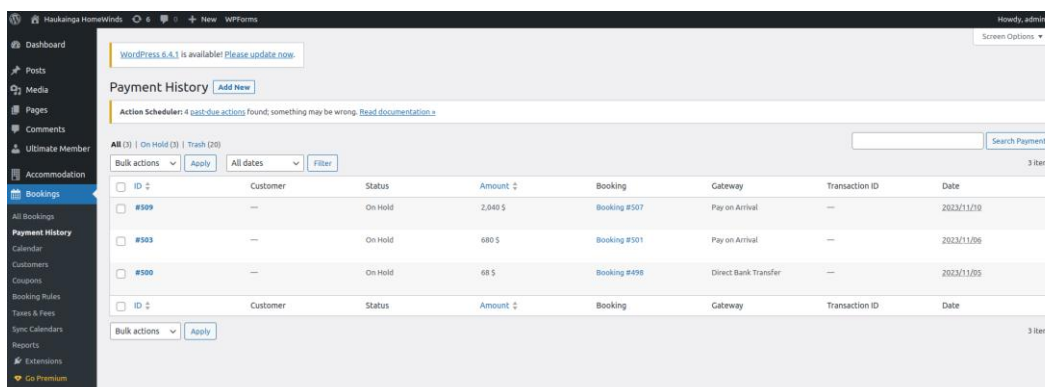


Figure 29: Payment History

Navigating to Bookings/Reports displays a report of business activities (Figure 30). When upgrading the Hotel Booking Plugin these results could be exported as a CSV.

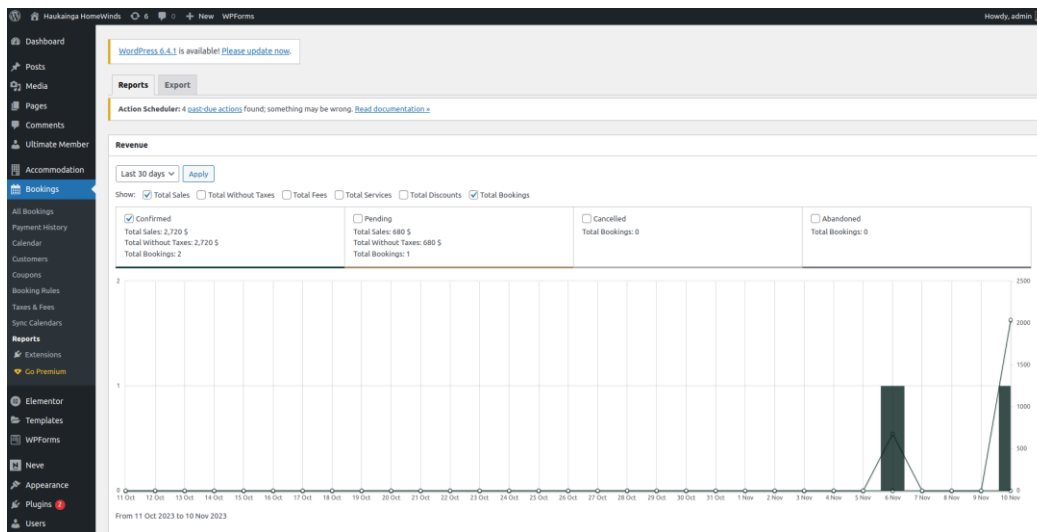


Figure 30: Reports

## 4 User Management

User Management is an essential part of this project because users need an account to make any bookings. There are two options how to gain that permission. Either the user creates a new account, or he/she logs into an existing account. We have implemented two distinct pages to accomplish these operations.

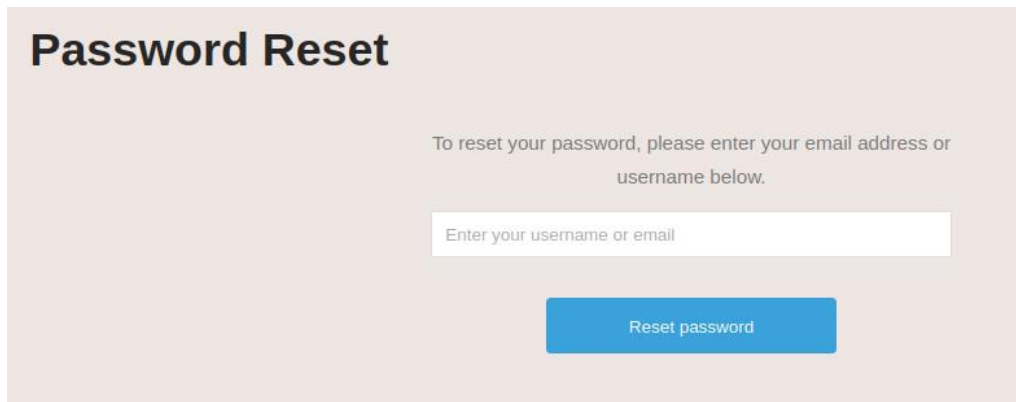
### 4.1 User Login

The screenshot shows a login form with a light gray background and a white border. It contains the following elements: a 'Username or E-mail' label above a text input field, a 'Password' label above a text input field, a 'Keep me signed in' checkbox, a blue 'Login' button, a gray 'Register' button, and a 'Forgot your password?' link at the bottom.

Figure 31: User Login

Figure 31 shows the login field, where users with an existing user account can log into their account. Required is the username or email address as well as the password of the

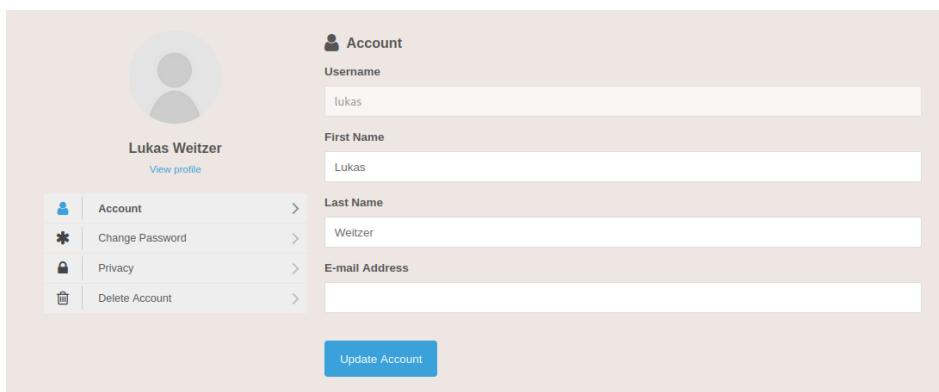
account. All these details are determined in the registration process. Users can also reset their passwords in case they forgot it. In this situation, they follow the respective link at the bottom of Figure 31, which redirects them to the page of Figure 32.

The image shows a 'Password Reset' form on a light pink background. At the top, the title 'Password Reset' is in bold black text. Below it, a message says 'To reset your password, please enter your email address or username below.' There is a white input field with the placeholder text 'Enter your username or email'. Below the input field is a blue button with the text 'Reset password'.

*Figure 32: Reset password*

After inserting the username or email address, an email with instructions to change the password is sent to the user.

After logging into the account, the user is redirected to the account page, where he/she can view and edit the details of the user. On this page, they can also change the password and delete the entire account. This page can be seen in Figure 33.

The image shows a 'User Account' page. On the left, there is a user profile section with a circular placeholder for a profile picture, the name 'Lukas Weitzer', and a 'View profile' link. Below this is a list of account settings: 'Account', 'Change Password', 'Privacy', and 'Delete Account', each with a right-pointing arrow. On the right, there is a form to update account details. It has a title 'Account' with a user icon. The form fields are: 'Username' (containing 'lukas'), 'First Name' (containing 'Lukas'), 'Last Name' (containing 'Weitzer'), and 'E-mail Address' (empty). At the bottom of the form is a blue button labeled 'Update Account'.

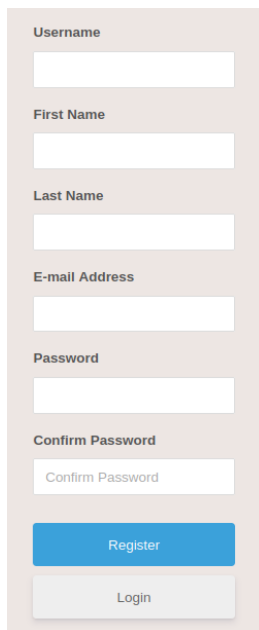
*Figure 33: User*

*account*

Once logged in, the user can start to book properties.

## 4.2 User Registration

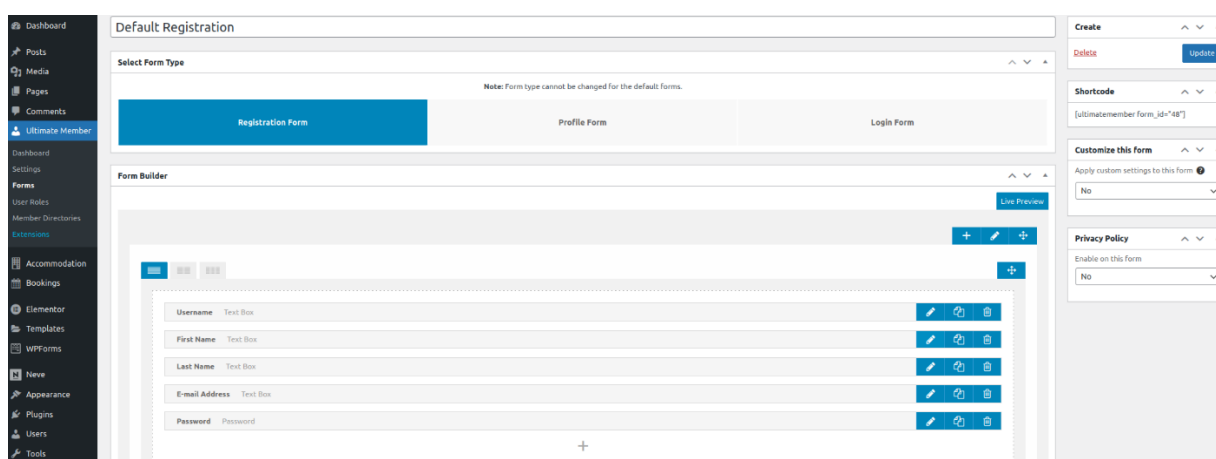
For the user registration, we created a new page which contains all the fields that are needed to generate a new user account. These fields can be seen in Figure 34.



A vertical registration form with the following fields: Username, First Name, Last Name, E-mail Address, Password, and Confirm Password. Each field is represented by a white text box with a light gray border. Below the fields are two buttons: a blue 'Register' button and a light gray 'Login' button.

*Figure 34: User Registration*

There are multiple fields that the user must fill in. There are also some rules in place to ensure that accurate data is entered by the user. For example, the user name must be longer than three characters, the email address needs to have a proper structure and password needs to meet certain standards (at least eight characters with numbers, capital and lower case letters). Only when all these criteria are met, then an account can be generated.



A screenshot of the Ultimate Member plugin's form builder interface. The main area shows a 'Default Registration' form with fields for Username, First Name, Last Name, E-mail Address, and Password. The interface includes a sidebar with navigation links like Dashboard, Posts, Media, Pages, Comments, and Ultimate Member. On the right, there are settings for 'Create', 'Shortcode', 'Customize this form', and 'Privacy Policy'. The form builder allows for selecting form types (Registration Form, Profile Form, Login Form) and editing individual fields with icons for adding, deleting, and duplicating.

*Figure 35: Editing registration forms*

The rules for registration can be edited by the administrator by opening the tab „Ultimate Member“, selecting the wanted form and making changes to it. To edit a single input field, the admin needs to click on the pencil icon of the respective field to make changes to it.

It is important to note, that the default roles of new accounts are „Hotel Customer “. This role has the most basic permission and can only navigate through the website and make bookings. To change this default role, the admin can do this in the settings tab of the plugin „Ultimate Member “. This can be seen in Figure 36.

The screenshot shows the 'Ultimate Member - Settings' interface with the 'Appearance' tab selected. The left sidebar contains a menu with 'Ultimate Member' highlighted. The main content area has tabs for 'General', 'Access', 'Email', 'Appearance' (active), 'Misc', 'Install Info', 'Override templates', and 'Secure'. Below these tabs are links for 'Profile', 'Profile Menu', 'Registration Form', and 'Login Form'. The 'Registration Form' section includes several settings: 'Registration Default Template' (Default Template), 'Registration Maximum Width' (450px), 'Registration Shortcode Alignment' (Centered), 'Registration Field Icons' (Show with label), 'Registration Primary Button Text' (Register), 'Registration Secondary Button' (checked), 'Registration Secondary Button Text' (Login), 'Registration Secondary Button URL' (empty), and 'Registration Default Role' (Hotel Customer). A 'Save Changes' button is at the bottom left.

Figure 36: Changing the default registration role

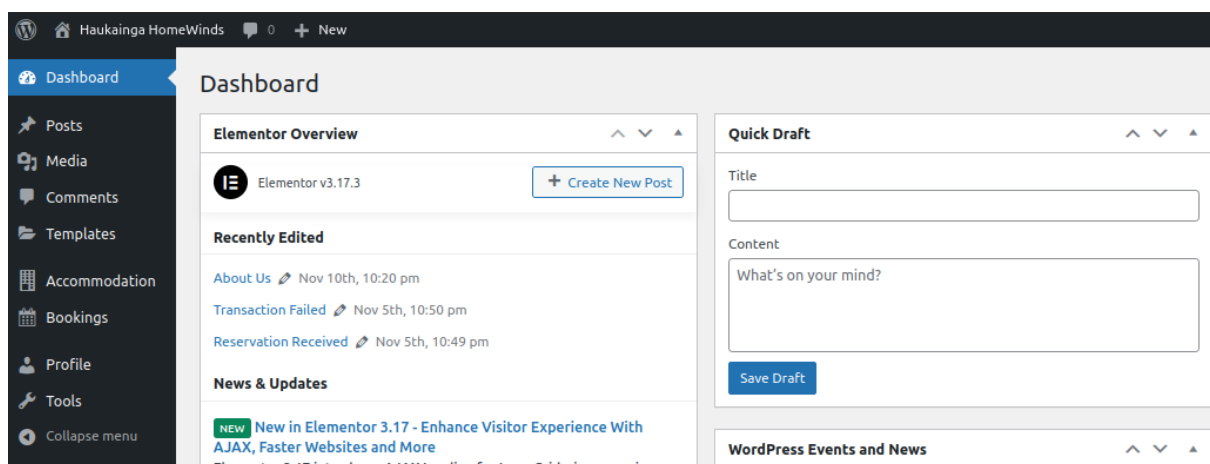
### 4.3 Property Owner Role

To generate, edit, publish and delete personal accommodations from the website, we created a new user role called „Property Owner “. This role cannot interfere with the settings of the website itself but can use the booking and property management utilities. Accounts with this role need to be created by the administrator manually. The credentials can then be sent to the homeowners.

*Figure 37: Creating a property owner account*

To create this account, the administrator needs to navigate to the Users-tab, click on „Add new user “and fill in the required fields. It is important to set the correct role at the end. This can be seen in Figure 37.

Property owners can enter the WordPress dashboard but will have a very limited list of options. As can be seen in Figure 38, they can manage their accommodations and bookings, but cannot modify any other parts of the website.



*Figure 38: WordPress dashboard for property owners*

In case the administrator wants to change the capabilities of this (or any) role, this task can be done in the „Members “tab within WordPress.

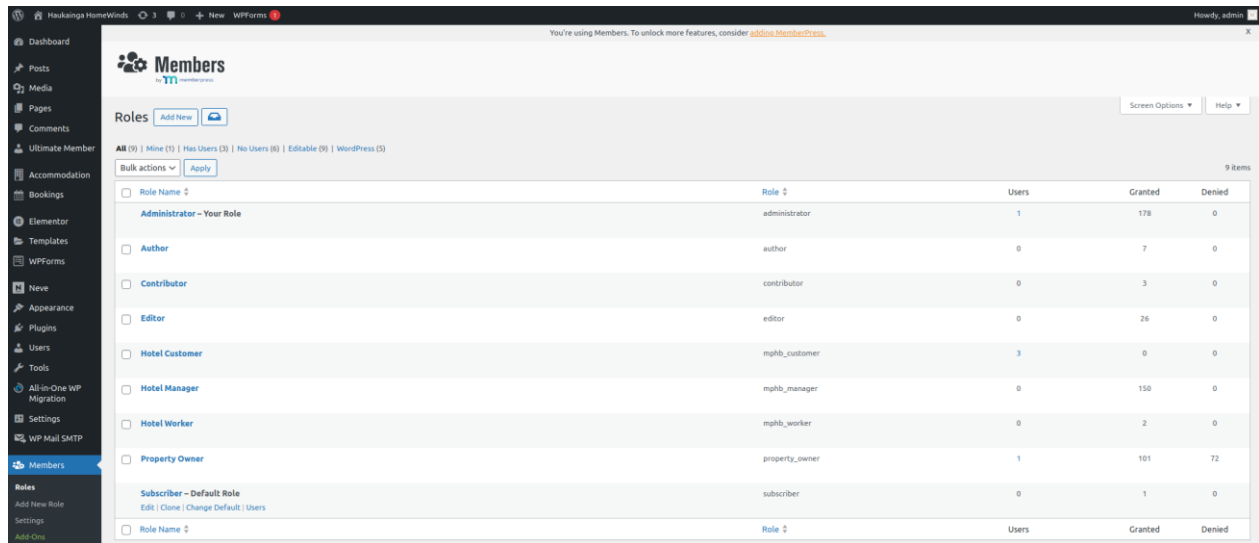


Figure 39: Changing capabilities of different roles

By clicking on the edit button of any role, the selected role can be modified to have certain capabilities.

## 5 Additional Features

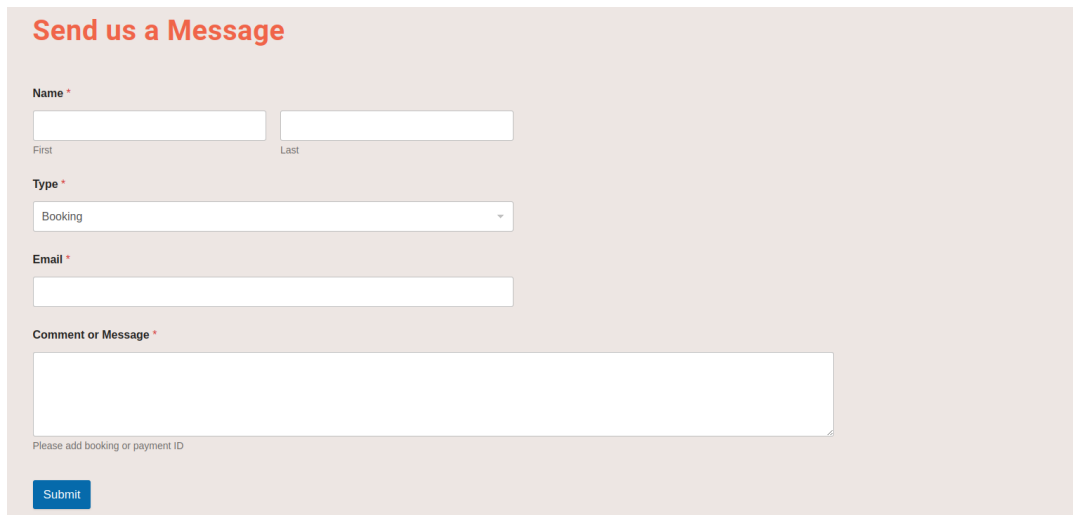
### 5.1 WP Mail SMTP

Navigate to WP Mail SMTP. To test the e-mail services of the Hotel Booking Plugin we used the WP Mail SMTP Plugin. The Plugin comes with a Setup Wizard and supports various mail service providers. We used a mail account at Google. To set up this feature please refer to the Plugin documentation and follow the instructions provided by the Setup Wizard.

To alter the e-mail notification of the Hotel Booking Plugin navigate to Accommodation/Settings and alter the E-Mail settings.

## 5.2 WP Forms

Navigate to WP Forms. We are using the WP Forms Plugin to provide users to contact the site administrator (Figure 40). New Forms can be created and used as “Blocks” in the WordPress or Elementor Editor. Please refer to the Plugin documentation or hints when creating a new form.



The image shows a contact form titled "Send us a Message" in a light beige container. The form includes the following fields: a "Name" field with sub-labels "First" and "Last" for two separate input boxes; a "Type" dropdown menu currently showing "Booking"; an "Email" input box; and a "Comment or Message" text area. Below the text area is a small note: "Please add booking or payment ID". At the bottom left of the form is a blue "Submit" button.

*Figure 40: Contact Form*

## 5.3 Sending Emails

For Testing purposes, we used the plugin “WP Mail SMTP” to connect an external email service provider for sending all business-related emails. They offer a wide variety of email providers to choose from. In our Testing scenario we used google mail. The setup process is fast and easy. Tutorials are provided by the plugin to help during setup.

We would recommend choosing a hosting provider with email capabilities.



## 6 User Acceptance Testing

### User Acceptance Test Plan

<b>Project Name</b>	Haukainga Home Winds
<b>Testing Start Date / Time</b>	5th of November 2023
<b>Testing End Date / Time</b>	12th of November 2023
<b>Name of Tester/s:</b>	Michael Amann, Lukas Weitzer

Test ID	Description of test cases	Steps To Execute	Test data	Expected Results/Behaviour	Observed Results/Behaviour	Pass/Fail	Defect/Comments/Additions
<b>USER MANAGEMENT</b>							
1	admin can login to the website	navigate to the login page -> enter credentials	username: admin pw: Bap1248!	admin can log in and can access the wordpress dashboard	as expected	Pass	
2	user can create an account	navigate to the register page -> enter credentials	username: user password: User1234 first name: user last name: user email: user@user.com	user creates an account, gets redirected to profile page	as expected	Pass	
3	user can change the password	account page -> change password -> enter new password	pw: User2345	during the next login, the new password needs to be entered	as expected	Pass	
4	User can request new password in case password is forgotten	change email address so email is being received -> login page -> click on "Forgot your password?" -> enter username -> click on link of email and change password		change the password with the sent link	the link that was sent with the email had an invalid URL (localhost:8000)	Fail	This problem probably occurs because the website is running on a local web server. This test needs to be repeated when running the website on an actual web server.
5	User can delete his account	login -> change to account page -> click on "delete account" -> enter password	pw: User2345	user cannot login with that account anymore	as expected	Pass	
6	admin can add new users	wordpress dashboard -> Users -> add new user	username: user password: User1234 first name: user last name: user email: user@user.com	these credentials can be used to login	as expected	Pass	
7	admin can delete user account	wordpress dashboard -> Users -> click on delete below certain user		this user can no longer log in	as expected	Pass	
8	admin can edit existing user account	create new test user -> login as admin -> wordpress dashboard -> Users -> edit -> set new password	pw: User2345	initial password is not longer valid and new password needs to be used to login	as expected	Pass	

<b>PROPERTY MANAGEMENT</b>							
9	admin can create a new property	login as admin -> click on "Add accommodation type" -> create and publish new property		new property is listed on the property page	as expected	Pass	
10	admin can edit any existing property	login as admin -> switch to Accommodations tab -> click "edit" on existing property -> make changes		changes are being displayed on property page	as expected	Pass	
11	admin can add Categories, Tags, Amenities, Attributes, Seasons, Rates and Services	login as admin -> switch to Accommodations tab -> create new Categories, Tags, etc.		Categories are created and can be used when generating a new property	as expected	Pass	
12	admin can delete any existing properties	login admin -> click on Accommodation types -> click on delete button of any property		property is deleted and does not show in the property page	as expected	Pass	
13	Property Owner account can create a new property	login with property owner account -> click on "Add accommodation type" -> create and publish new property		new property is listed on the property page	as expected	Pass	
14	Property Owner account can edit their personal properties	login with property owner account -> switch to Accommodations tab -> click "edit" on existing personal property -> make changes		changes are being displayed on property page	as expected	Pass	
15	Property Owner account can add Categories, Tags, Amenities, Attributes, Seasons, Rates and Services	login with property owner account -> switch to Accommodations tab -> create new Categories, Tags, etc.		Categories are created and can be used when generating a new property	as expected	Pass	
16	Property Owner account can delete personal properties	login admin -> click on Accommodation types -> click on delete button of personal property		property is deleted and does not show in the property page	as expected	Pass	

<b>BOOKING MANAGEMENT</b>							
17	users that are not logged in cannot make bookings	select property and complete booking process without being logged in		User can view property, but cannot finish booking process	as expected	Pass	user gets redirected to login page
18	logged in users can make complete bookings	select property -> click on book -> enter credentials -> select payment type -> finish booking process		User successfully finishes booking process and receives booking confirmation - booking is registered in the Booking tab of the wordpress dashboard	as expected	Pass	
19	Property Owner account can view bookings for personal properties	login with property owner account -> switch to Booking tab -> view bookings		bookings are being displayed	as expected	Pass	Property owners can view all bookings
20	Property Owner account can edit bookings for personal properties	login with property owner account -> switch to Booking tab -> click on edit button under bookings for personal properties		property owner can edit bookings	with the current version, Property Owners cannot edit bookings of other people	Fail	when enabling property owners to edit bookings, they can do so for all bookings, even for different properties. This needs to be fixed in future updates.
21	Property Owner account can cancel bookings for personal properties	login with property owner account -> switch to Booking tab -> select booking -> change action to "move to trash"		bookings is deleted	with the current version, Property Owners cannot delete bookings of other people	Fail	when enabling property owners to delete bookings, they can do so for all bookings, even for different properties. This needs to be fixed in future updates.
22	Property Owner account can manually create new bookings for personal properties	login with property owner account -> switch to Booking tab -> click on "add new booking" button		new bookings is added	button cannot be pressed (Requires Pro version of hotel booking plugin)	Fail	
23	admin can view all bookings	login as admin -> switch to bookings tab -> view bookings		admin can view all bookings	as expected	Pass	
24	admin can edit bookings for all properties	login as admin -> switch to bookings tab -> click on edit button on any booking		admin can edit any booking	as expected	Pass	
25	admin can cancel bookings for all properties	login as admin -> switch to bookings tab -> select bookings -> perform action "move to trash"		bookings deleted	as expected	Pass	
26	admin can manually create new bookings for all properties	login as admin -> switch to Booking tab -> click on "add new booking" button		new bookings is added	button cannot be pressed (Requires Pro version of hotel booking plugin)	Fail	
27	users receive booking confirmation after booking a property	logged in user makes a booking		a confirmation mail is sent to user that made the booking	as expected	Pass	

PAYMENT						
28	users receive email payment instructions for direct bank transfer	logged in user makes a booking and selects "direct bank transfer" as payment		email with instruction for the bank transfer is sent to the user	as expected	Pass
29	Users can pay via Paypal	logged in user makes a booking and selects "direct bank transfer" as payment		user can pay with paypal	error when redirecting to paypal site	Fail

*Figure 41: User Acceptance Testing*