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Boats

There are two boats:

ST with 12 passenger seats and 2 crew

RB with 16 passenger seats and 4 crew

Login

On login the admin or staff can select a date and time on the calendar and make a booking by choosing the boat and seats on that boat.

The platform will show a top view representation of each boat and their occupancy, the same way it works on a airplane.

The occupancy will be color coded by percentage, example for ST boat

4 occupants - Green

8 occupants - Yellow

12 occupants - Red (Bookings closed)

This color code will also show on the calendar

We also assign 3 staff elements, a guide, a skipper and a watchman to each boat or trip.

Those staff members are chosen from the employer list.

Employer table

The employer list shows the name, jobs, contract hours, contact information and number of hours of each staff.

A skipper can also be a guide or watchman.

So the hours are calculated according these tasks:

ST Boat

Skipper 2:30 h

Guide 2:50 h

Refuel 50 minutes

Docking 3h

New Year 4h

RB Boat

Skipper 3:30 h

Guide 3:50 h

Refuel 5 h

Docking 4h

New Year 7h

Transfers (manual field)

Extra hours (manual field)

Details for each trip

These boats are for whale watching so its necessary to also record in the platform the sightings for each trip. Therefore for each trip, a staff member can introduce the following on the sightings report:

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Location: GPS coordinates: Latitude and longitude - input fields
Depth: [min] [max] - input fields
Visibility till: __ miles - text field

Presence of calves yes / no - checkbox
Name of species: dropdown select from the species table
Behaviour: __ - text field

Notes: __ - text field

Environment
Wind: Direction and intensity
Tides: high tide and low tide
Moon phase:

Sometimes there are trips with no sightings. So a "unsuccessful sightings" checkbox would be necessary.

Species table
This is a simple table for the species with just the scientific and common name, example: *Delphinus delphis* - Short-beaked common dolphin

Payments
Payments are in money, transfer or vouchers. So for each client we need to introduce the value that was paid and a checkbox indicating if it was paid in money, transfer or voucher.

Hotel access
There is also a Hotel access to the platform. With this login the hotel can check the calendar of bookings and make a request in the name of a client. The staff or admins will then check that request and confirm the booking.

Monthly/Year statistics
At the end of the month and year, we can check the occupancy statistics for each boat. The sightseeing and the successful trip statistics.

User Groups and roles:
Admin - The admin can edit the details of each table, introduce new employees or edit existing ones and designate staff. Can also edit trips, introduce or edit species on the species table. Introduce new hotel logins or edit existing ones.

Staff - Can do bookings, introduce clients on the database, and indicate the hours spent on each task.

Hotels - Can request bookings, introduce clients on the database.

Clients - No access. They only receive a confirmation email with the details of their upcoming trip, date and hour and meeting point. They can also receive an email if a trip is being canceled, due to bad weather for example.

Wordpress Plugin

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The client on the Wordpress website can use a widget to make a booking:
Open the calendar that is in sync with the platform, so it will show the available days and choose a boat and a date.

Then enter the following information:

First and Last Name

Email

Number of Guests

Message (not required)

captcha

This information will then be available on the platform, on the client list, and the staff will receive an email notification that there has been a booking request. The Staff can then proceed with confirming the booking and an email will be sent back to the Client, the same information as if a booking was made directly in the platform.

Notifications

The platform will send an email to the staff when a Hotel does a request for booking.

Will notify the client when their booking is confirmed.

Will notify the client if their booking is canceled.

All code needs to be open source and commented, calendar in iCalendar format to support exports.

Full multilanguage: all fields need to be translated, this could be with a po file for each language that I can edit. On the login screen there will be the option to choose the language for the entire platform.

Responsive.