

Web Based Reservation and Scheduling System in Isdaan Floating Restaurant in Calauan, Laguna

C M S C 3 1 1

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Background and Initial Scope

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The Isdaan Floating Restaurant in Calauan, Laguna used to rely on a manual walk-in reservation system, which often caused long lines and scheduling problems. These issues became harder to manage during and after the pandemic.

To help improve their process, a web-based reservation and scheduling system is created. This system lets customers easily check available slots, book or cancel reservations, and message the admin if needed. For the staff, it helps them organize bookings, manage daily schedules, and avoid no-shows. The main goal of updating this system was to modernize how the restaurant handles reservations and make things easier for both customers and staff.



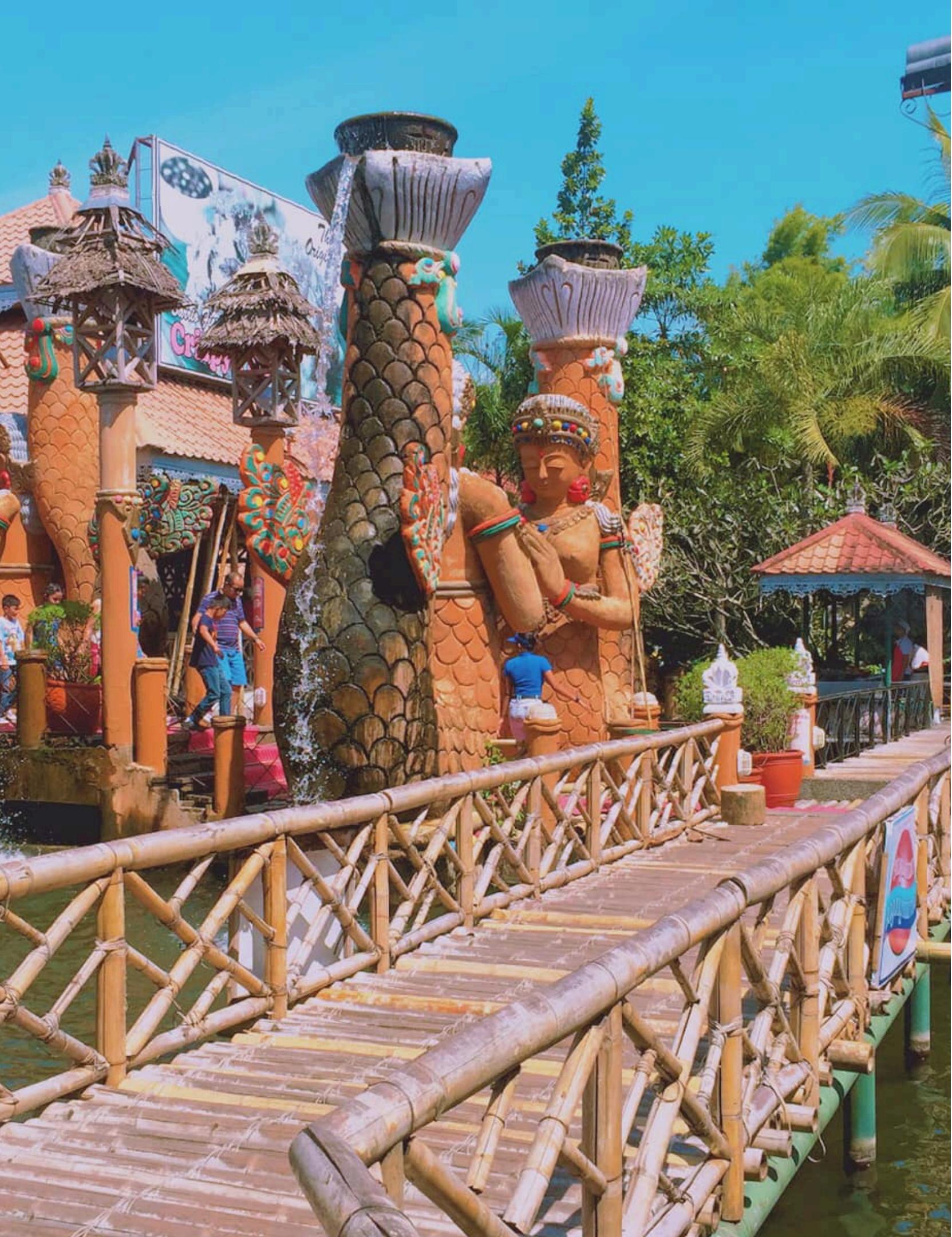


Key Enhancements

Key Enhancements

COSTUMER PAGE

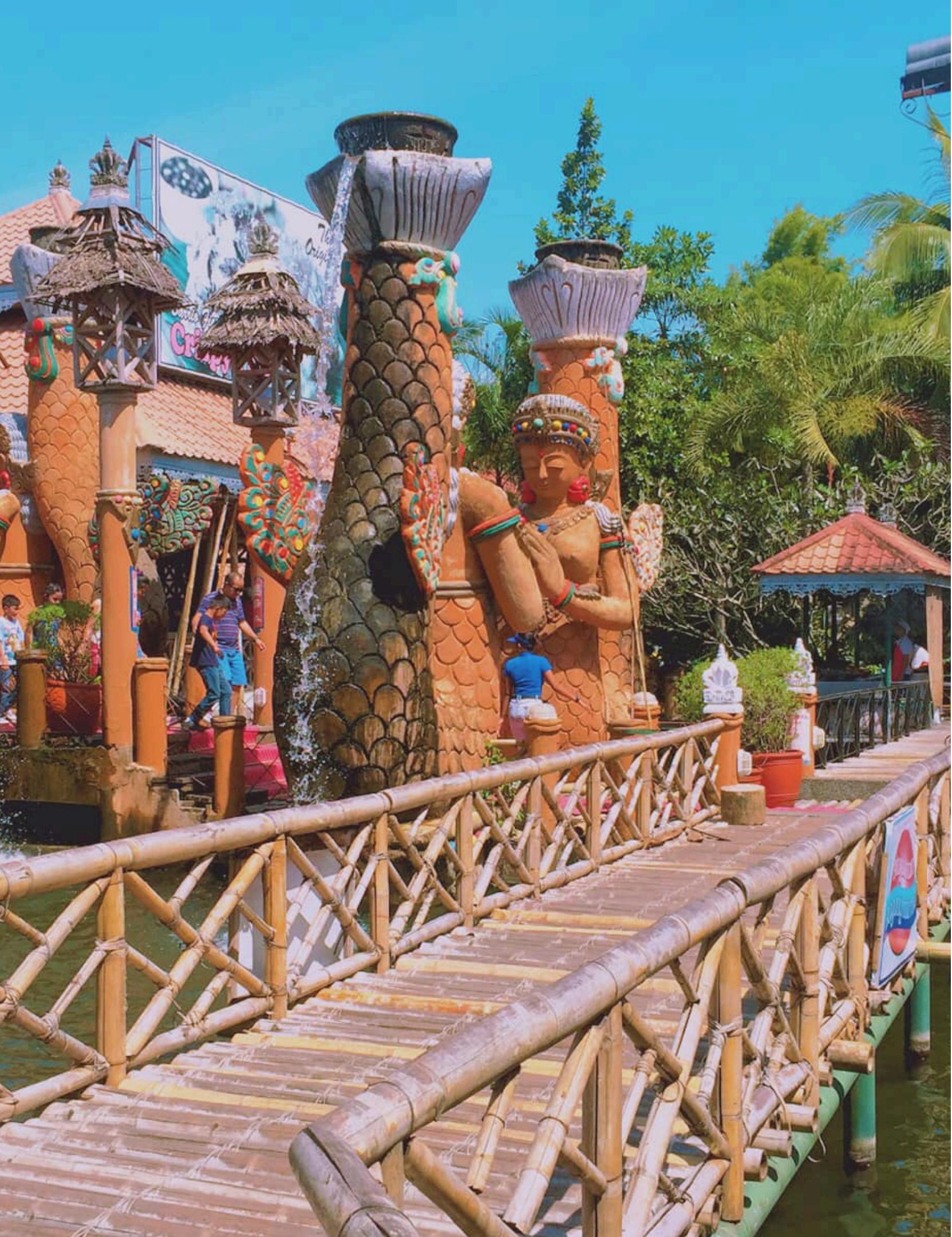
- Costumer Registration in web-based application
- Can Log-in and do reservations once you have an account
- Real-time registration
- Can view the location of restaurant by googles maps
- Can direct to their FB page using the link
- Can view the cottages available with capacity and rates
- Attractive UI design of the costumer page



Key Enhancements

COSTUMER PAGE

- Registration details with gmail account
- Only valid and one gmail can use
- After registration, inside the account can only view and book a reservation
- Real-time reservation with date and time
- Can make multiple reservation
- Can view the details of reservation
- Can cancel the reservation
- Can make special request during reservation



Key Enhancements

ADMIN PAGE

- Default admin account (username and password)

DASHBOARD

- Implemented number of users, reservations, confirms and pending reservations
- Real-time lists of total reservations scheduled
- Can view the details of costumer's reservations



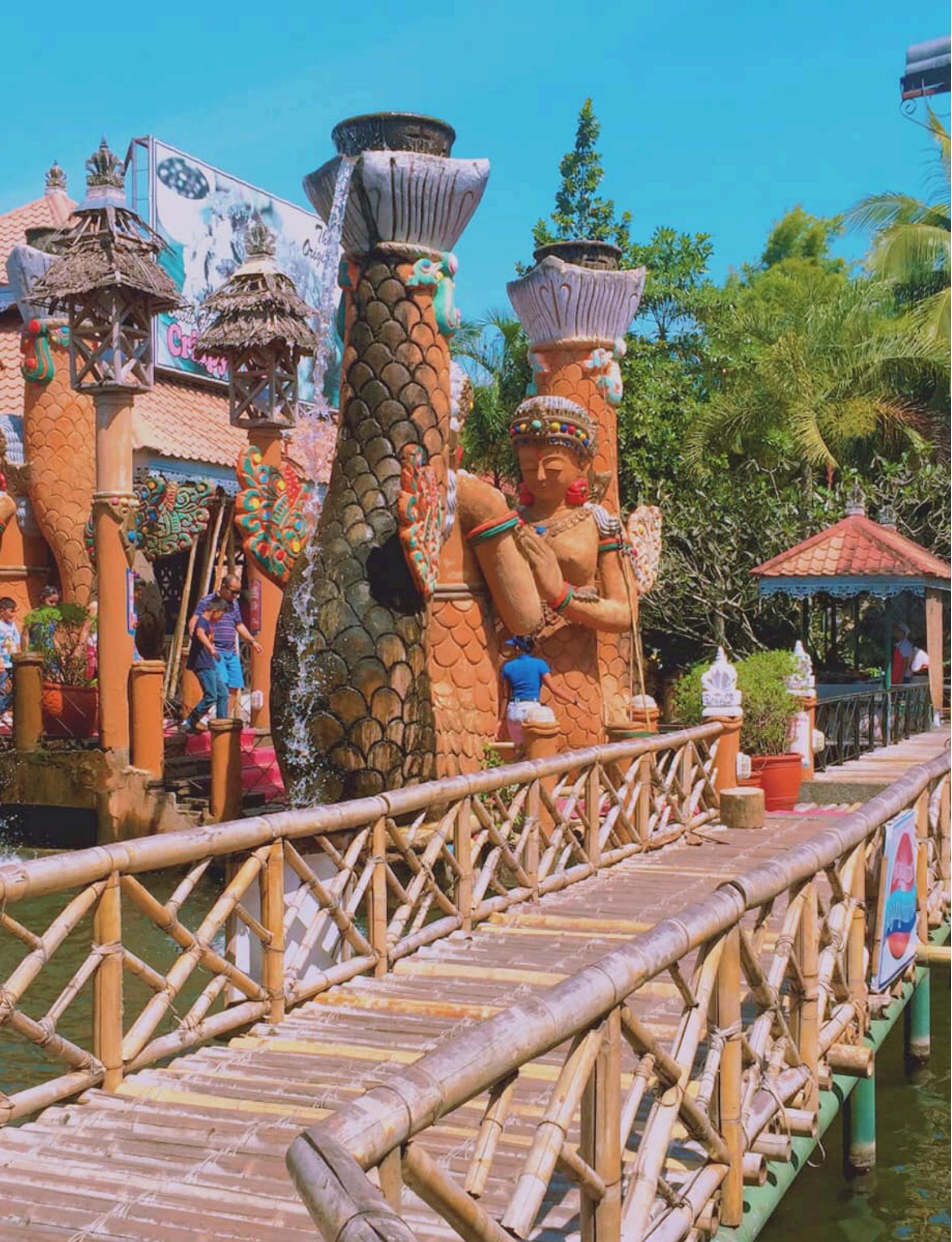
Key Enhancements

ADMIN PAGE

- Default admin account (username and password)

APPROVED

- Organized detail lists of confirmed, Pending, and Cancelled registration
 - With number of guests, status, and cottage type



Key Enhancements

ADMIN PAGE

- Default admin account (username and password)

USERS

- Details of registered costumer
- Can view how many reservations that the user made
- Real-time registration



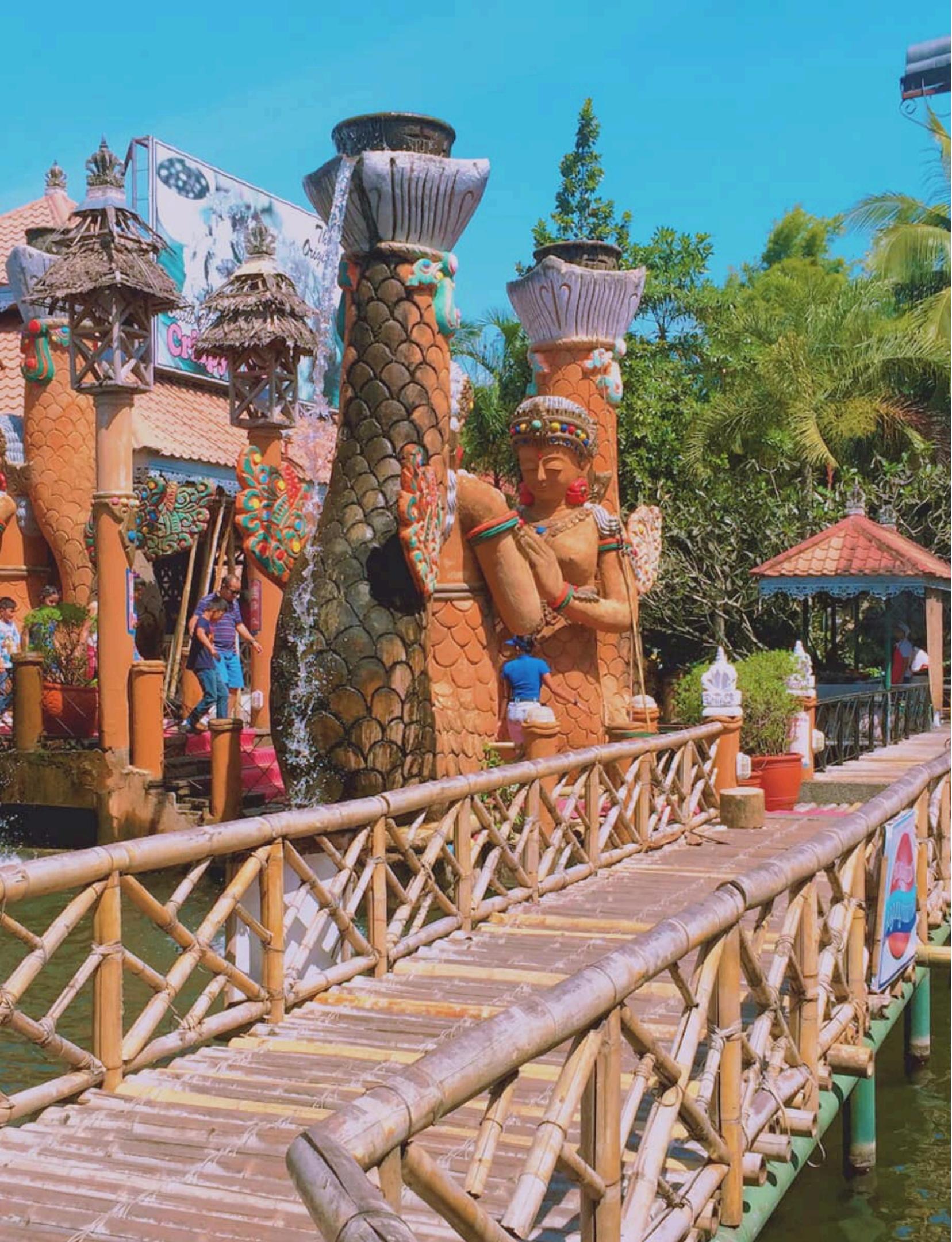
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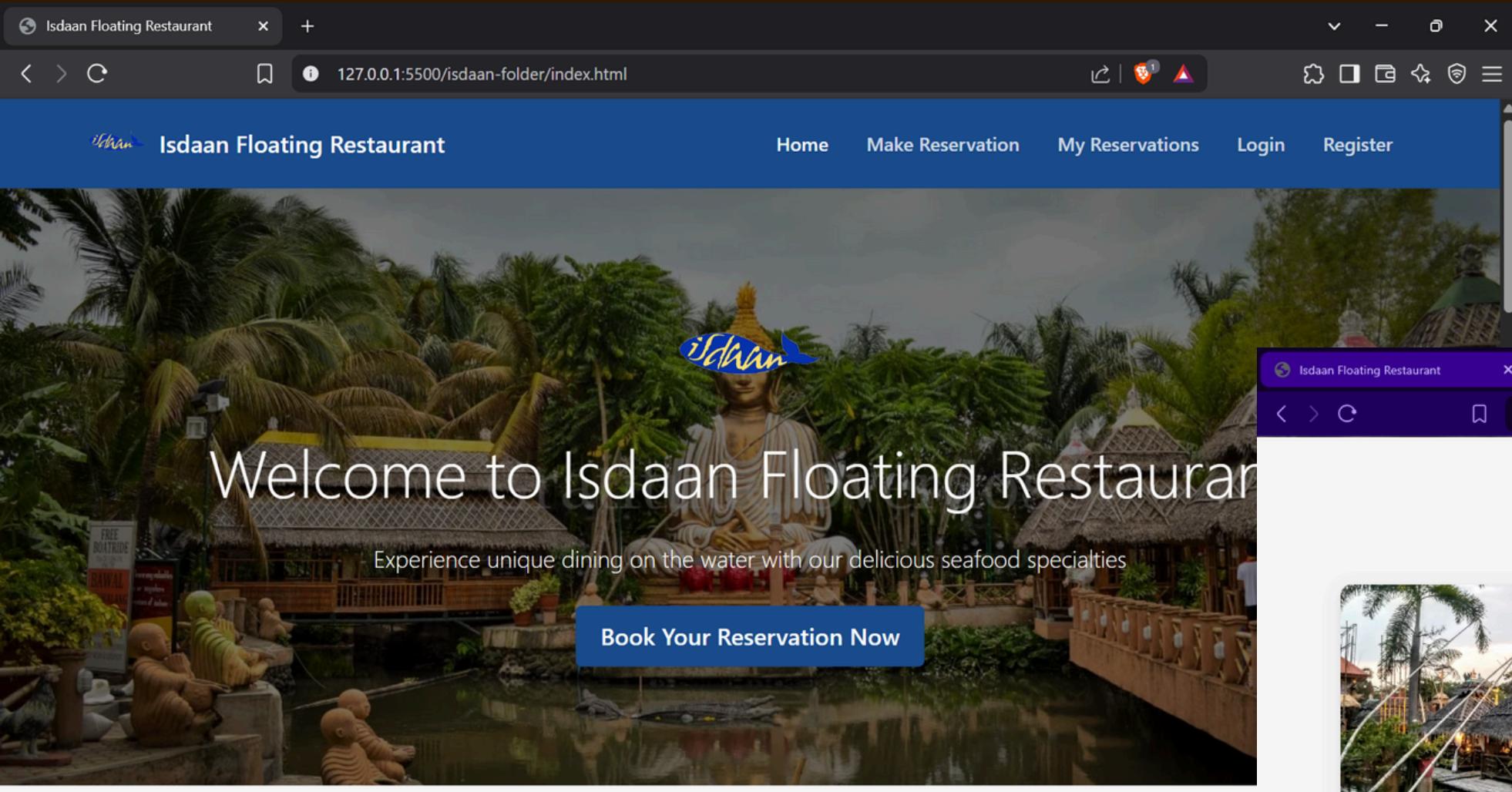
SETTINGS

- Implemented cottage settings and admin account
- Can edit the value or rates of the cottage
- Can update admin username and password



A large, colorful mural of a traditional Chinese dragon is painted on the side of a building. The dragon's body is brown with yellowish scales, and its head is blue with a red crest. It has a long, flowing tail and is surrounded by swirling clouds. The background shows other parts of the building, including a tiled roof and some greenery.

Screenshots of the System



Book Your Visit

Hours: Weekdays 9am-7pm, Weekends 8am-8pm
Service: Dine-in & Takeaway
Address: National Hwy, Calauan, Laguna
Phone: 0923 441 6756

[View larger map](#)

A Google Map shows the location of Isdaan Floating Restaurant along the National Highway in Calauan, Laguna. Labels on the map include 'National Hwy', 'Calauan Hwy', 'Puregold Calauan', 'Calauan Health Center', and 'Calauan H'. A 'View larger map' button is located in the top right corner of the map area.

Our Floating Cottages

A spacious floating cottage ideal for families and small gatherings.

Floating Kubo Available
Spacious floating cottage ideal for families and small gatherings.
Capacity: 6-8 people
Rate: ₱1,500.00

A medium-sized floating cottage with excellent water views.

Floating Kubo 2 Available
Medium-sized floating cottage with excellent water views.
Capacity: 4-6 people
Rate: ₱1,000.00

The largest floating cottage with premium amenities.

Floating Kubo 3 Available
Our largest floating cottage with premium amenities.
Capacity: 9-12 people
Rate: ₱2,500.00

Main Interface for
Guest

Isdaan Floating Restaurant
National Highway, Calauan, Laguna
Phone: 0923 441 6756

Hours
Monday - Friday: 9am - 7pm
Saturday - Sunday: 8am - 8pm

Quick Links
[Home](#)
[Make Reservation](#)
[My Reservations](#)
[Admin Login](#)

[Facebook](#) [Instagram](#) [Twitter](#)

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Make a Reservation - Isdaan Floating Restaurant

127.0.0.1:5500/reservation.html

Isdaan Floating Restaurant

Home Make Reservation My Reservations Login Register

Please login to make a reservation

You need to [login](#) or [register](#) to book a cottage.

Select Your Floating Kubo



Floating Kubo Available

Spacious floating cottage ideal for families and small gatherings.

Capacity: 6-8 people

Rate: ₱1,500.00



Floating Kubo 2 Available

Medium-sized floating cottage with excellent water views.

Capacity: 4-6 people

Rate: ₱1,000.00



Floating Kubo 3 Available

Our largest floating cottage with premium amenities.

Capacity: 9-12 people

Rate: ₱2,500.00

Make Reservation Page

My Reservations - Isdaan Floating Restaurant

127.0.0.1:5500/isdaan-folder/my-reservations.html

Isdaan Floating Restaurant

Home Make Reservation My Reservations Login Register

Please login to view your reservations

You need to [login](#) to view your reservations.

Isdaan Floating Restaurant

National Highway, Calauan, Laguna
Phone: 0923 441 6756

Hours

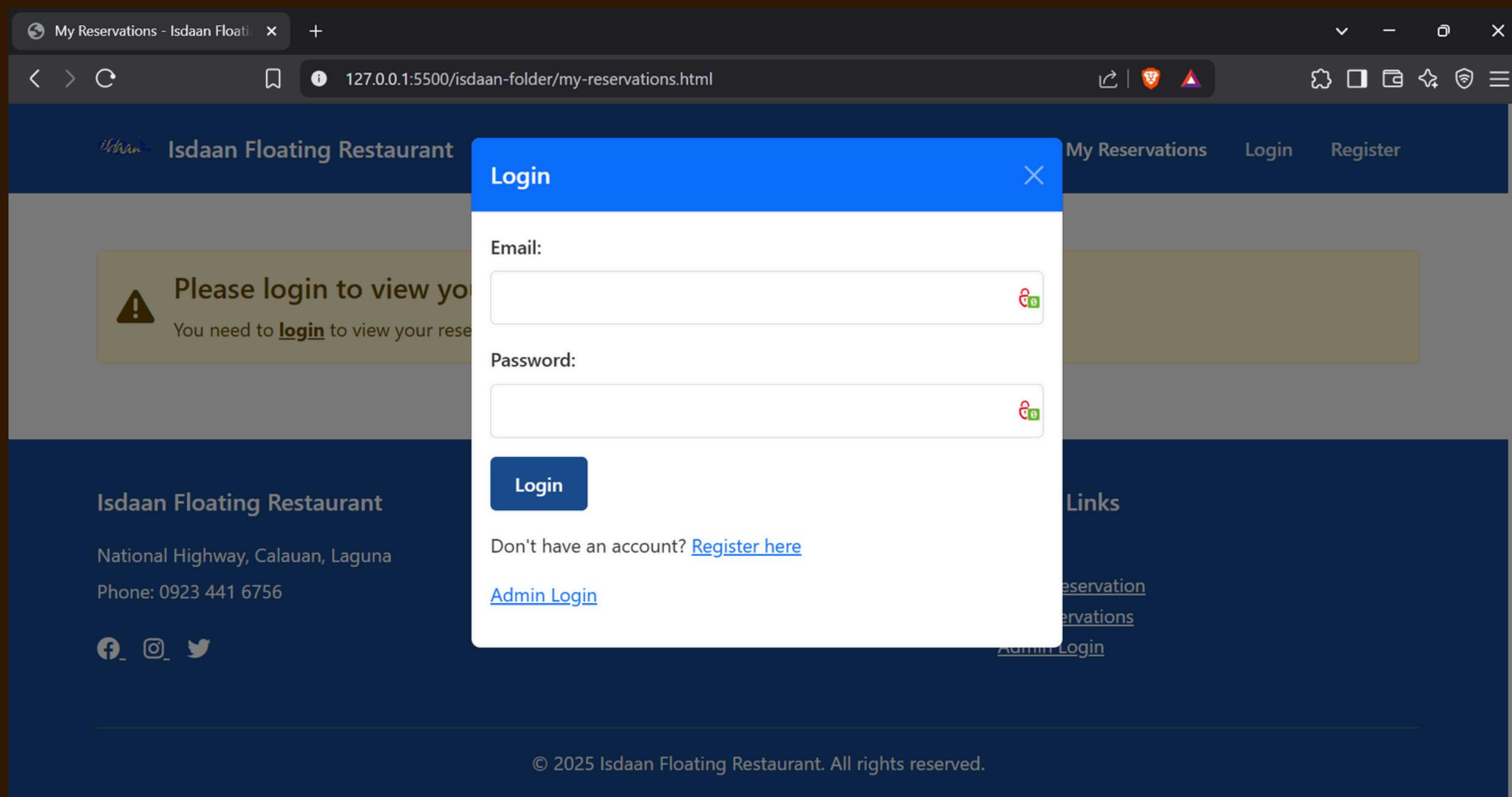
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Quick Links

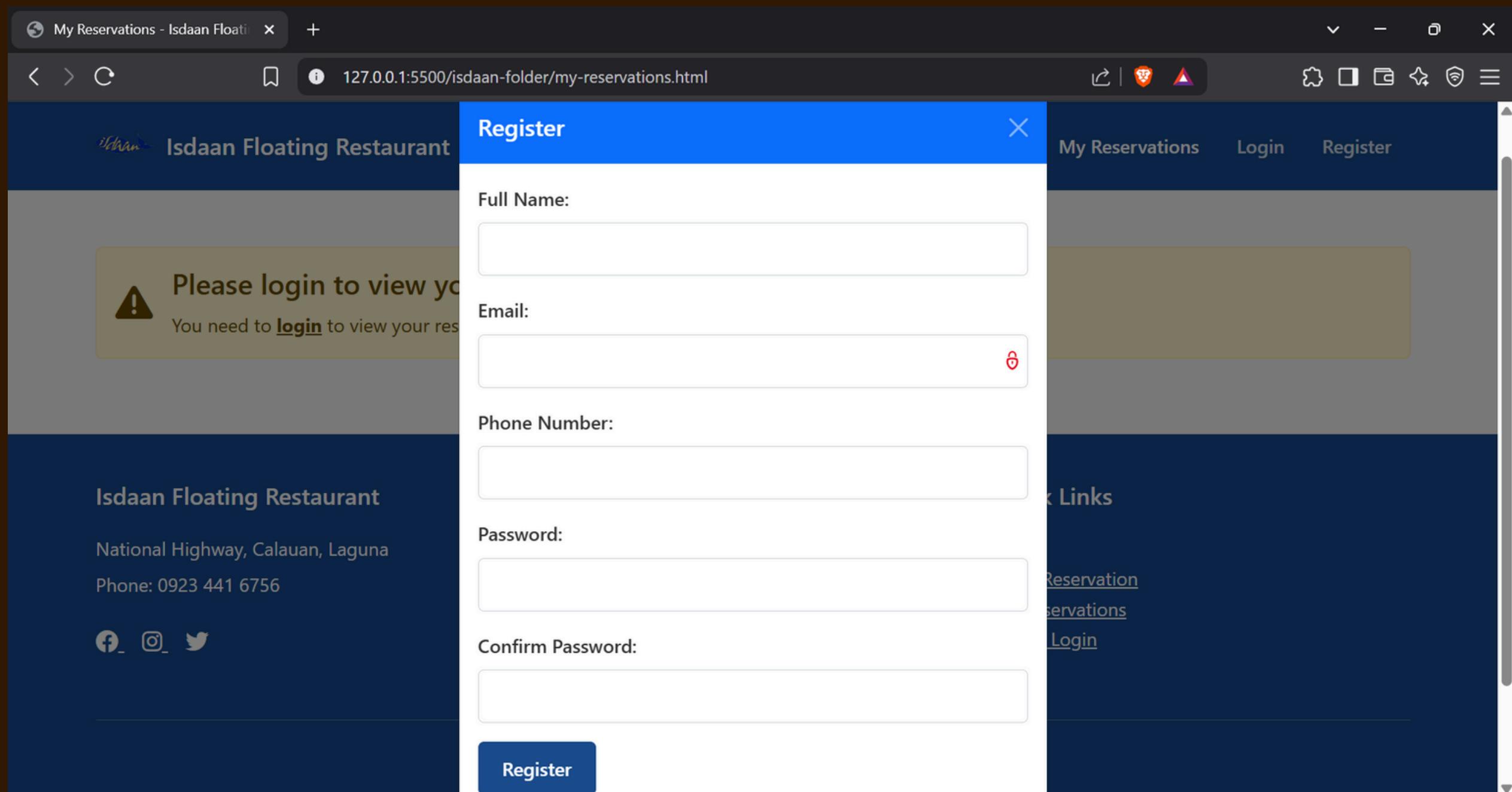
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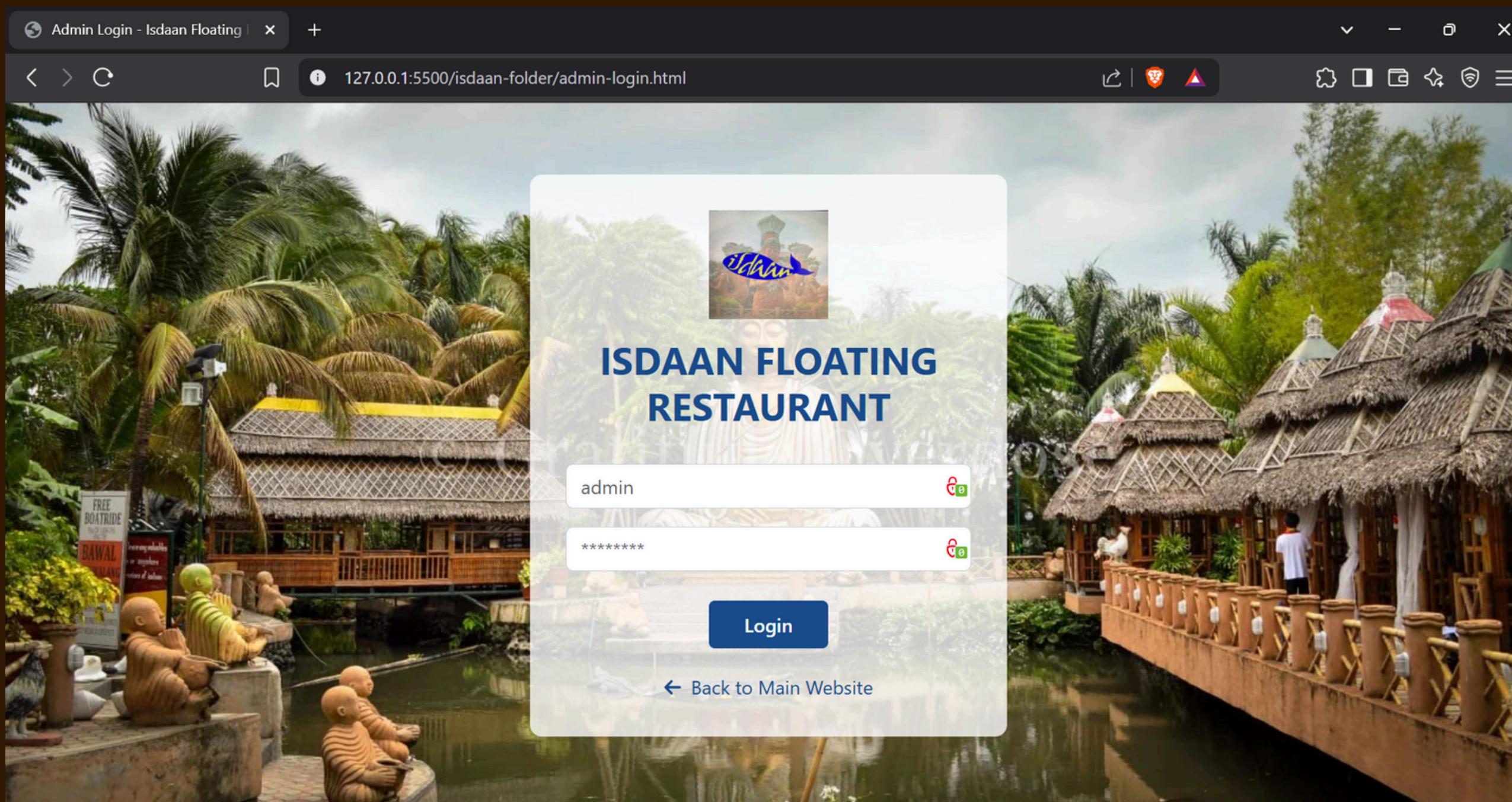
View Reservation Page



Login Page for Customer



Register Page for New Customer



Admin Login Page

Admin Dashboard - Isdaan Floa X +

127.0.0.1:5500/isdaan-folder/admin-dashboard.html

Isdaan Floating Restaurant

Dashboard

Approved

Registered User

Settings

Sign out

Dashboard

Total Reservations 0

Confirmed 0

Pending 0

Registered Users 0

Profile Logout

Recent Reservations

ID	Customer	Date	Cottage	Status	Action
No reservations found					

View all reservations

Today's Reservations

No reservations scheduled for today.

The screenshot shows the Admin Dashboard for Isdaan Floating Restaurant. The main header includes the title "Admin Dashboard - Isdaan Floa" and the URL "127.0.0.1:5500/isdaan-folder/admin-dashboard.html". On the left, a sidebar menu lists "Dashboard", "Approved", "Registered User", and "Settings", with a "Sign out" button at the bottom. The main content area features a large "Dashboard" heading and four colored cards showing reservation counts: a blue card for "Total Reservations" (0), a green card for "Confirmed" (0), a yellow card for "Pending" (0), and a cyan card for "Registered Users" (0). Below these are two sections: "Recent Reservations" and "Today's Reservations", both of which indicate "No reservations found". A "View all reservations" link is located under the recent reservations section, and a message "No reservations scheduled for today." is displayed under the today's reservations section. The top right corner shows a user profile for "admin" with options for "Profile" and "Logout".

Admin Dashboard

Admin Dashboard - Isdaan Flo

127.0.0.1:5500/isdaan-folder/admin-dashboard.html

Isdaan Floating Restaurant

Dashboard Approved Registered User Settings Sign out

Reservations

Search...

All Reservations Pending Confirmed Cancelled

ID	Customer	Contact	Date & Time	Cottage Type	Guests	Status	Actions
No reservations found							

Admin Dashboard - Isdaan Flo

127.0.0.1:5500/isdaan-folder/admin-dashboard.html

Isdaan Floating Restaurant

Dashboard Approved Registered User Settings Sign out

Users

Search users...

Registered Users

ID	Name	Email	Phone	Registered On	Reservations	Actions
No users found						

Admin Dashboard - Isdaan Flo

127.0.0.1:5500/isdaan-folder/admin-dashboard.html

Isdaan Floating Restaurant

Dashboard Approved Registered User Settings Sign out

Settings

Cottage Settings

Small Cottage Price: ₹ 1000

Medium Cottage Price: ₹ 2000

Large Cottage Price: ₹ 3500

Admin Account

Username: admin

Change Password: New password

Confirm Password: Confirm new password

Save Changes **Update Account**

Sidebar Tabs



Lessons Learned

Conclusion

One of the biggest things we learned was the importance of user feedback. By listening to what customers and staff needed, we were able to make changes that really improved how the system worked. We also saw how limiting a manual system can be—long lines and double bookings were common before, and switching to an online system made everything more organized and easier to manage. Another lesson was that simple design is better. Users appreciated a clean layout and easy navigation more than advanced features. Lastly, we realized that updating a system is an ongoing process. Just because it works now doesn't mean it can't be better later, so it's important to keep improving based on new problems and user suggestions.





thank You.