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Abstract: *In the current era of globalization, numerous initiatives are being undertaken to create convenience for people. In recent history and even today, some organizations have learned the lesson of long queues. The ultimate solution to this issue, except for some exceptions, is to create its own web platform and put it on the right track. Web platforms, as a solution to the most critical aspect of time wastage without any hassle or trouble, offer people the convenience to carry out their tasks easily from anywhere through the internet. Our government's efforts to transition to e-commerce are a service to the well-being of the people. Each citizen can execute any task from a distance, making it the most important job, fast and convenient, saving time, and also significantly combating corruption.*

Key words: *XAMPP, Website, Admin, SQL, MySQL, Contact, Management, System, PHP.*

INTRODUCTION

General Appearance and Description of the Website: This Online Guest House Reservation System is an automated system that allows you to make online reservations for your guests at a convenient time. This system enables you to efficiently manage your guesthouse, increase office productivity, and boost your profits. Now, if you have an internet connection and a laptop, smartphone, or tablet, you can easily receive orders at any time and from anywhere because it has a very user-friendly design. When comparing the process that could be time-consuming and challenging with a process that can be done with just a few clicks, the online room reservation process has become simple, easy, and convenient, as it provides a convenient user interface.

Materials and Methods: This system has the following features:

Admin Side

Managing rooms

Managing available spaces

Managing reservations

- Creating reports
- Managing users
- User Side
- Home page
- Room and prices
- About us
- Contact us
- Guest profile
- Managing the order cart
- Reservation details
- Submitting reservations
- Login and logout

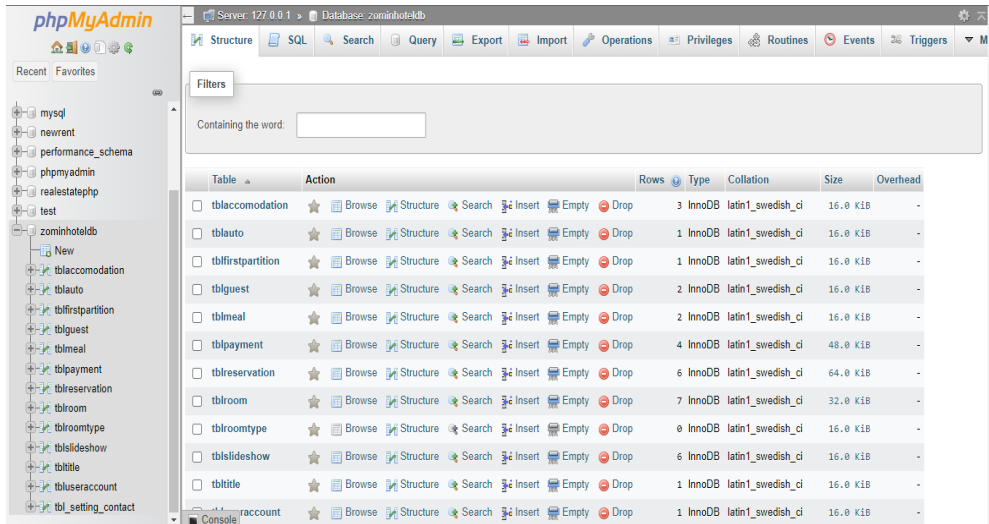


Figure 1. The appearance of the guest house website based on XAMPP.

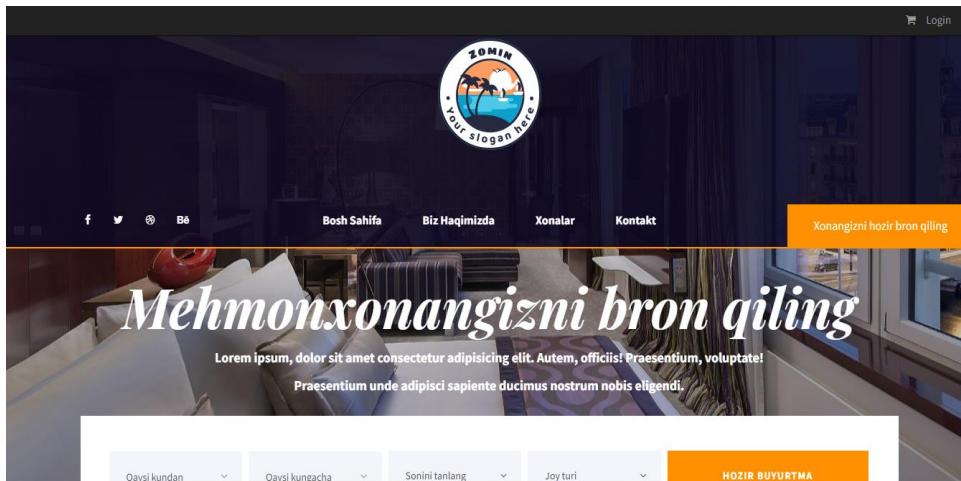
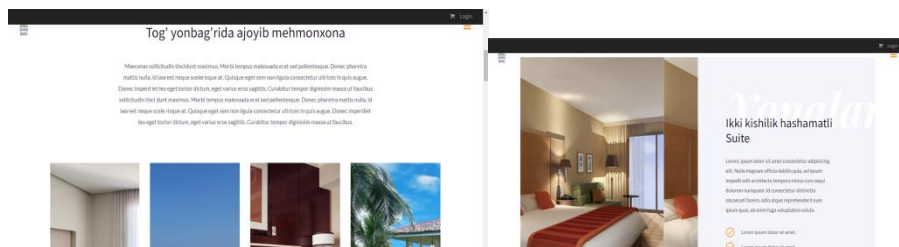


Figure 2. Home Page
The user dashboard of the website.



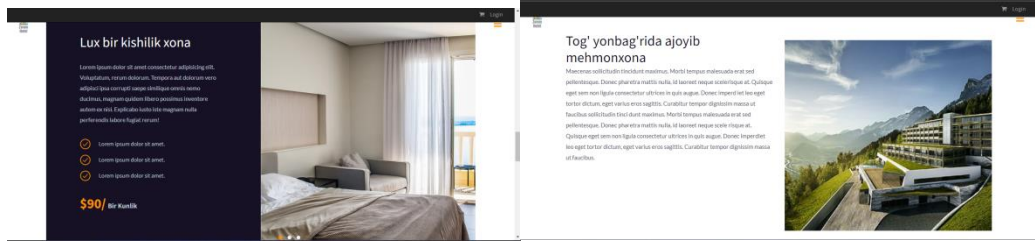


Figure 3. Brief Information About the Website

On the login page, convenient features, conditions, and a brief overview of the guest house are provided.

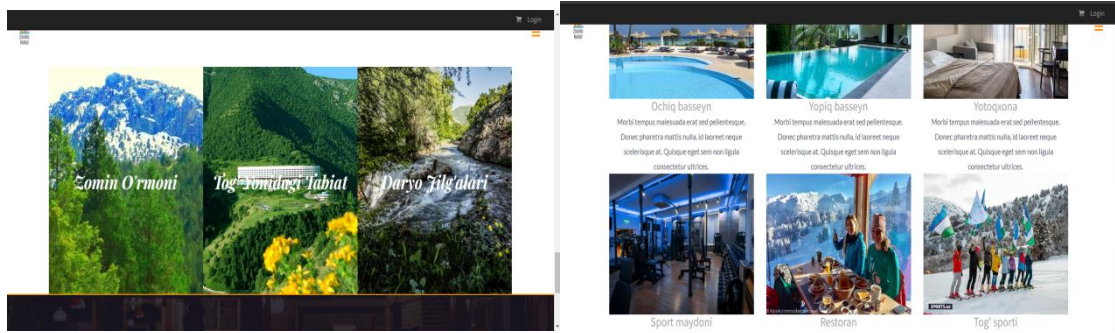


Figure 4. The features that enhance convenience.

The "About Us" section is a common component of most websites. This section provides information about the guest house, its location, and the additional activities and amenities available there.

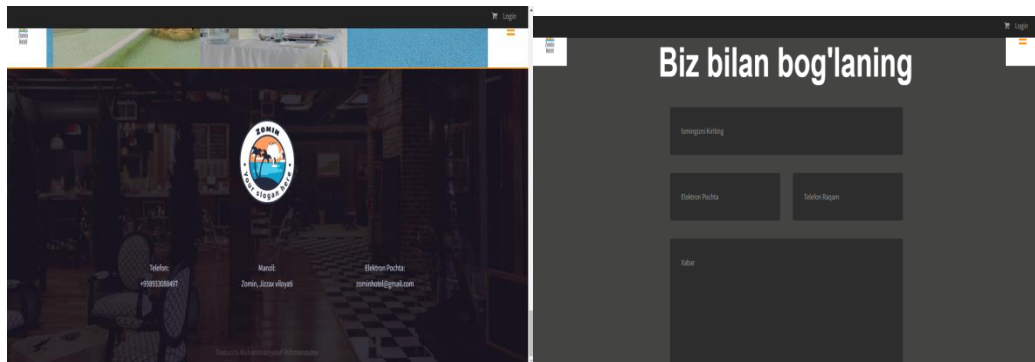
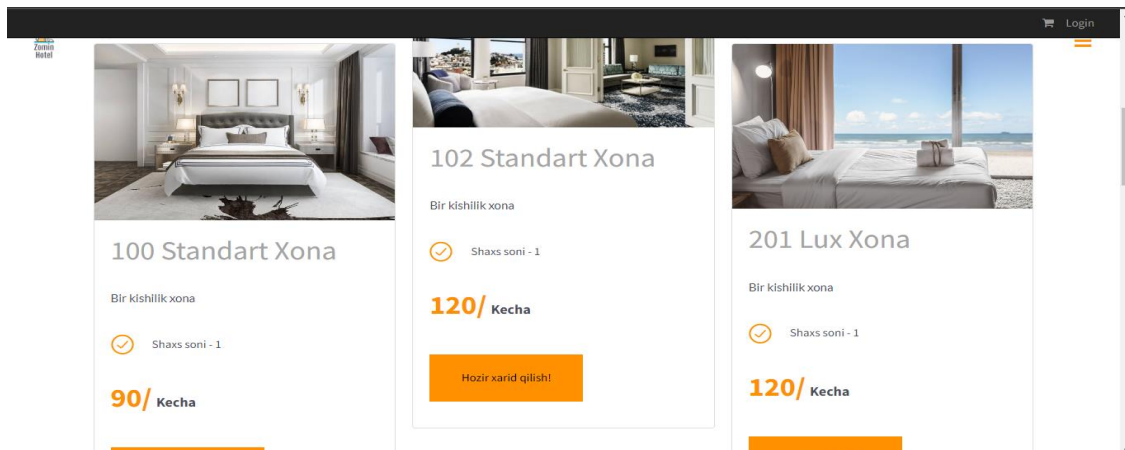


Figure 5. The contact information section.

In this section, you can find the address, phone number, and email address for guest house inquiries. Additionally, there is a "Contact" section designed for feedback, questions, and suggestions.



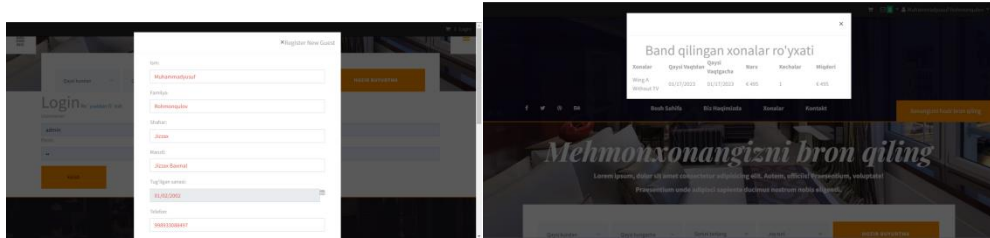


Figure 6. The room reservation section.

In this section, you can find brief information about the room. To reserve a room, users must first register and then submit a request. The admin reviews the information and confirms it. Payment is processed online on this website.

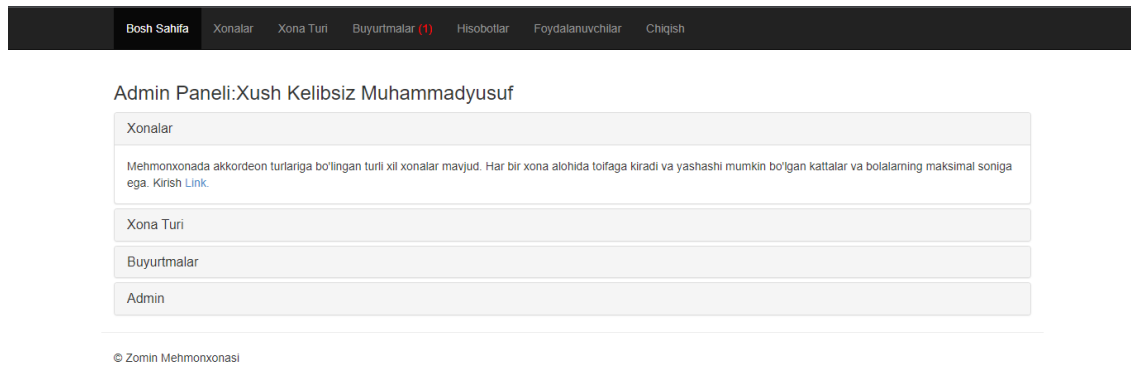


Figure 7. Admin dashboard

The management panel on the admin side, with links provided for each section.

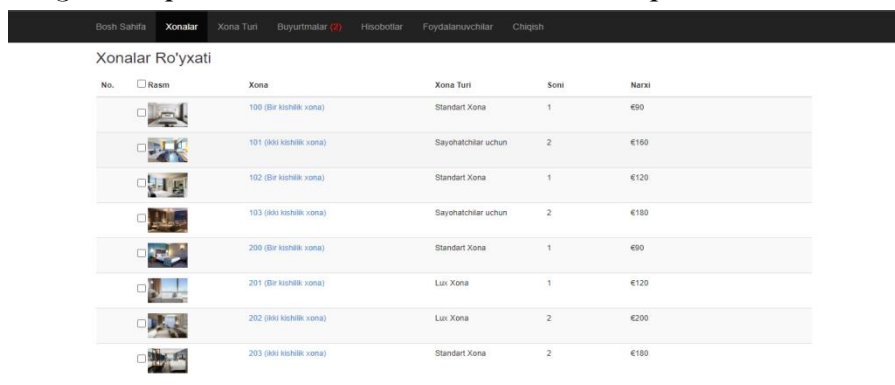


Figure 8. Room management

In this section, you can find comprehensive information about each room. It includes the functions to add, edit, and delete rooms.

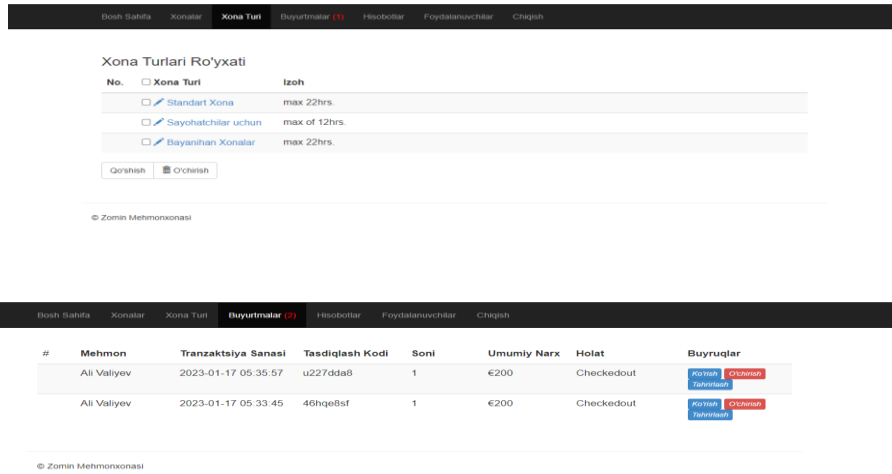


Figure 9. Order Page

In the first image, the Admin can manage the types of rooms. They can add new categories, edit them, and delete them. In the second image, all tasks related to orders are carried out. In this section, if a guest has entered incorrect information, the admin can edit it.

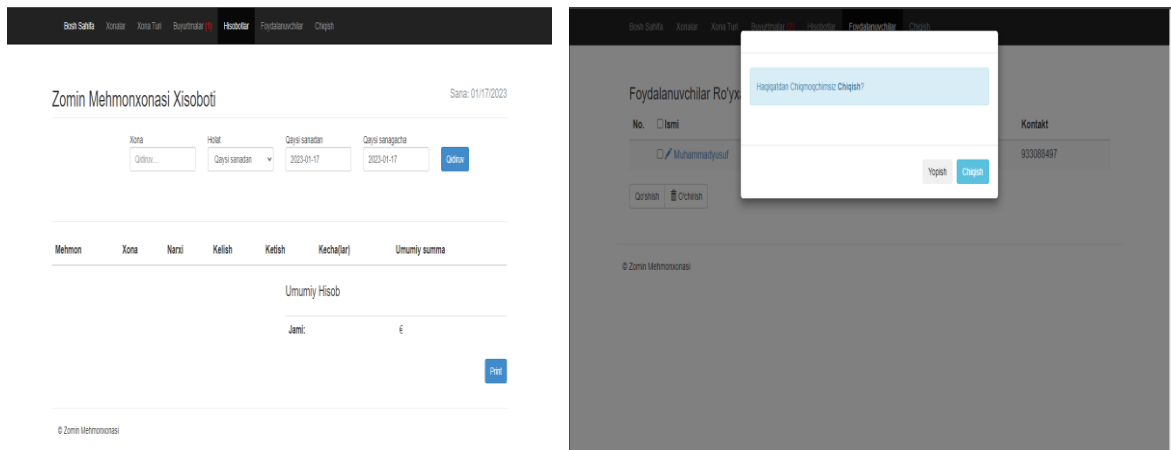


Figure 10. Reporting Page

Result and Discussion: In the first image, the guesthouse's reporting section is available. It allows selecting a date range, and during that period, the overall report is generated. After completing all the tasks, in the second image, the user can log out from the profile using the "Log Out" button.

Conclusion: This article has allowed me to revisit and address my shortcomings in the field of web development. For the first time, I created this project using SQL with a MySQL database. Another new aspect was working in the XAMPP environment, which was a departure from our previous experience with the Access environment. Our web development instructor provided us with essential insights into programming languages, which proved invaluable. In summary, through learning programming languages and setting up a new SQL environment, we discovered that it is possible to efficiently create web platforms entirely using PHP.

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