

# HOTEL RESERVATION SYSTEM



Project URL:

# PROJECT DESCRIPTION

We all need a vacation at certain times to get rid of stressful life experiences all year round. Or we would like to stay in a comfortable hotel on a mandatory business trip.

With these in mind, we have created a secure online reservation system where customers can easily sign up and choose the most suitable room for them.

In the project we created, we designed a simple interface so that all information about the hotel can be easily found by all age groups.

In addition, considering how difficult and stressful hotel management can be, we have created a database that managers can easily access.

# SYSTEM REQUIREMENTS:

1-User can access the “Anasayfa”, “Rezervasyon”, “İletişim”, “Giriş Yap” and “Kaydol” pages by clicking the menu.

2-The user can view the hotel's homepage and access information about the hotel without registering and logging in.

3-Before the user can access the reservation system, he/she must first register and then log in.

4-The user can convey his/her opinions about the hotel reservation system to the hotel administrators through the “İletişim” page.

5-The user can log out safely by clicking “Çıkış Yap” after completing all of his/her operations.

# USER INTERFACE REQUIREMENTS

## Log in Page

-Log in

## Registration Page

-enter all information



## Home Page

-Reservation  
-Contact  
-Register  
-Log in



## Reservation Page

-Choose the appropriate day and room

## Contact Page

-give positive / negative opinion

# PROJECT DATABASE

First of all, we decided on the database schema and created the database.

Then we implemented some database commands to create our tables.

We have added the data to our database. Sql commands helped us create tables and added data to those tables.

After that, we used some commands in user login to send data to our data table we created earlier.

First of all, name, surname, password, etc. We asked questions.

When these questions were answered, we registered the user in the system. After that, we asked these users in the system to login.

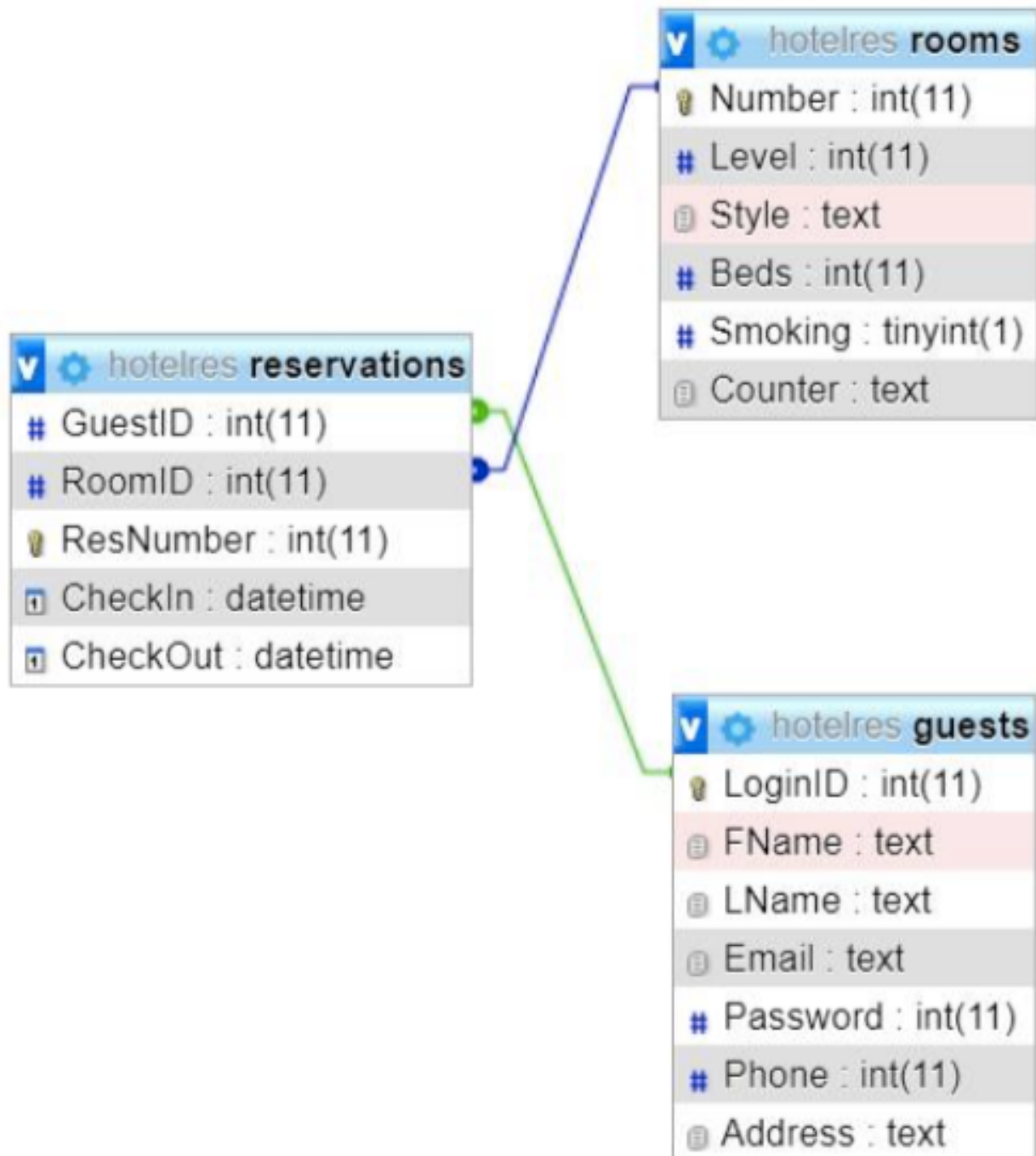
Then, if the guest wants to book a hotel room, we will receive data from the database system to see hotel room information.

After the guest sees the room information, if the guests want to reserve, they must enter the usernames and room numbers they want to reserve. After this process, the guest can make a reservation in our system.

Finally, different people cannot book the same room at the same time.

Guests will be asked questions to enter the system. If the user pays for a hotel room, it will be deleted from our system. The room will be empty in the guest safe and other guests will be able to see the room.

# Entity Relationship Diagram





# DESIGN AND IMPLEMENTATION

## Homepage and Implementation



This is the landing view of the user who has opened the application for the first time.

The user can easily visit all the pages on our website by clicking the section we designed as a burger menu from the homepage.

Also, the user can access the menu from the top, regardless of which page she/he went to.



# KEŞFET

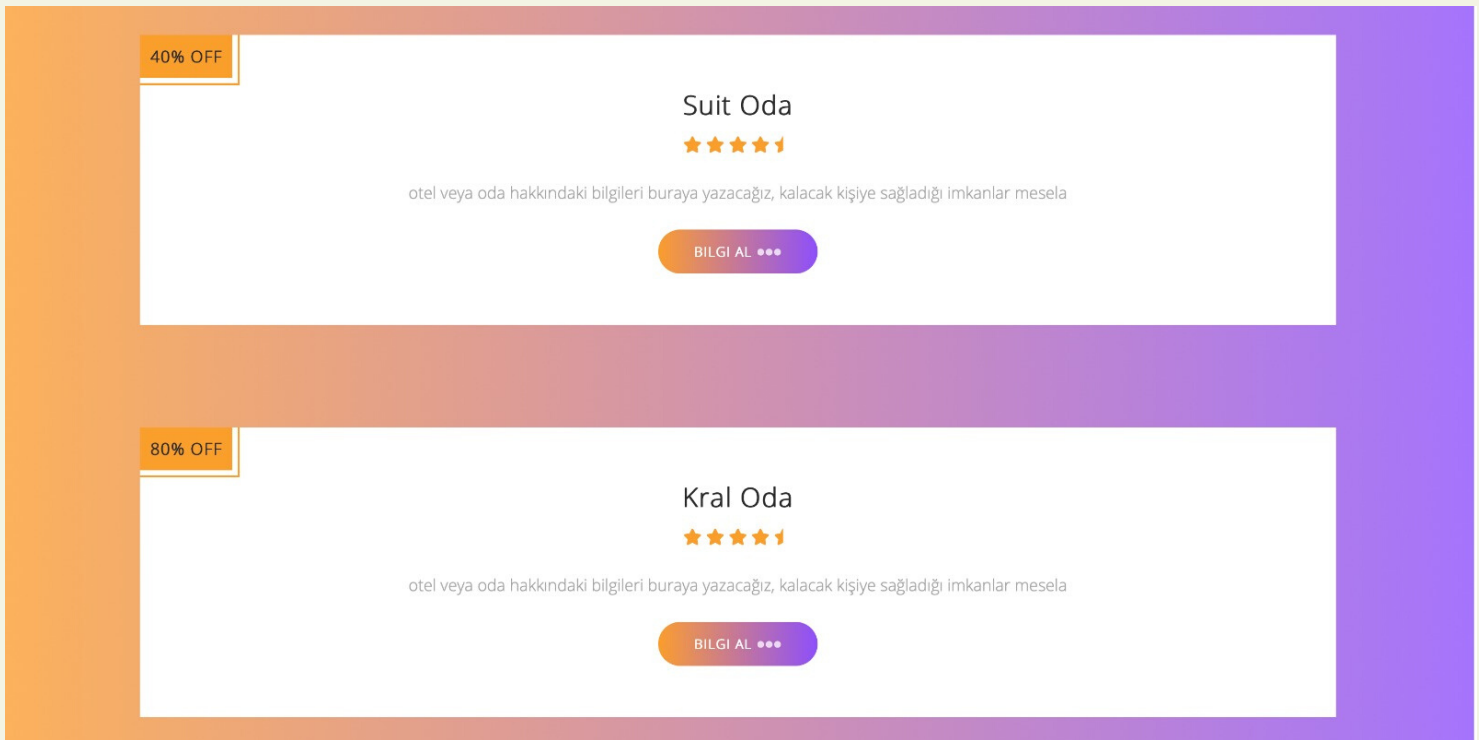
Odalarımız



As you progress through the homepage, you can reach the Explore Hotel section.

This section contains hotel rooms, the detailed informations of the rooms and the ratings prepared considering the previous users' experience.

This section is designed in a very colorful way to attract the attention of users.



Finally, on the main page, there are discounted rooms and discount details to attract the attention of users.

# Menu Design and Implementation

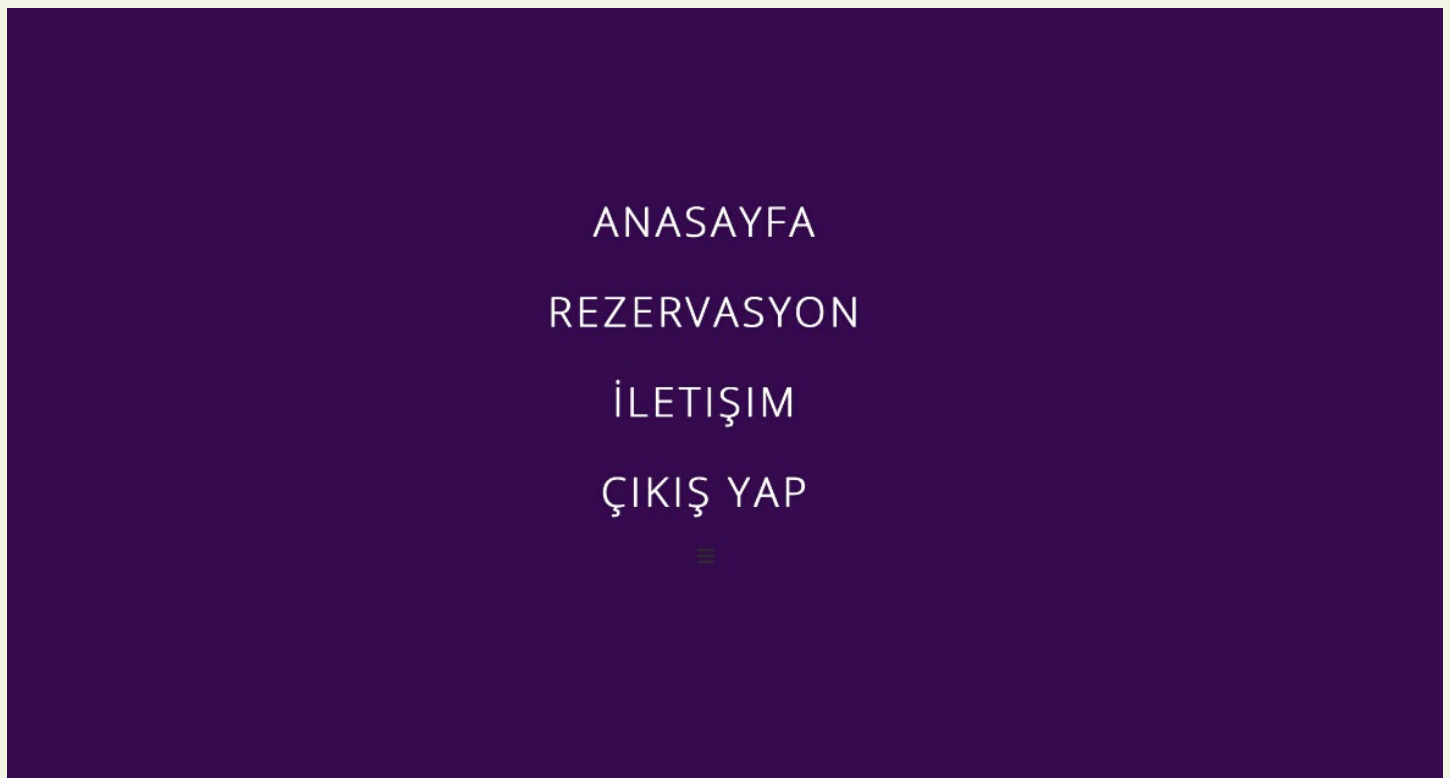


Customers can access the menu by pressing the triple bar button in the upper right corner of their screen.

For users who are not logged in yet, the menu appears as above.

We have prepared a simple menu design where users can easily access all pages.

Using the menu, the user can access the home page containing all the information about the hotel, access the sign up page if not already registered, access log in page if registered, and reach a reservation page to book the appropriate room, the user can also click on the contact page to give feedback.



After the user logs in, the menu appears as above.

After the user has completed all her/his operations, she/he can log out safely by clicking on the "çıkış yap".

# Registration Page and Implementation

The image displays a registration page with a white background and a purple border. The page is divided into two main sections: 'Kaydol' (Register) on the left and 'Sosyal Hesap' (Social Account) on the right. The 'Kaydol' section contains five input fields: 'Ad' (Name), 'Soyad' (Surname), 'Email', 'Kullanici Adi' (Username), and 'Parola' (Password). Below these fields is a red button labeled 'KAYDOL'. The 'Sosyal Hesap' section features three colored buttons: a blue button for 'Facebook ile Gir' (Login with Facebook), a light blue button for 'Twitter ile Gir' (Login with Twitter), and a red button for 'Google+ ile Gir' (Login with Google+). A grey circular button labeled 'Veya' (Or) is positioned between the two sections, indicating an alternative login method.

Kaydol

Ad

Soyad

Email

Kullanici Adi

Parola

Parola Dogrulama

KAYDOL

Sosyal Hesap

Facebook ile Gir

Twitter ile Gir

Google+ ile Gir

Veya

If a customer does not have a username then they will be able to sign up through the registration portal.

The user must first enter his / her name , surname and e-mail address to register.

Then the user must create a username that has not been previously registered in the database.

We were able to make the design optimal for any user to register their information in to the database.

In addition to that, we used encryption for user security.

Furthermore ,we added the option to sign up for social media accounts so that users can complete the registration process easily and quickly.



# Log in Page and Implementation

## Giriş Yap

Giriş

[Şifremi Unuttum?](#)

This login portal is where each user can enter their database and user names and verify their identity.

The user can access hotel information without logging in but cannot make a reservation.

When the user logs on, this information is stored in the database.

When the user wants to log in again, simply click the key symbol and select the username.

Also, users who forget their password can click on "parolamı unuttum?" to have the new password.

# Contact Page and Implementation

## İLETİSİM

*Bizimle iletişime geçin*

Ad Soyad

E-mail

Konu

Mesaj

MESAJ GÖNDER ●●●

In this section, users can submit their positive and negative opinions to hotel managers by entering their name, surname and e-mail addresses.

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