

Hotel Management System

Cloud9 : Elevate Your Stay

Project Guide:
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Contents

- Objective
- Introduction
- Project Overview
- System Architecture
- Technical Stack Used
- Features and Functionalities
- Security Measures
- Future Enhancements

Objective

- To provide a user-friendly platform where travelers can easily find and book hotels that match their preferences.

Introduction

- Integrates seamlessly with a vast network of hotels, ensuring a diverse range of options to suit every traveler's needs.
- From budget-friendly accommodations to luxury resorts, offer a diverse selection of hotels to cater to all tastes and budgets.
- Empowering users to browse, select, and book hotels conveniently through a user-friendly interface.

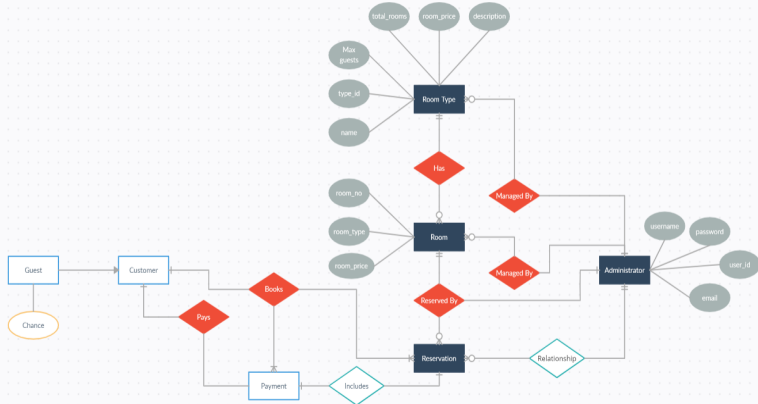
Introduction

- Feedback system allowing users to rate their stay and provide valuable insights for future travelers, fostering continuous improvement.
- Trusted platform ensuring secure transactions and reliable booking management.
- Streamlined process from selection to payment, optimizing user experience.
- Enhancing the travel experience by providing a hassle-free booking process.

Project Overview

- The project is made using Django framework along with bootstrap for frontend, styling and responsiveness.
- It uses Django authentication for Login/Signup.
- It has Stripe integration for payment.
- Uses Jazzmin for the Django admin site.
- It has a user dashboard page.

System Architecture



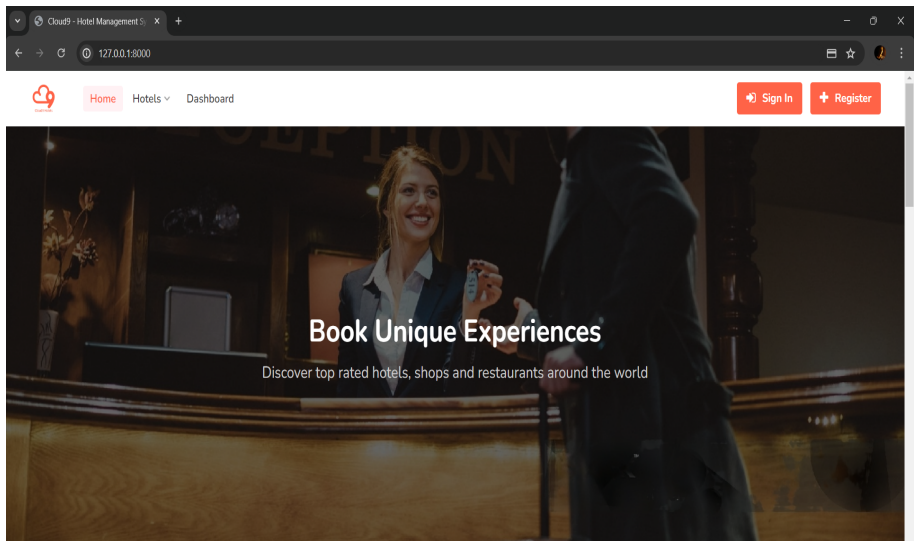
ER Diagram

Technical Stack Used

- Django
- HTML, CSS, Bootstrap, JavaScript, JQuery
- SQLite
- CKEditor
- Taggit

Features and Functionalities

1.Home Page for Users

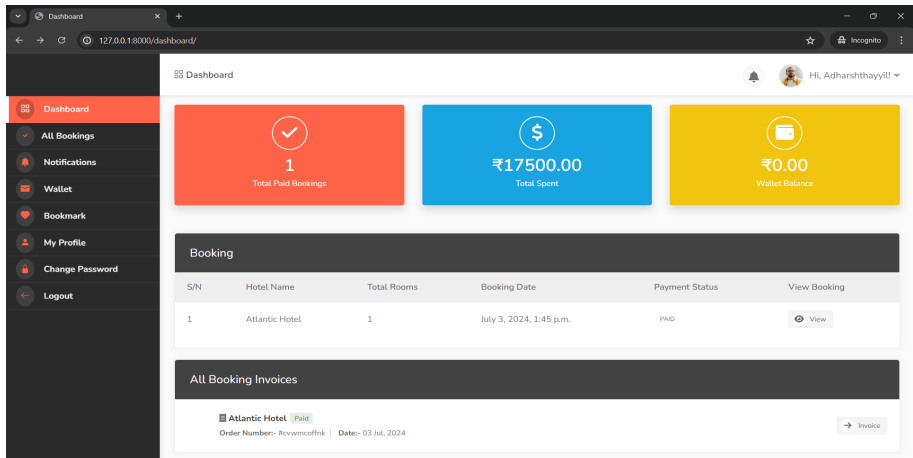


Features and Functionalities

- User Authentication.
 - Registration and login forms.
 - Password Encryption.
- Diverse Options.
 - Different hotels have different types of rooms.
- User Dashboard page.
 - User Bookings.
 - Notifications.
 - Wallet.
 - Bookmark.
 - My Profile.
 - Change Password.

Features and Functionalities

2. Dashboard for Users



The screenshot displays a web application dashboard for a user. The browser address bar shows the URL `127.0.0.1:8000/dashboard/`. The dashboard layout includes a sidebar on the left with the following menu items: Dashboard (selected), All Bookings, Notifications, Wallet, Bookmark, My Profile, Change Password, and Logout. The main content area features a top header with a bell icon, a user profile picture, and the text "Hi, Adharshthayill". Below the header are three summary cards: "Total Paid Bookings" (1), "Total Spent" (₹17500.00), and "Wallet Balance" (₹0.00). The "Booking" section contains a table with one booking entry. The "All Booking Invoices" section shows an invoice for "Atlantic Hotel" with a status of "Paid".

Dashboard Summary:

- Total Paid Bookings: 1
- Total Spent: ₹17500.00
- Wallet Balance: ₹0.00

Booking Details:

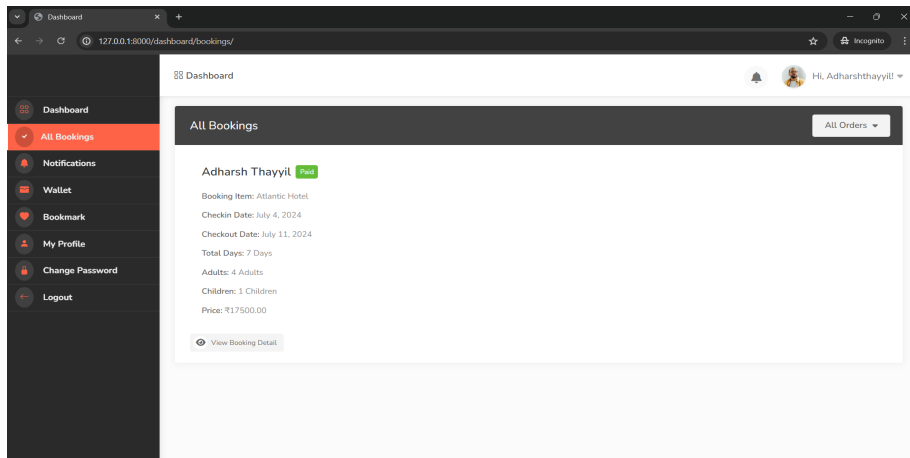
| S/N | Hotel Name | Total Rooms | Booking Date | Payment Status | View Booking |
|-----|----------------|-------------|-------------------------|----------------|----------------------|
| 1 | Atlantic Hotel | 1 | July 3, 2024, 1:45 p.m. | PAID | View |

All Booking Invoices:

Atlantic Hotel | Paid
Order Number:- #cvwmcoffnk | Date:- 03 Jul, 2024 [Invoice](#)

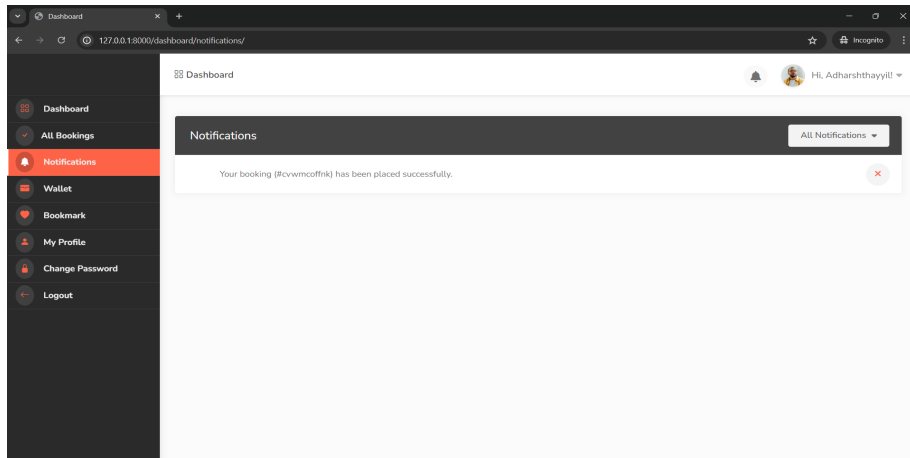
Features and Functionalities

3. User Bookings



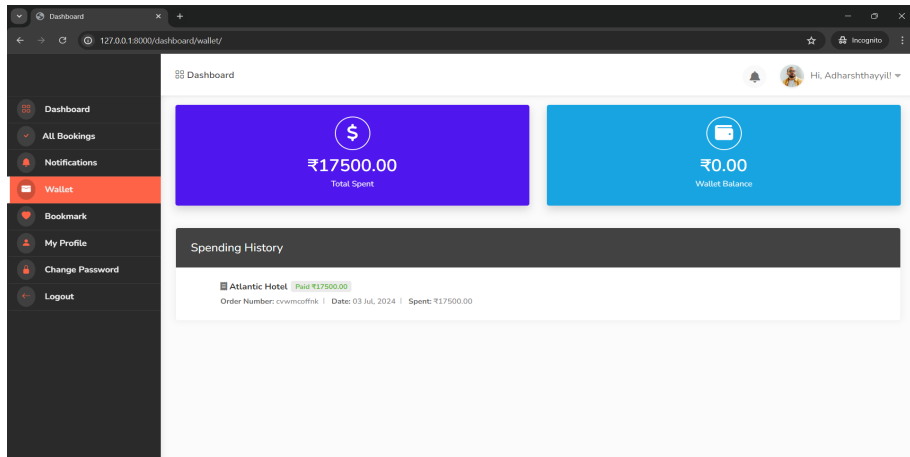
Features and Functionalities

4. Notifications



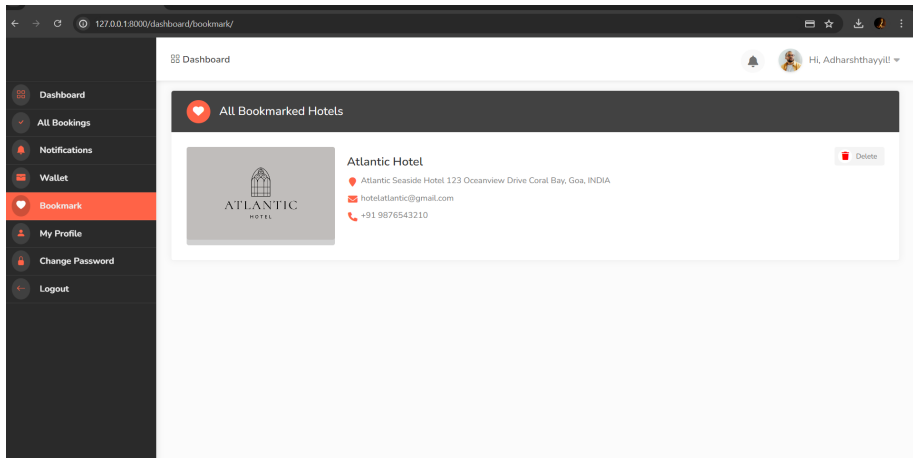
Features and Functionalities

5. Wallet



Features and Functionalities

6. Bookmark



Features and Functionalities

7. My Profile

Dashboard

127.0.0.1:8000/dashboard/profile/

Incognito

Dashboard

Hi, Adharshthayyil

Profile Details

Upload Photo

Full Name

Adharsh Thayyil

Email

thayyiladharsh@gmail.com

Mobile

9876543210

Gender

Male

Country

India

State

City

Address

Features and Functionalities

8.Change Password

Dashboard

127.0.0.1:8000/dashboard/change-password/

Incognito

Dashboard

Hi, Adharshthayyil

Change Password

Old password:

New password:

Your password can't be too similar to your other personal information.

Your password must contain at least 8 characters.

Your password can't be a commonly used password.

Your password can't be entirely numeric.

New password confirmation:

Features and Functionalities

- Hotel Browsing.
- Detailed Descriptions.
- Bookmark
- Add to Selection.
- Coupon Discounts.
- Checkout with payment option
- Booking Confirmation Mail
- Invoice generated.
- Hotel Reviews.
- Hotel Ratings.

Future Scope

- Enhanced AI and Machine Learning Integration.
- Expanded Hotel Partnerships.
- Enhanced Security Measures.
- More Payment Methods.

Thank You