

By Romisaa Fadel



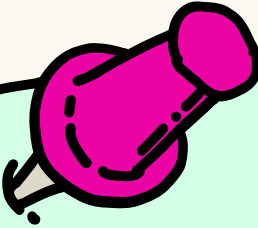
Hotel



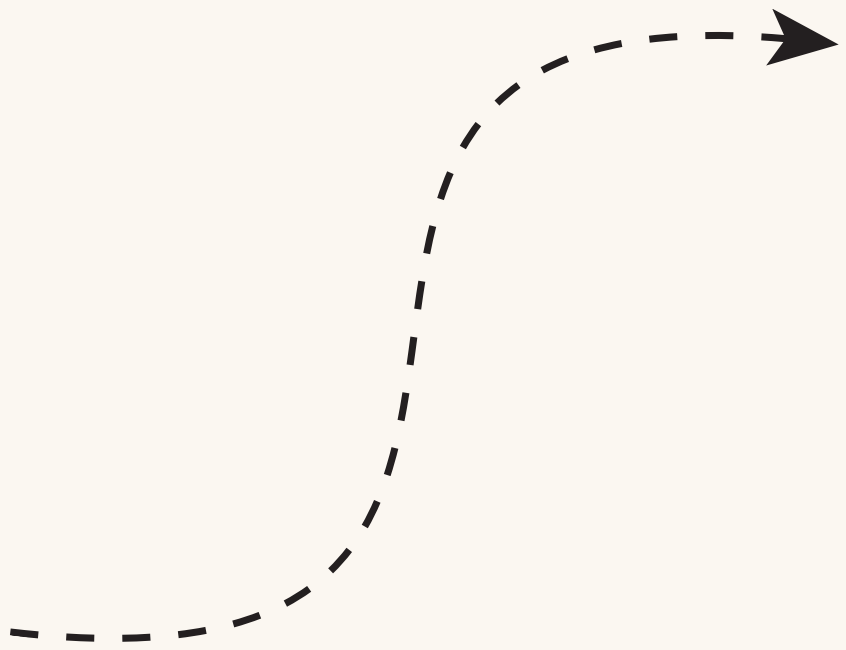
BOOKING SYSTEM


HOTEL BOOKING

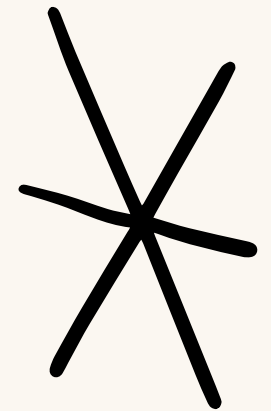


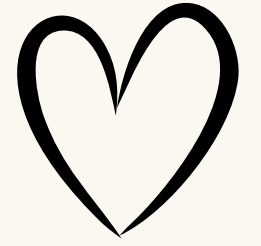


Agenda



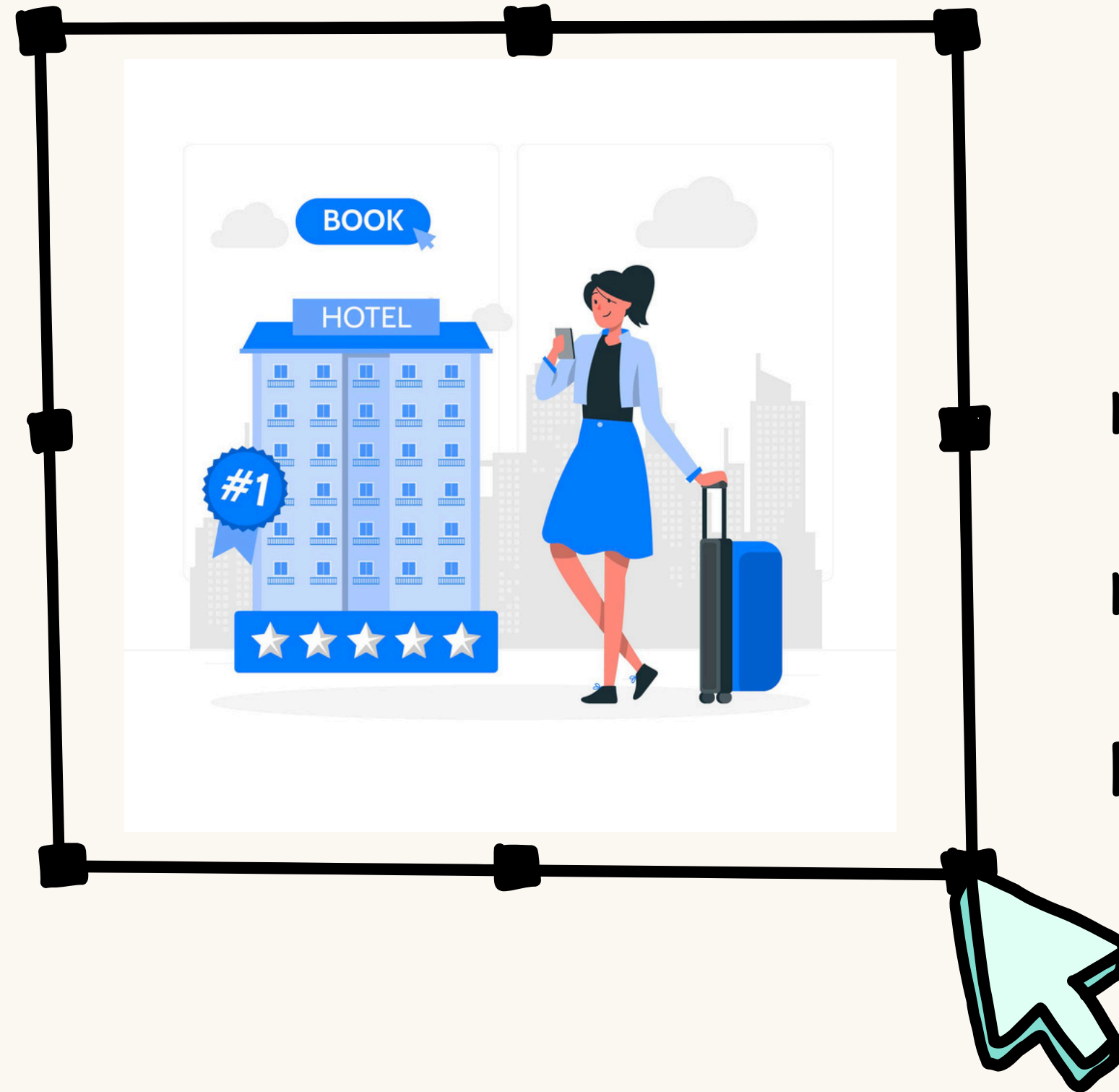
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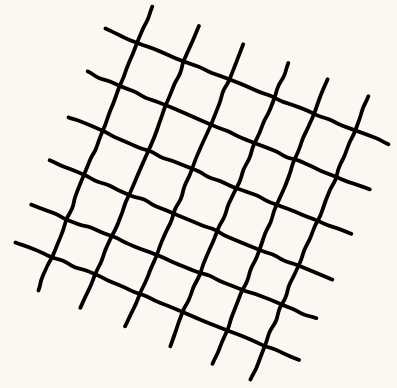




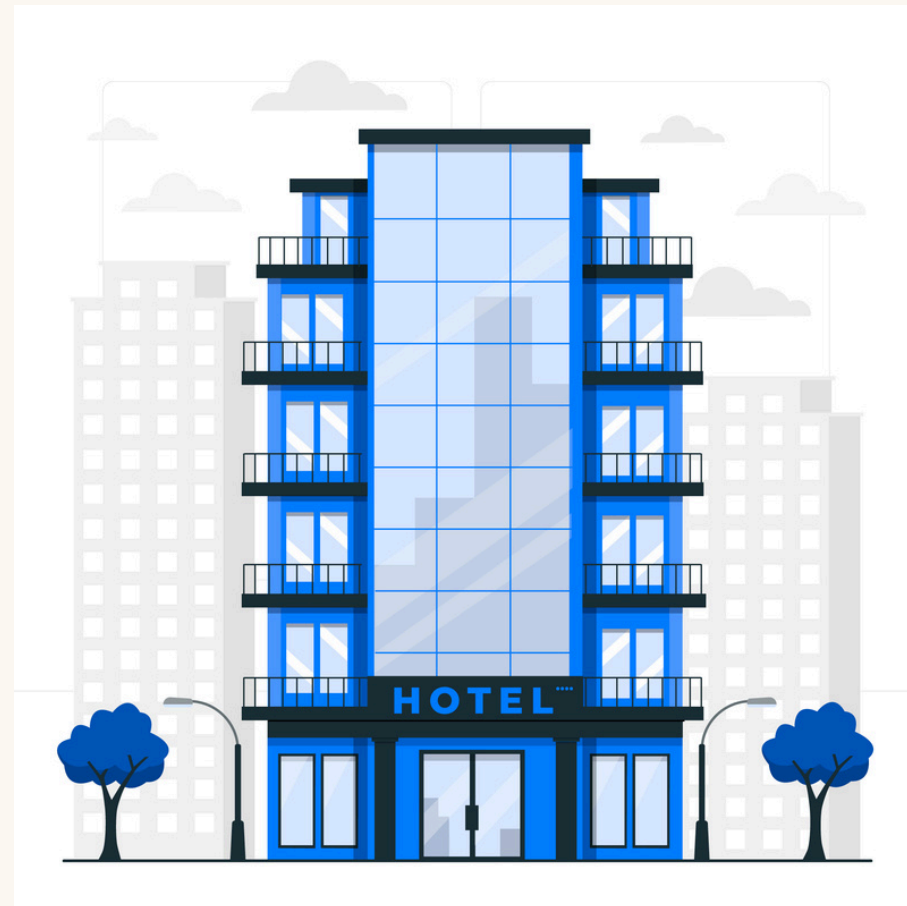
Introduction

- ◆ Hotel Booking System is a simple system for managing and booking hotel rooms.
- ◆ It allows users to view available rooms, make reservations, and cancel bookings easily.
- ◆ Built using Dart with Object-Oriented Programming (OOP) for efficiency and organization.

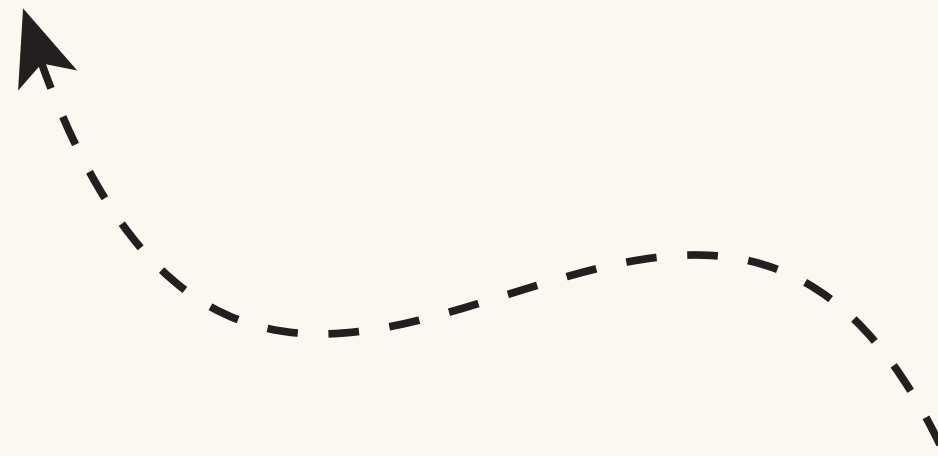


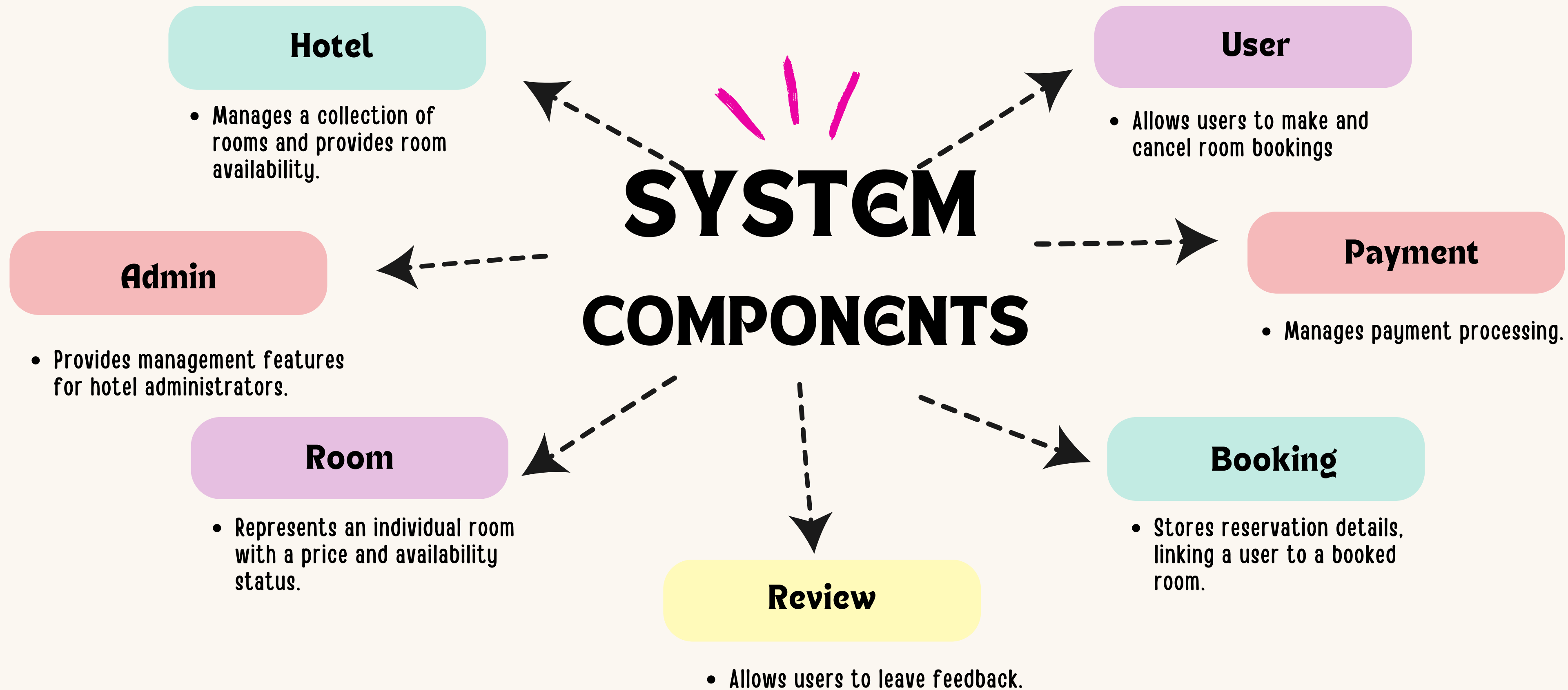


System Overview



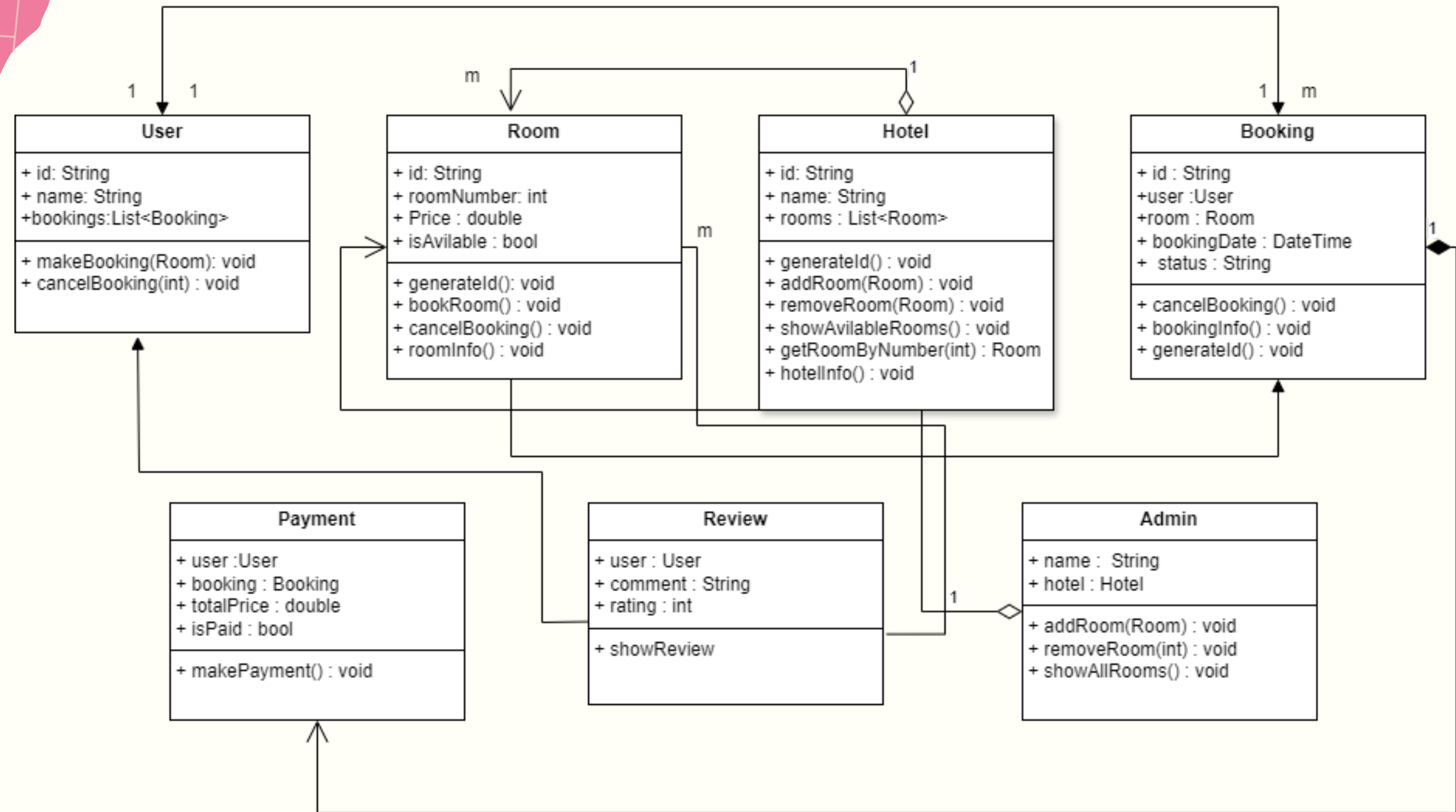
The Hotel Booking System is a structured solution for managing hotel room reservations. It follows an object-oriented approach using Dart to ensure efficient booking management. The system operates through a Command Line Interface (CLI).

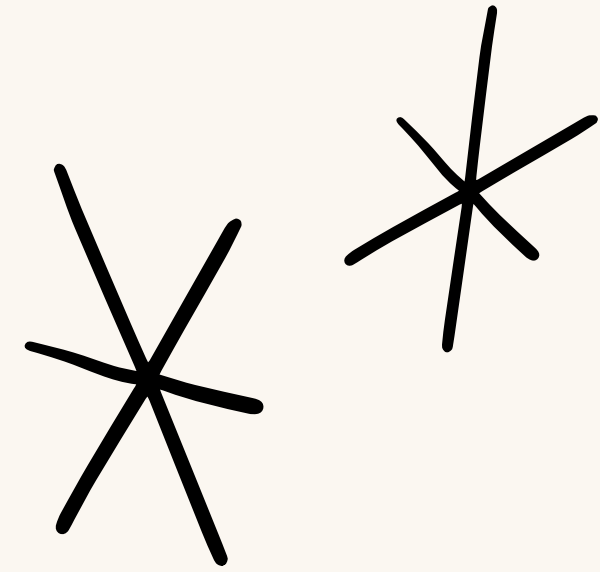




UML

Diagram



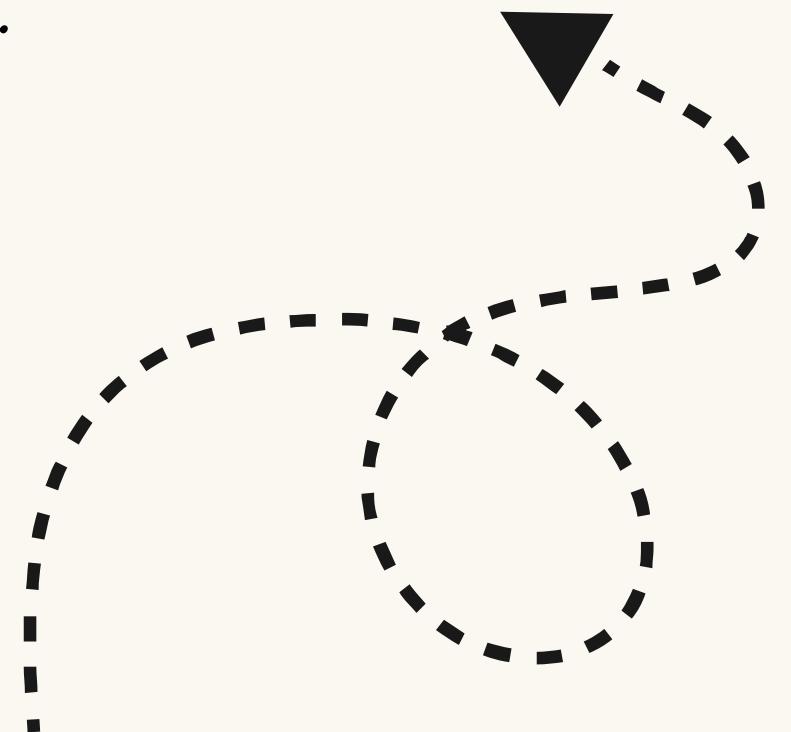


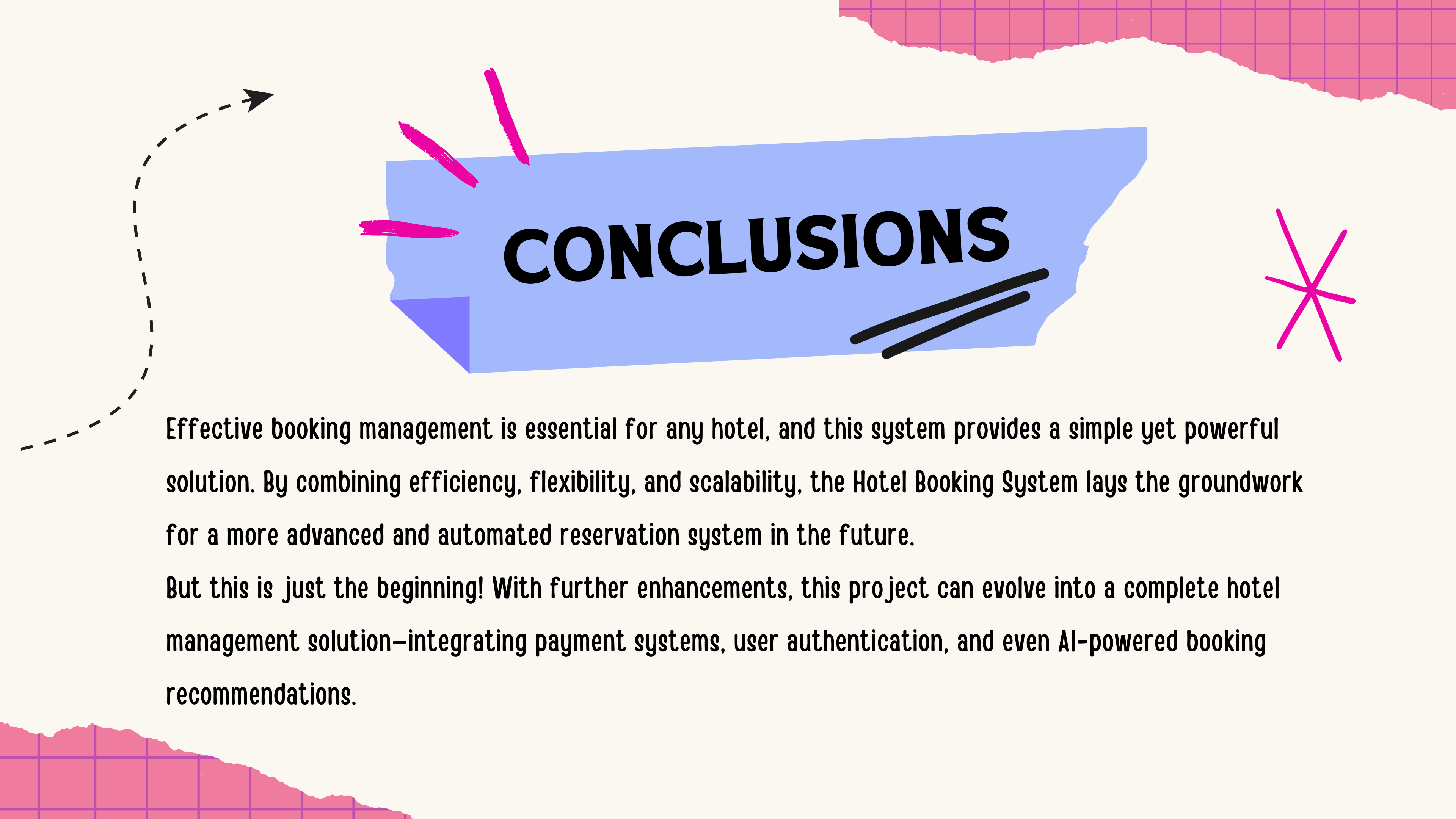
System Features



The Hotel Booking System offers essential features to simplify room reservations and management:

- **View Available Rooms** – Displays a list of rooms that can be booked.
- **Book a Room** – Allows users to reserve a room if it is available.
- **Cancel a Booking** – Enables users to cancel their reservations.
- **Track Room Availability** – Updates room status automatically after booking or cancellation.
- **Admins can manage the hotel.**
- **Payments are processed after booking.**
- **Users can leave reviews and ratings.**





CONCLUSIONS

Effective booking management is essential for any hotel, and this system provides a simple yet powerful solution. By combining efficiency, flexibility, and scalability, the Hotel Booking System lays the groundwork for a more advanced and automated reservation system in the future.

But this is just the beginning! With further enhancements, this project can evolve into a complete hotel management solution—integrating payment systems, user authentication, and even AI-powered booking recommendations.

GitHub &

Contact

1 GitHub Repository

You can check out the full code on GitHub through the following link:



[Hotel Booking System Repository](#)

2 Contact Me

For any questions or feedback, feel free to reach out:



[LinkedIn](#)



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THANK
YOU!

