**Class Diagram: Hotel Management System**

**Elplanation:**

The class diagram represents the core components of the hotel management system, including Customer, Booking, Room, Amenity, and HotelManager classes. Each class is designed with attributes and operations that contribute to the overall functionality of the system. The Customer class manages customer details and bookings, while the Booking class oversees reservations. The Room and Amenity classes represent the hotel’s offerings, and the HotelManager class handles overall management tasks.

**Class Diagram**

A screenshot of a computer

Description automatically generated