

Hotel Booking Website Architecture Model

Noun Phrases Table

Book Hotels is a website where the user is able to search through different hotels and book one for the needed date/time using the database. One can also sign up to the website to speed up the booking process and to receive other perks. Book Hotels sends user information to the hotel of choice in order to book and confirm payment but payment isn't made until the day before the booking so the user can cancel. If the user were to book a room for the following day, then a notification would inform the user that the payment cannot be refunded.

- Booking System – Books a room which has been chosen by the user and then user information is sent to the hotel
- Sign up – user input information in order to sign up. Information that is needed is email, phone number, payment information, etc.
- Cancel Booking – informs the hotel that the user canceled booking and the payment is refunded
- Date/time search – Searches through the database for a certain years, months and days specified by the user

Noun Phrases	Object/Class	Attribute	Actors	Irrelevant
Booking System, Date/Time Search, Cancel Booking, Sign up	Important Concepts			
Database, customer,			Important Actors	
Confirm Booking, Book Hotel		Attributes of Booking System		
Year, Month, Day		Attributes of Date/Time Search		
Confirm Cancelation, Booking Canceled		Attributes of Cancel Booking		
Register		Attributes of Sign up		
Payment, hotel, room,				Irrelevant noun phrases
User refund, user email	Indirect connection to website			

Class Responsibilities

Class 1: Booking system

Class 2: Sign up

Class 3: Cancel Booking

Class 4: Date/Time Search

class	Responsibilities
Booking system	This is the room that the customer will choose and the room information will be sent to the hotel
Sign up	All necessary information needed by law to verify the customer to getting a room in the hotel
Cancel Booking	Notice to the hotel that customer has cancelled room booking and the payment is refunded
Date/Time Search	Search through database to display available dates and time and to book those dates