Agoda: Travel

01

Business Background

What is it about?

02

Business Requirement

How it works?

Our Team

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Company Profile

While Agoda is primarily known as a leading online travel agency (OTA) for hotels, its offerings extend beyond just accommodation. It has evolved into a comprehensive travel booking platform, allowing users to book hotels, book flights and explore activities.

HOTEL

Agoda provides a vast selection of hotels worldwide.

FLIGHT

Travelers can now search and book flights directly on Agoda, offering a one-stop shop for their travel needs.

SERVICE

Agoda allows users to discover and book various activities and experiences at their destination, from tours and attractions to local events and transportation options.

Hotel Requirements for Working with Agoda in the Evolving Landscape

- Package compatibility: Hotels should ensure their offerings can be easily integrated into flight and activity packages on Agoda.
- Dynamic pricing: Consider employing dynamic pricing strategies to adjust hotel rates based on flight and activity bookings, potentially leading to higher revenue.
- Collaboration with other travel providers: Hotels can explore collaborating with local activity and experience providers to offer unique packages through Agoda.

Flight Booking
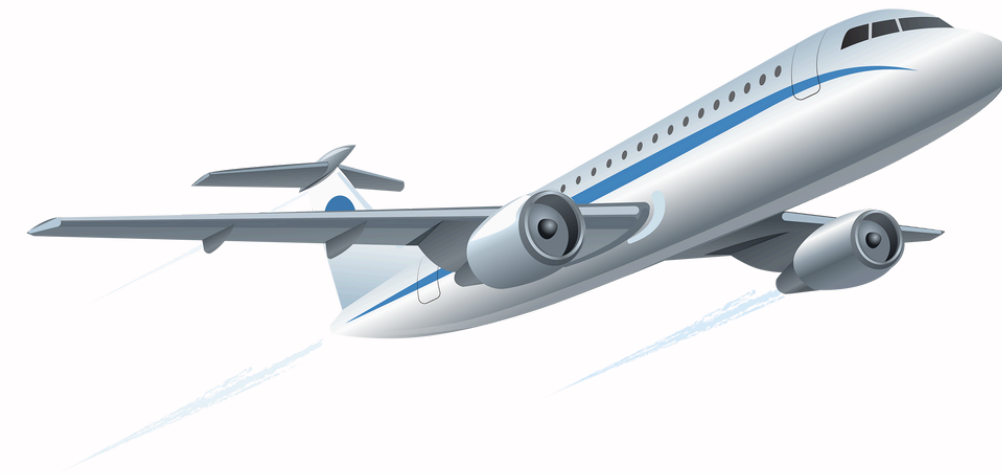
2 options: one-way, round trip

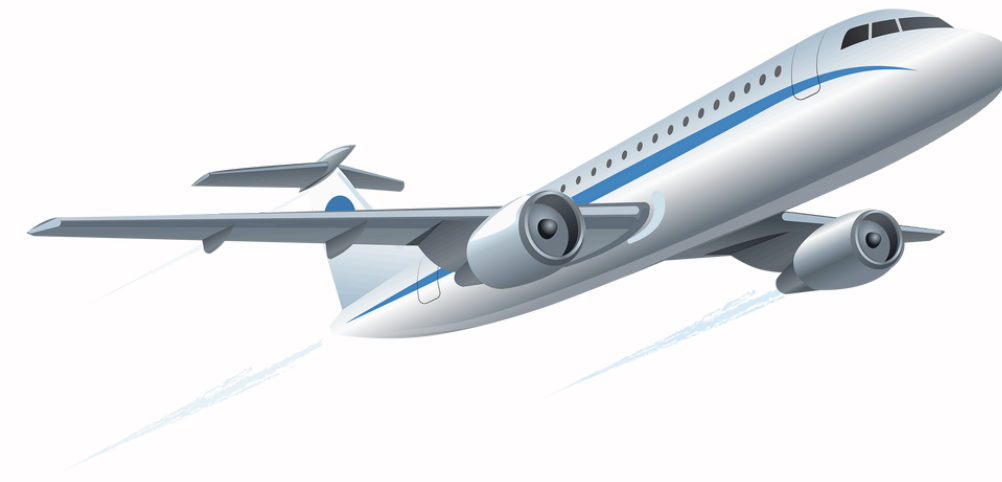Choose Departure date

Inform the number of passengers and cabin class

If not then default to 1 seat in economy class

Select departure and destination location

(For round trip)User must specify return date
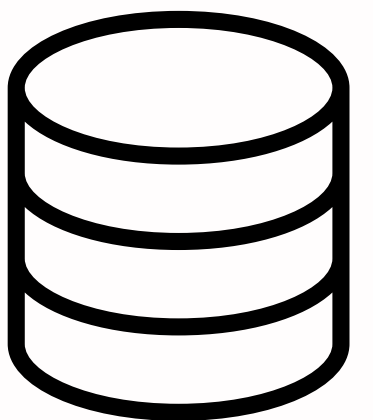
Flight Booking

Require additional passenger detail after chosen the trip
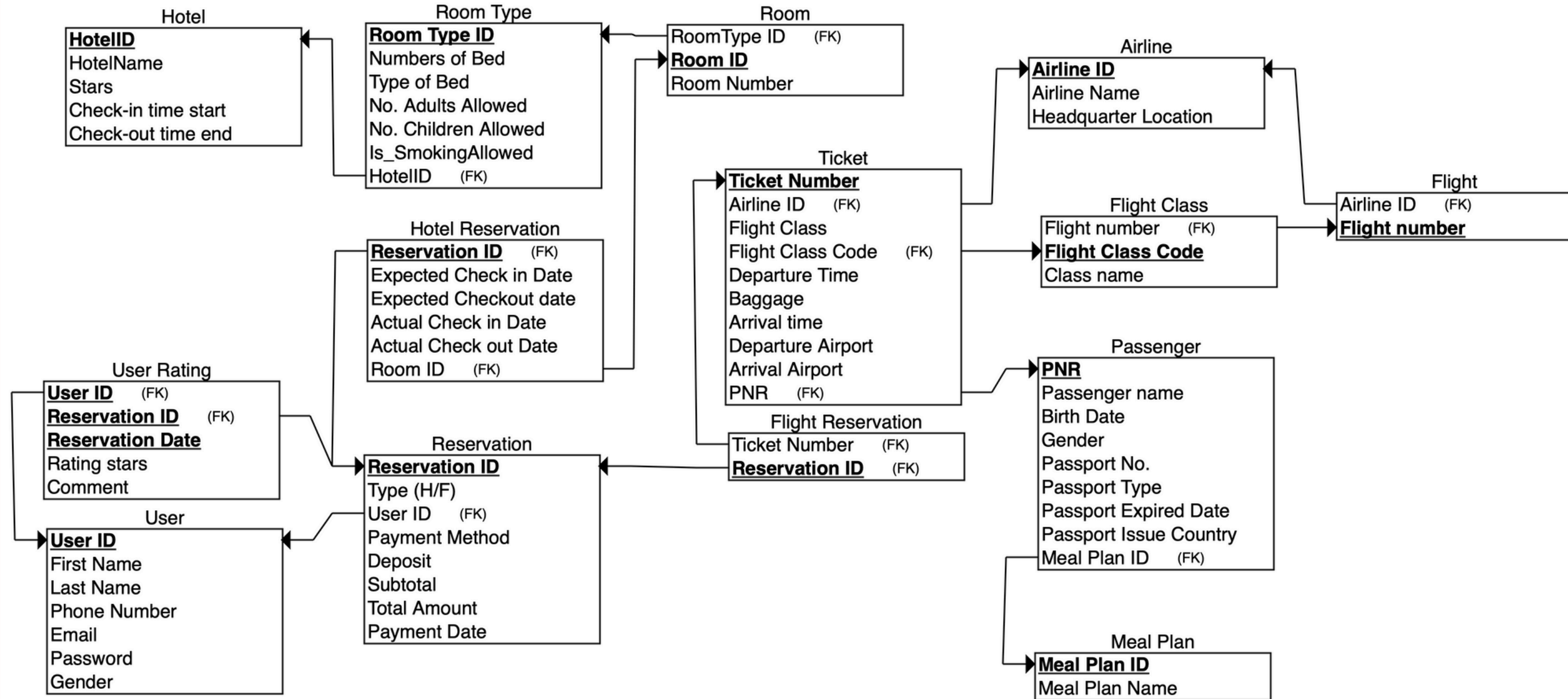
Will be Given ticket information

Round Trip   Received: 2 e-ticket, reference No.
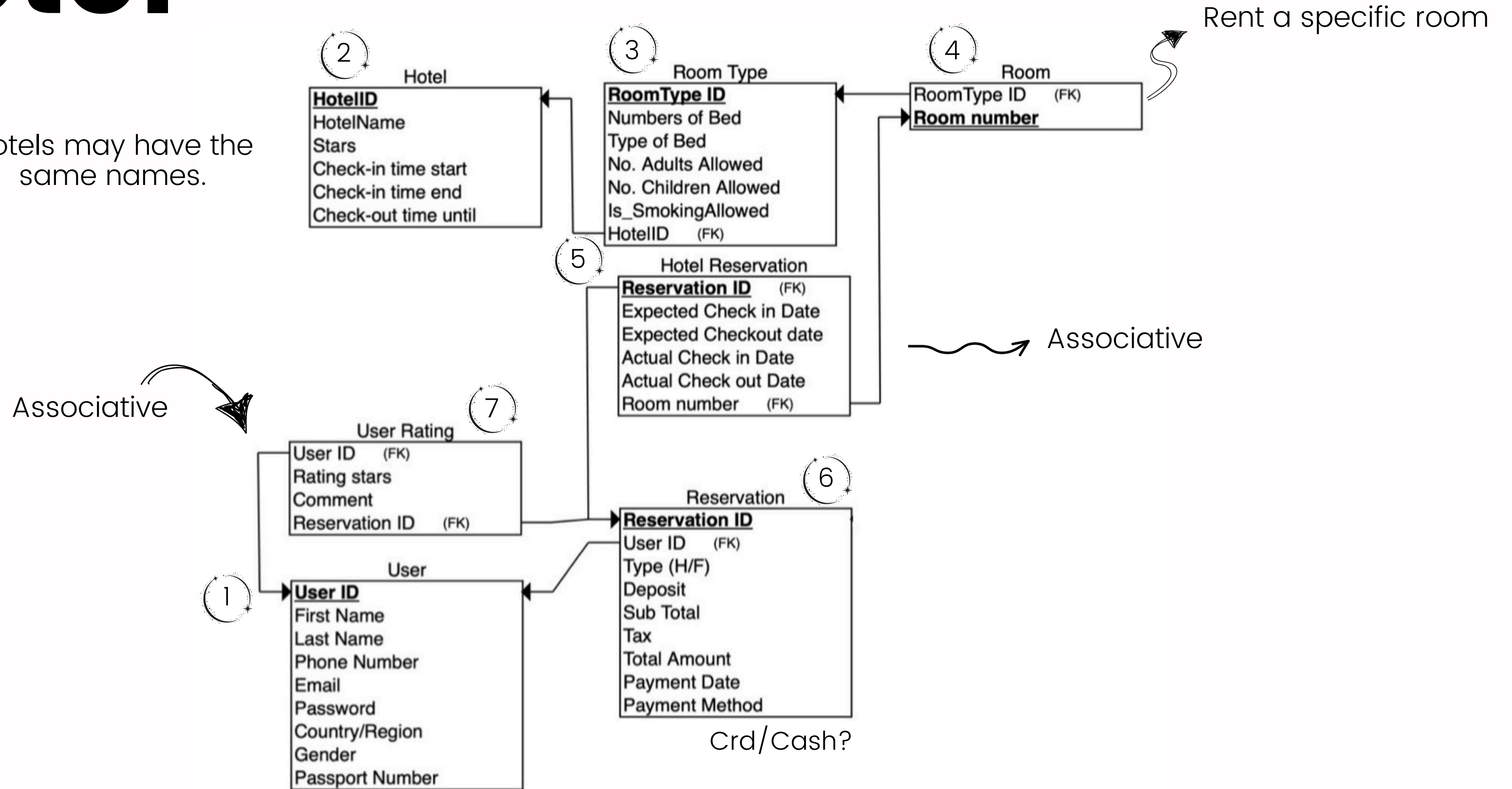
Relational Schema of Agoda

Relational Schema of Agoda (Hotel + Flight)

Hotel
- **HotelID**
- HotelName
- Stars
- Check-in time start
- Check-out time end

Room Type
- **Room Type ID**
- Numbers of Bed
- Type of Bed
- No. Adults Allowed
- No. Children Allowed
- Is_SmokingAllowed
- HotelID   (FK)

Room
- RoomType ID   (FK)
- **Room ID**
- Room Number

Airline
- **Airline ID**
- Airline Name
- Headquarter Location

Ticket
- **Ticket Number**
- Airline ID   (FK)
- Flight Class
- Flight Class Code   (FK)
- Departure Time
- Baggage
- Arrival time
- Departure Airport
- Arrival Airport
- PNR   (FK)

Flight Class
- Flight number   (FK)
- **Flight Class Code**
- Class name

Flight
- Airline ID   (FK)
- **Flight number**

Hotel Reservation
- **Reservation ID**   (FK)
- Expected Check in Date
- Expected Checkout date
- Actual Check in Date
- Actual Check out Date
- Room ID   (FK)

User Rating
- **User ID**   (FK)
- **Reservation ID**   (FK)
- **Reservation Date**
- Rating stars
- Comment

Reservation
- **Reservation ID**
- Type (H/F)
- User ID   (FK)
- Payment Method
- Deposit
- Subtotal
- Total Amount
- Payment Date

Flight Reservation
- Ticket Number   (FK)
- **Reservation ID**   (FK)

Passenger
- **PNR**
- Passenger name
- Birth Date
- Gender
- Passport No.
- Passport Type
- Passport Expired Date
- Passport Issue Country
- Meal Plan ID   (FK)

User
- **User ID**
- First Name
- Last Name
- Phone Number
- Email
- Password
- Gender

Meal Plan
- **Meal Plan ID**
- Meal Plan Name

Hotel

Hotels may have the same names.

Rent a specific room

(2) Hotel

Hotel
HotelID
HotelName
Stars
Check-in time start
Check-in time end
Check-out time until

(3) Room Type

Room Type
RoomType ID
Numbers of Bed
Type of Bed
No. Adults Allowed
No. Children Allowed
Is_SmokingAllowed
HotelID   (FK)

(4) Room

Room
RoomType ID   (FK)
Room number

(5) Hotel Reservation

Hotel Reservation
Reservation ID   (FK)
Expected Check in Date
Expected Checkout date
Actual Check in Date
Actual Check out Date
Room number   (FK)

Associative

(7) User Rating

User Rating
User ID   (FK)
Rating stars
Comment
Reservation ID   (FK)

Associative

(1) User

User
User ID
First Name
Last Name
Phone Number
Email
Password
Country/Region
Gender
Passport Number

(6) Reservation

Reservation
Reservation ID
User ID   (FK)
Type (H/F)
Deposit
Sub Total
Tax
Total Amount
Payment Date
Payment Method

Crd/Cash?

SQL database for Agoda

Table	Action						Rows	Type	Collation	Size	Overhead
Airline	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	7	InnoDB	utf8mb4_general_ci	16.0 KiB	–
Flight	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	10	InnoDB	utf8mb4_general_ci	16.0 KiB	–
Flight Reservation	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	–
Flight Ticket Class	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	–
Hotel	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	–
Hotel Reservation	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	–
Meal Plan	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	20	InnoDB	utf8mb4_general_ci	16.0 KiB	–
Passenger	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	–
Reservation	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	–
Room	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	–
Room Type	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	–
Ticket	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	–
User	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	–
User Rating	☆	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	–
14 tables	**Sum**						**57**	**InnoDB**	**utf8mb4_general_ci**	**224.0 KiB**	**0 B**

↑ ☐ Check all   With selected: ▲▼

User Table

	UID	UFName	ULName	Phone Number	Email	Password	Gender
✏️ Edit 📋 Copy ⊖ Delete	1000000	Bob	Harris	90000000	BobH@gmail.com	BOBh#	M
✏️ Edit 📋 Copy ⊖ Delete	2000000	Phil	Dunphy	65000000	Philll@gmail.com	PhilD#	M
✏️ Edit 📋 Copy ⊖ Delete	3000000	Cameron	Tucker	651111111	Tucker.C@gmail.com	TuckerC*	M

User Rating

UID	R Date	Comment	RID
1000000	2024-03-03	It is an excellent place to stay in.	10000000

Room Type

	RTID	Bed	BedType	Adult	Children	Smoking
☐ ✏️ Edit 📋 Copy ⊖ Delete	10	1	King	1	0	No

Hotel

	HID	HName	Star	NoFloor	NoRoom	CIStart	CIEnd
☐ ✏️ Edit 📋 Copy ⊖ Delete	12345671	Home Palace Hotel	2.50	4	30	14:00:00	12:00:00
☐ ✏️ Edit 📋 Copy ⊖ Delete	12345672	Pingviman Hotel	4.00	3	44	14:00:00	12:00:00
☐ ✏️ Edit 📋 Copy ⊖ Delete	12345673	South Premier Hotel	3.00	8	84	14:00:00	11:30:00
☐ ✏️ Edit 📋 Copy ⊖ Delete	12345678	Loyy Hotel	3.10	9	59	12:00:00	14:00:00
☐ ✏️ Edit 📋 Copy ⊖ Delete	12345679	Night Bazaar Hotel	3.00	5	48	14:00:00	12:00:00

Room

	RoomID	RoonNo	HID	RTID
☐ ✏️ Edit 📋 Copy ⊖ Delete	45000	D401	2000000	10

Hotel Reservation

RID	UID	ECheckIn	ECheckOut	ACheckIn	ACheckOut	RoomID
12345679	2000000	2024-04-05	2024-03-07	2024-03-05	2024-03-08	45000

Reservation

	RID	UID	Type(H/F)	Deposit	SubTotal	Tax	TotalAmount	PDate	Pmethod
☐ ✏️ Edit 📋 Copy ⊖ Delete	12345678	1000000	F	0	945	15	803	2024-03-30	CRD

Flight

RELATIONAL **SCHEMA**

Airline
Airline ID
Airline Name
Headquarter Location

Ticket
Ticket Number	
Airline ID	(FK)
Flight Class	
Flight Class Code	(FK)
Departure Time	
Baggage	
Arrival time	
Departure Airport	
Arrival Airport	
PNR	(FK)

Flight Class
Flight number	(FK)
Flight Class Code	
Class name	

Flight
Airline ID	(FK)
Flight number	

Passenger
PNR	
Passenger name	
Birth Date	
Gender	
Passport No.	
Passport Type	
Passport Expired Date	
Passport Issue Country	
Meal Plan ID	(FK)

Flight Reservation
Ticket Number	(FK)
Reservation ID	(FK)

Reservation
Reservation ID	
Type (H/F)	
User ID	(FK)
Payment Method	
Deposit	
Subtotal	
Total Amount	
Payment Date	

Meal Plan
Meal Plan ID
Meal Plan Name

Flight

Passenger

PNR	PFirstName	PLastName	BirthDate	Gender	PassportNo	PassportType	PassportEDate	PassportICountry
01FH53	Lisa	Cuddy	1966-05-21	F	E00007730	Ordinary	2026-10-14	TH
168TU1	Bob	Harris	1946-05-23	M	E00009349	Official	2025-07-09	USA

Flight Ticket

RID	UID	Type(H/F)	Deposit	SubTotal	Tax	TotalAmount	PDate	Pmethod
12345678	1000000	F	0	945	15	803	2024-03-30	CC

Meal

MealCode	MealName
ARML	Allergen
BLML	Bland
DBML	Diabetic
FPML	Fruit Planter
GFML	Gluten-Free
HFML	High Fiber
HNML	Hindu Non-Vegetarian
KSML	Kosher
LCML	Low Calories
LFML	Low Fat

Flight

FlighNo	AirlID
8M 332	MMA
8M 336	MMA
8M 351	MMA
8M 363	MMA
FD 3437	AIQ
FD 4100	AIQ
PG 215	BKP
TG 301	TG
TG 303	TG
UA 79	UAL

Airline

AirlineCode	AirlineName	Location
AA	American Airlines	United States
AIQ	Thai AirAsia	Thailand
BKP	Bangkok Airways	Thailand
MMA	Myanmar Airways International	Myanmar
NOK	Nok Air	Thailand
TG	Thai Airways International	Thailand
UAL	United Airline	

Flight Reservation

RID	TicketNo
12345678	5992402677106

Flight Class

ClassCode	ClassName
F	First
J	Business
W	Premium Economy
Y	Economy

THANK YOU!

References

https://docs.paymentwall.com/reference/payment-system-shortcodes

https://connect.booking.com/user_guide/site/en-US/codes-bcrt/

List of airline codes

This is a list of all airline codes. The table lists the IATA airline designators, the ICAO airline designators and the airline call signs (telephony designator)....

W Wikipedia

Airline Special Meals & Their Codes: Everything You Need To Know

Our guide to the various special airline meals that accommodate dietary restrictions and religious traditions.

Simple Flying / Jun. 30, 2023