Airline Reservation System

Passenger

PK, FK	reservation_id	number(11)
PK	seat_no	number(11)
	first_name	varchar2(64)
	last_name	varchar2(64)
	gender	bit(1)
	date_of_birth	date
	passenger_type	varchar2(1)

Airport

PK	id	number(11)
	name	varchar2(64)
	city	varchar2(64)
	state	varchar2(64)

User

PK	id	number(11)
	first_name	varchar2(64)
	last_name	varchar2(64)
	email	varchar2(64)
	password	varchar2(128)
	gender	bit(1)
	date_of_birth	date
	contact_no	varchar2(10)
	is_admin	bit(1)
	created_at	datetime
	updated_at	datetime

Reservation

PK	id	number(11)
FK	user_id	number(11)
FK	flight_id	number(11)
	cabin_class	datetime
	total_fare	datetime
	created_at	datetime
	is_cancelled	bit(1)

Flight

PK	id	number(11)
FK	source	number(11)
FK	destination	number(11)
	departure_date	datetime
	arrival_date	datetime
	capacity	number(2)
	cabin_class	number(1)
	fare	number(11)
	created_at	datetime
	updated_at	datetime
	is_deleted	bit(1)

ERD Cardinality

—+	One
—<	Many
—++	One (and only one)
—O+	Zero or one
—<|	One or many
—O<	Zero or many