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)

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

Airport

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

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

Symbol	Meaning
─── One	One
─── Many	Many
─── One (and only one)	One (and only one)
─── Zero or one	Zero or one
─── One or many	One or many
─── Zero or many	Zero or many