Account = (email, fname, lname, password

Admin = (email[fk1]
fk1: email -> Account.email

Client = (email[fk2], Phone number
fk2: email -> Account.email

Owner = (email[fk3]
fk3: email -> Client.email

Customer = (email [fk4], credit card #, Exp. date, CVV, Current Location
fk4: email -> Client.email

Airline = (name, rating

Airport = (Airport ID, name, time zone, street, city, state, zip

attractions = (Airport ID[fk5], attractions name
fk5: Airport ID -> Airport.Airport ID

flight = (name[fk6], flight #, Departure time, Arrival time, Date, cost per seat, capacity,
to_Airport ID[fk7], from_Airport ID[fk8]
fk6: name -> Airline.name
fk7: to_Airport ID -> Airport.Airport ID, to_Airport ID is non null
fk8: from_Airport ID -> Airport.Airport ID, from_Airport ID is non null

Property = (email[fk9], name, description, street, city, state, zip, cost per night per person,
capacity
fk9: email -> Owner.email, email is non null

Amenities = (email, name[fk10], amenities name
fk10: email, name -> Property.email, Property.name

Rates = (Owner_email[fk11], Customer_email[fk12], score
fk11: Owner_email -> Owner.email
fk12: Customer_email-> Customer.email

is_rated_by = (email[fk13], Customer_email[fk14], score
fk13: Owner_email -> Owner.email
fk14: Customer_email-> Customer.email

review = (property_email, property_name[fk15], Customer_email[fk16], Score, content
fk15: property_email, preperty_name -> Property.email, Property.name

fk16: Customer_email-> Customer.email

reserve = (<u>property_email</u>, <u>property_name</u>[fk17], <u>Customer_email</u>[fk18], start date, end date, # guests
fk17: property_email,preperty_name -> Property.email, Property.name
fk18: Customer_email-> Customer.email

is_close_to = (<u>email</u>, <u>name</u>[fk19], <u>Airport ID</u>[fk20], distance
fk19: email, name -> Property.email, Property.name
fk20: Airport ID -> Airport.Airport ID

book = (<u>email</u>[fk21], <u>name</u>, <u>flight #</u>[fk22], # seats
fk21: email-> Customer.email
fk22: name, flight # -> flight.name, flight.flight #