ERD & Relational Model Milestone 3

Address
Client Id
Clients
(Name)
Last Name
First Name
Destination
(Contact details)
Phone
Email
Price

Make
Description
Trio Id
Date
Trips

Client Id
Booking Id
Status
Bookings
Trip Id
Date
Can be booked

Have

Provide
Make
Manage
Recieve
Offer

Client Id
Notification Id
Notifications
Message
Sent date

Recieve
Admins
Password
User name
Admin Id

Feedback Text
Feedback Id
Feedbacks
Client Id
Feedback Date
Admin Id

GIve
Name

Type
Services
AvailabilityStatus
Services Id
Provider
Cost

Client Id
Rating
Reviews
Trip Id
Review Id
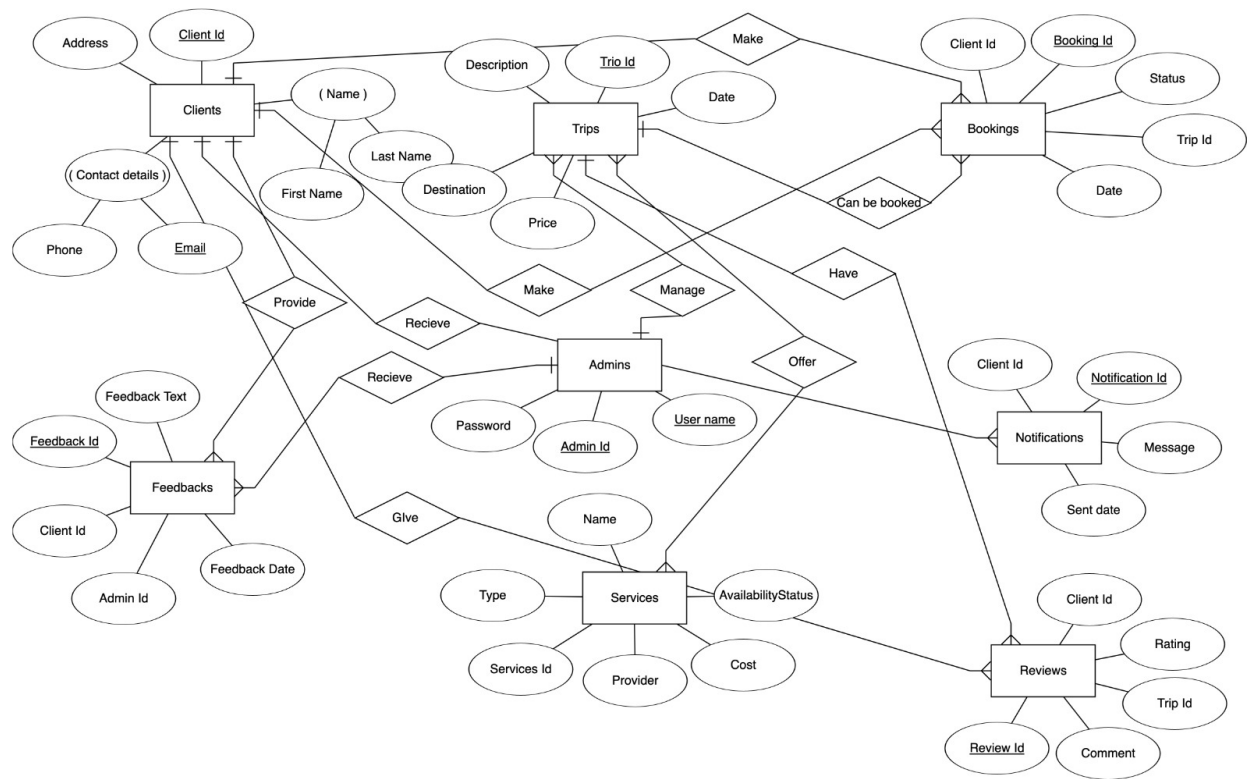Comment

Note : There is no empty relationship between the admins and notifications as it appeared in our discussion today, it was a visual mistake as the line of the relationship that is coming out of notifications is passing behind the admins entity and it is a relationship between the notifications and clients where the relationship is (receive). It is still wrong as it I just wanted to explain this issue and here is an updated version of the ERD.

Entity-Relationship Diagram

Clients
- Address
- Client Id (underlined)
- (Name)
  - First Name
  - Last Name
- (Contact details)
  - Phone
  - Email (underlined)

Trips
- Description
- Trio Id (underlined)
- Date
- Destination
- Price

Bookings
- Client Id
- Booking Id (underlined)
- Status
- Trip Id
- Date

Admins
- Password
- Admin Id (underlined)
- User name (underlined)

Feedbacks
- Feedback Text
- Feedback Id (underlined)
- Client Id
- Admin Id
- Feedback Date

Services
- Type
- Services Id
- Provider
- Cost
- AvailabilityStatus
- Name

Notifications
- Client Id
- Notification Id (underlined)
- Message
- Sent date

Reviews
- Client Id
- Rating
- Trip Id
- Review Id (underlined)
- Comment

Relationships
- Make (Clients — Trips / Bookings)
- Can be booked
- Have
- Offer
- Manage
- Provide
- Recieve
- Give

Clients

ClientId 🔑	INT
FirstName	VARCHAR
LastName	VARCHAR
Address	VARCHAR
Phone	VARCHAR
Email	VARCHAR

Trips

TripId 🔑	INT
Description	TEXT
Destination	VARCHAR
Price	DECIMAL
Date	DATE
AdminId	INT

Bookings

BookingId 🔑	INT
ClientId	INT
TripId	INT
Status	VARCHAR
Date	DATE

Admins

AdminId 🔑	INT
Name	VARCHAR
Username	VARCHAR
Password	VARCHAR

Feedbacks

FeedbackId 🔑	INT
FeedbackText	TEXT
FeedbackDate	DATE
ClientId	INT
AdminId	INT

Notifications

NotificationId 🔑	INT
Message	TEXT
SentDate	DATE
ClientId	INT

Services

ServiceId 🔑	INT
Name	VARCHAR
Type	VARCHAR
Provider	VARCHAR
Cost	DECIMAL
AvailabilityStatus	VARCHAR
AdminId	INT

Reviews

ReviewId 🔑	INT
Rating	INT
Comment	TEXT
ClientId	INT
TripId	INT