

## A Possible Answer: Tables

- **Ride:** Ride ID, Driver ID, Origin, Destination, Departure Time, Arrival Time, Available Seats
- **Passenger:** Passenger ID, Name, Address, Phone Number
- **Driver:** Driver ID, Name, Address, Phone Number
- **Booking:** Ride ID, Passenger ID

## One Possible Answer: Queries

- Passenger calls: Can I get a ride?
  - Join: Ride, Driver
  - Project: Departure Time, Name, Phone Number
  - Restrict: Origin, Destination, Available Seats>0
- Driver calls: Who are my passengers?
  - Join: Ride, Passenger, Booking
  - Project: Name, Phone Number
  - Restrict: (Driver) Name, Origin, Destination, Departure Time