

Phase C - Relational Model

Drivers (driver-id, name, first, last, payment-info, card-no, exp-date)

driver-id → Driver-contact (driver-id, address, zip, city, street-no,
Foreign Street-name, state)

key → Driver-licence (driver-id, licence-no, state, issue-date, exp-date)

Driver-email (driver-id, email) - driver-id = Foreign key

Driver-phone (driver-id, phone-no) - driver-id = Foreign key

Drives (tag-info, driver-id) - both are foreign keys.

Vehicles (available, make, model, year, capacity, seating, luggage,
Driver, tag-info, no, state)

tag-info → Vehicle-last-loc (timestamp, tag-info, address, zip, city, state,
FK Street-name, street-no, lat, long)

Make (tag-info, trajectory) - both are foreign keys.

Vehicle, → trips (tot-dist, cost, vehicle, driver, customer, trajectory)

driver, trip-stops (timestamp, trajectory, is-last, dist-change ↑
customer zip, city, state, street-no, street-name, lng, lat) - FK

all FK's Payments (timestamp, trajectory, amount, card-no)

↕ trajectory = foreign key

take (cust-id, trajectory) - both are foreign keys

Customers (name, first, last, payment-info, card-no, exp-date,
cust-id)

→ Cust-contact (cust-id, addr, city, zip, state, street-name, street-no)

Cust-id → Cust-phone (cust-id, phone-no) - cust-id = foreign key

FK → Cust-email (cust-id, email) - cust-id = foreign key