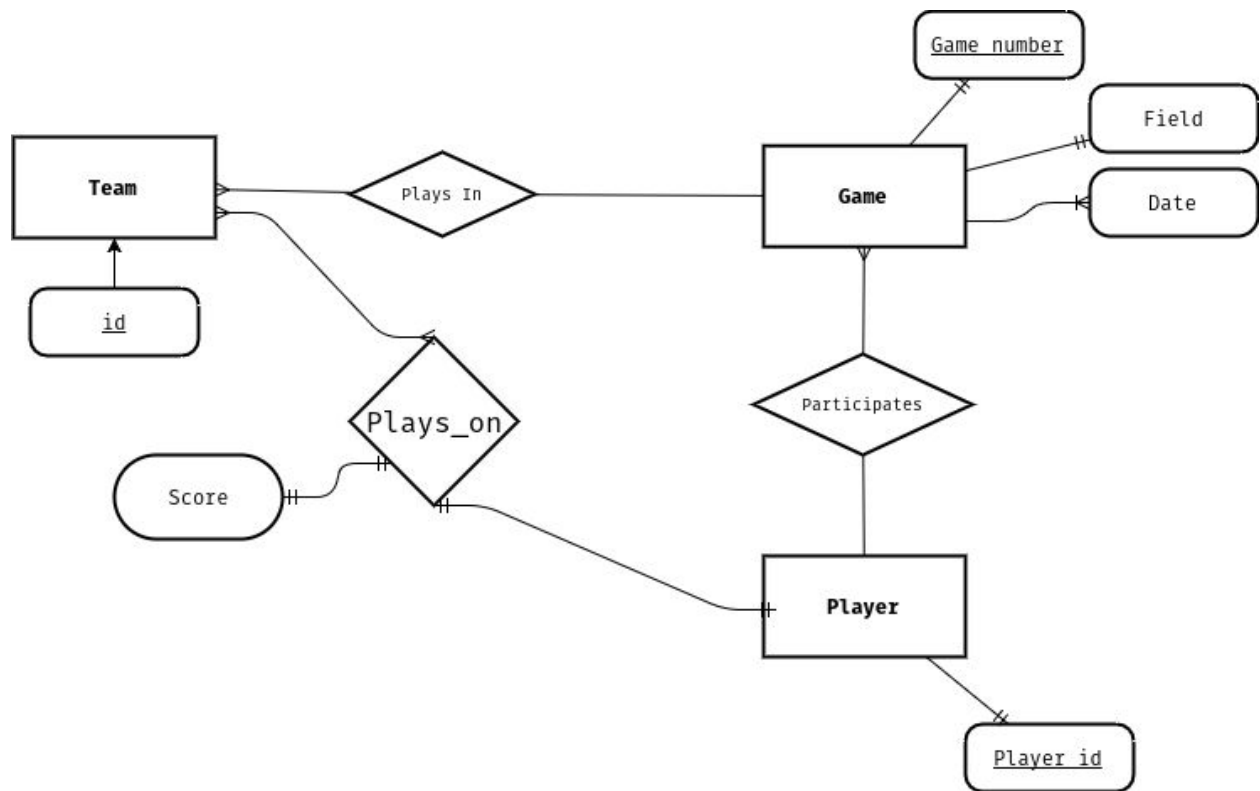
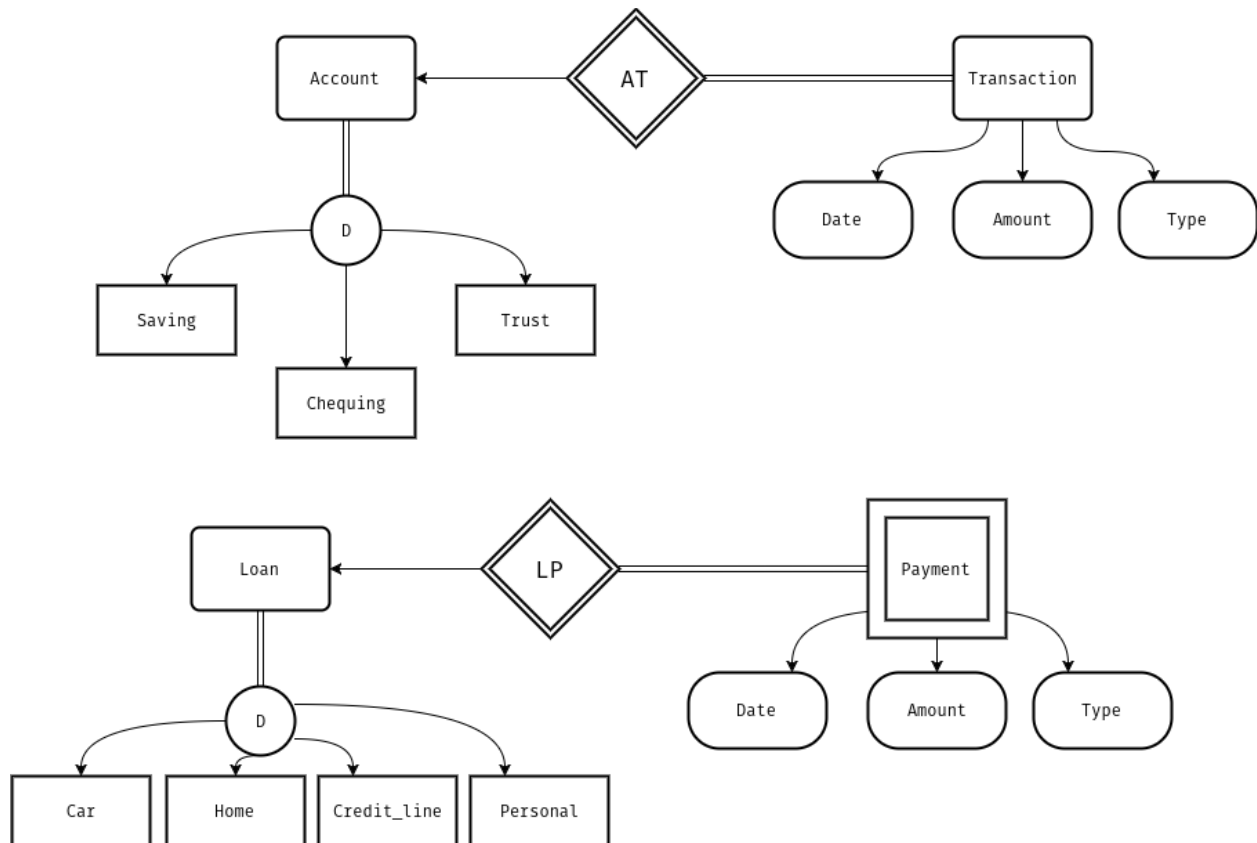


Brennan McDonald - 8195614

1)



2)



3)

a.

INSERT into SEAT_RESERVATION
VALUES (FlightNum,LegNum,Date,SeatNum,CustName,CustPhone)

b.

NUMBER_OF_AVAILABLE_SEATS on each LEG_INSTANCE of the flight is greater than 1 before doing any reservation.

The SEAT_NUMBER being reserved with SEAT_RESERVATION is available

c.

The INSERT operation into SEAT_RESERVATION will check the key, entity integrity and referential integrity constraints.

Check that NUMBER_OF_AVAILABLE_SEATS on each LEG_INSTANCE of the flight is greater than 1 does not fall into

the other types of constraints.

d.

LEG_INSTANCE.(FLIGHT_NUMBER,LEG_NUMBER) --> FLIGHT_LEG

FLIGHT_LEG.DEPARTURE_AIRPORT_CODE --> AIRPORT

FLIGHT_LEG.ARRIVAL_AIRPORT_CODE --> AIRPORT

FLIGHT_LEG.FLIGHT_NUMBER --> FLIGHT