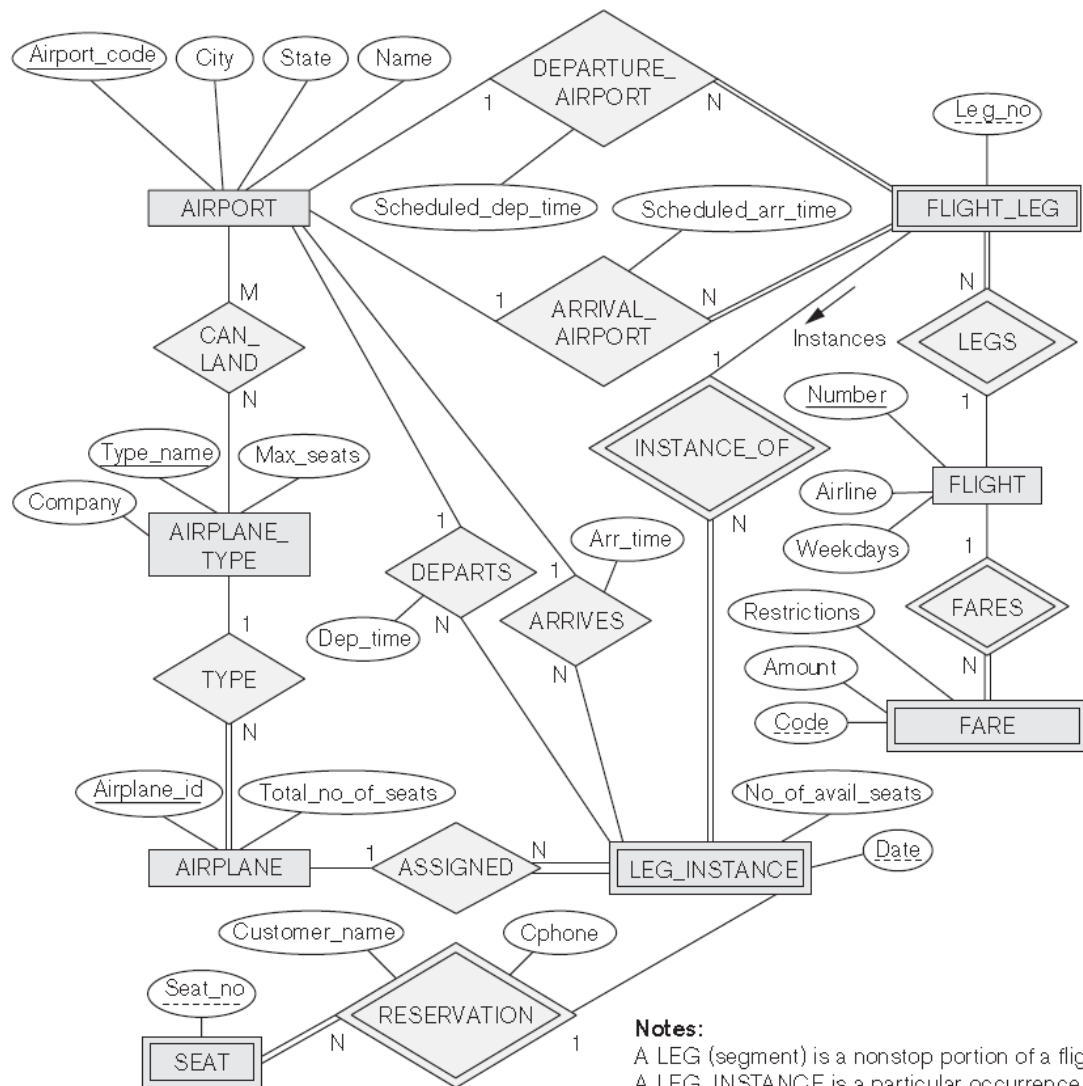# Database Management Systems
Lab Assignment 3 (SQL)

Assignments:

1. Convert the ER Model into Relational Database and create using SQL and writing and executing queries for the questions.

An ER diagram for an AIRLINE database schema.

Notes:
A LEG (segment) is a nonstop portion of a flight
A LEG_INSTANCE is a particular occurrence
of a LEG on a particular date.

a) Convert the ER Model into Relational Database and create using SQL
b) Answer the following queries
   i. Find the customer name, who reserved maximum number of seats.
   ii. Find the flight no of all flights that can be used on non-stop flights from B to M.
   iii. Find the flight No which charges the lowest fare from city A to city B.
   iv. Find all flights running on every day from city A to city B.
   v. Find all flights departure from City X.
   vi. Find all the flights which are having greater than 200 seats.
   vii. Find how many passengers are travelled from city X on 01-01-2022
   viii. Find the flight names which are departs between 5pm to 8 pm at city X
   ix. Find the company name designed the flight AIRBUS123.

Assignment submission link Click here

Or copy the below link, pest it on browser. (You have to login by your vitap emailed to open this link)

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