

Information and Computer Science Department
Spring Semester 072
ICS 324 - Database Systems
Mapping ER-EER Model to Relational Model

Objectives

The objective of this lab is to map an Entity Relationship (ER)/Enhanced Entity Relationship (ER) diagram to a relational schema.

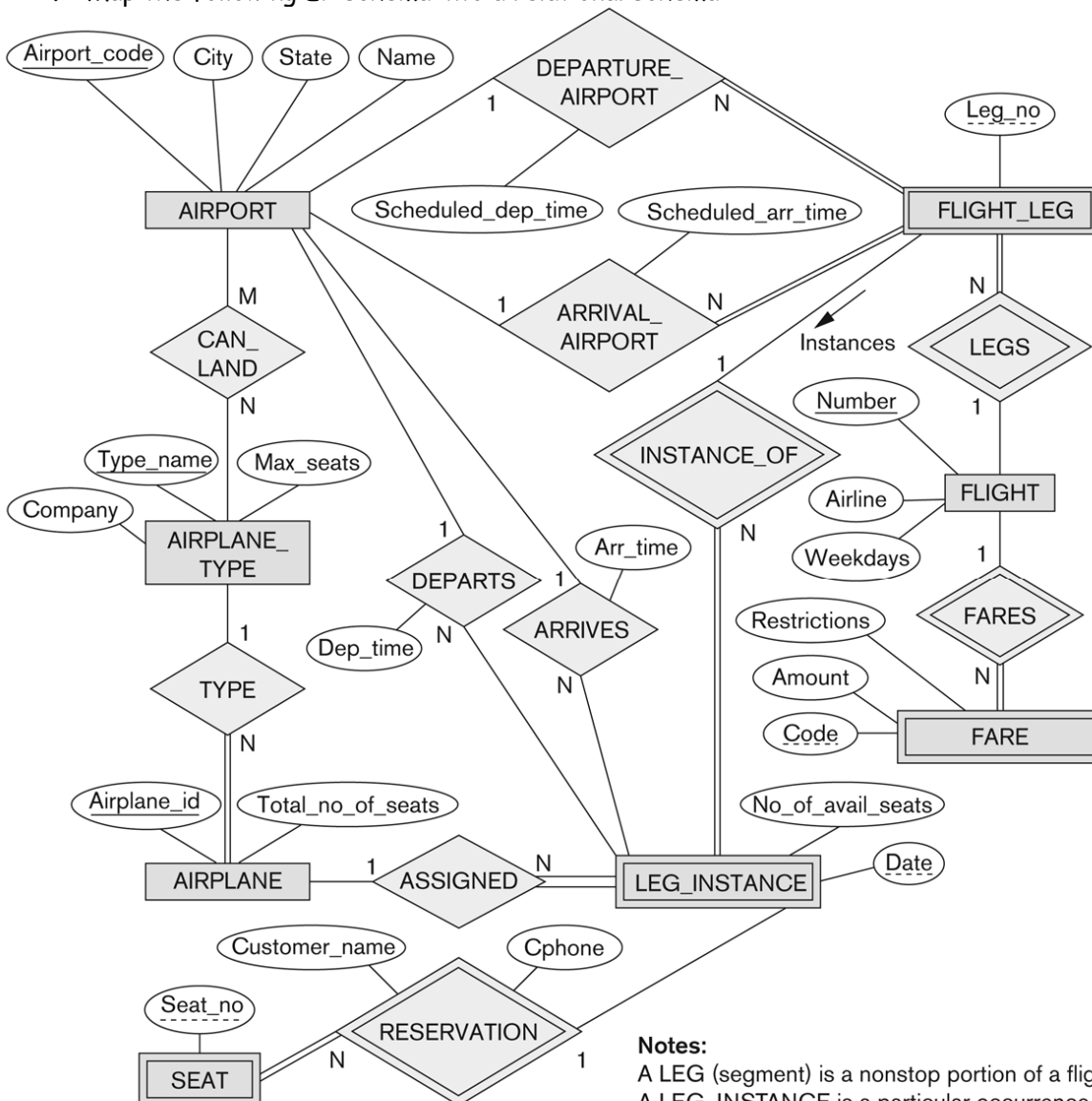
Outcomes

After completing this Lab, students are expected to:

- Be able to map an ER diagram to relational schema.
- Be able to map an EER diagram to relational schema.

Lab Exercises

1. Map the following ER schema into a relational 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.

2. Map the following EER schema into a relational schema:

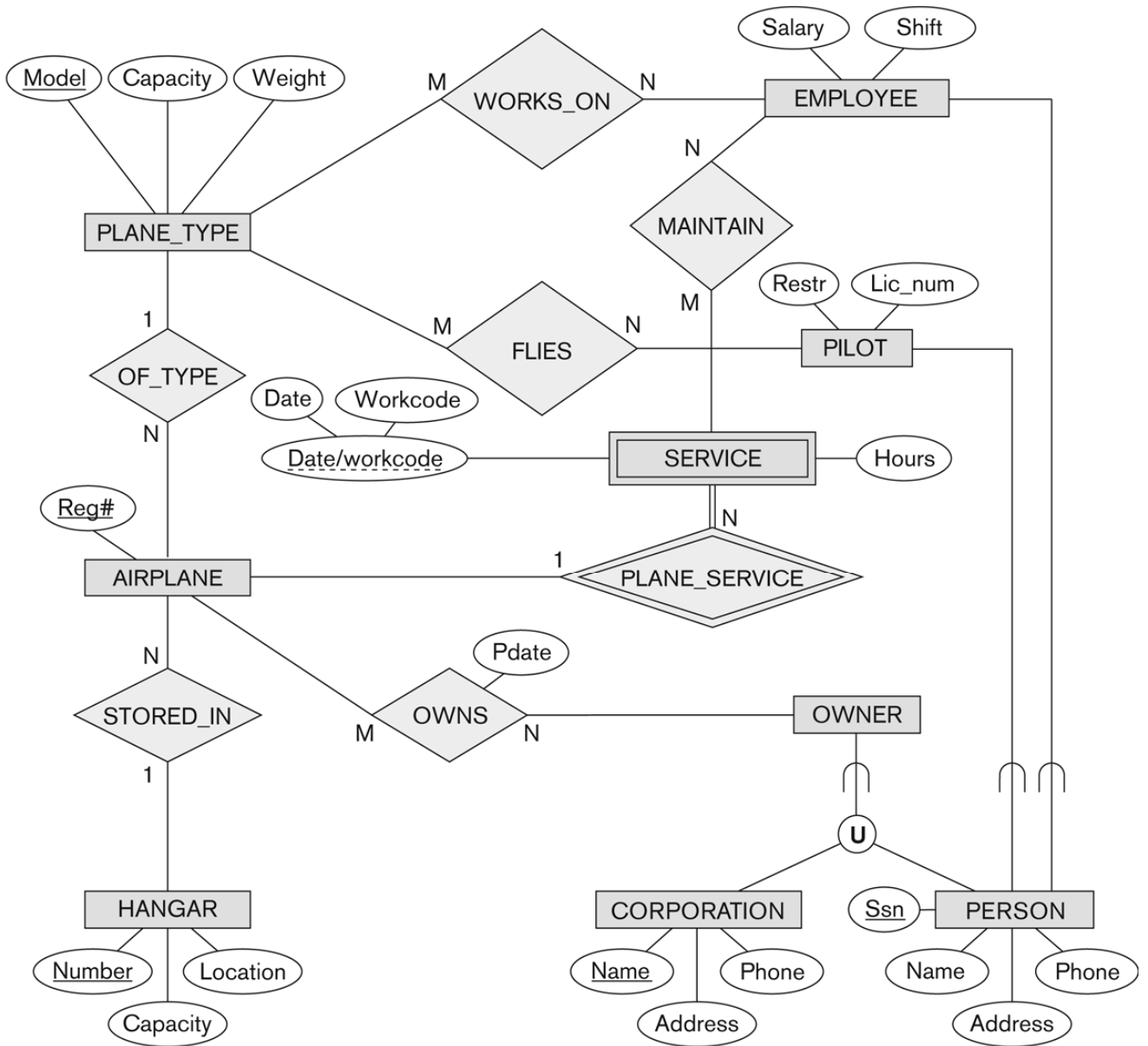


Figure 4.12
EER schema for a SMALL_AIRPORT database.