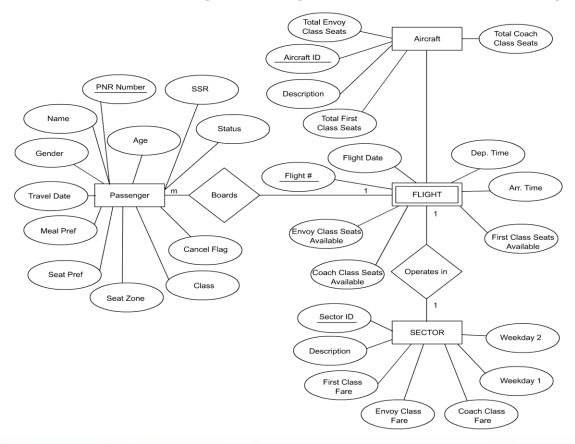## Objectives

◆ In this session, you will learn to:

◆ Map an ER diagram to a table

Demo: Mapping the ER Diagram to Tables

◆ Problem Statement:

   ◆ Map the following ER diagram to its corresponding tables.

Practice Exercises

- Exercise 1:
    - Design an ER diagram for the following situation:

        An organization has two types of employees, salaried and wage earning. Both the types of employees have some common properties that are the employee code, employee name, and employee address. However, the salaried employees have other additional properties that are basic, allowance, and house rent allowance (HRA). The wage-earning employees have distinct properties that are daily wage and overtime.

Practice Exercises (Contd.)

- ◆ Exercise 2:
  - ◆ Shopping Spree is a leading departmental store in Shanghai. The store has a number of regular customers who purchase bulk items. The store also conducts regular feedback sessions to analyze customer satisfaction levels. Chen, the customer analyst of Shopping Spree has to make the E/R diagram to represent the preceding situation and then map the E/R diagram to corresponding tables. Help Chen to do the same.

Summary

- In this session, you learned that:
    - The entities in an ER diagram can be mapped to tables.