Mail Order System (Ex. 3.32)

- The company has employees, each identified by a unique employee number, first and last name, job title, hourly pay, address, and email
- Each customer is identified by a unique customer number, first and last name, address and email
- Each part sold is identified by a unique part number, a part name, price, and quantity in stock
- Each order, placed by a customer, is taken by an employee, and is given a unique order number. Each order contains specified quantities of one or more parts. Each order has a date of receipt as well as an expected ship date. Actual ship date is also recorded

Movie database (Ex. 3.33)

- Each movie is identified by title and year of release. Each movie has/is:
    - a length in minutes
    - a production company
    - classified under one or more genres (such as horror, action, drama)
    - one or more directors
    - one or more actors appear in it
    - a plot outline
    - zero or more quotable quotes, each of which is spoken by a particular actor appearing in it
- Actors are identified by name and date of birth (dob) and appear in one or more movies. Each actor has a role in the movie
- Directors are also identified by name and dob and direct one or more movies. It is possible for a director to act in a movie (including one that he or she may direct)
- Production companies are identified by name and each has an address. Each company produces one or more movies

Conference Review (Ex. 3.34)

- Researchers submit their research papers for consideration. Reviews by reviewers are recorded for use in the paper selection process. The database system caters primarily to reviewers who record answers to evaluation questions for each paper they review and make recommendations regarding whether to accept or reject the paper.
- Authors of papers are uniquely identified by email id. First and last names are also recorded
- Each paper is assigned a unique identifier by the system and is described by a title, abstract, and the name of the file containing it
- A paper may have multiple authors, but one of the authors is designated as the contact author
- Reviewers of papers are uniquely identified by email address. Each reviewer's first name, last name, phone number, affiliation, and topics of interest are also recorded
- Each paper is assigned between 2-4reviewers. A reviewer rates each paper assigned to him or her on a scale of 1-10 in 4 categories: technical merit, readability, originality, and relevance to conference, and provides an overall recommendation (accept/reject)
- Each review contains two types of written comments: one to be seen by the review committee only and the other as feedback to the author(s)