ERD Diagrams
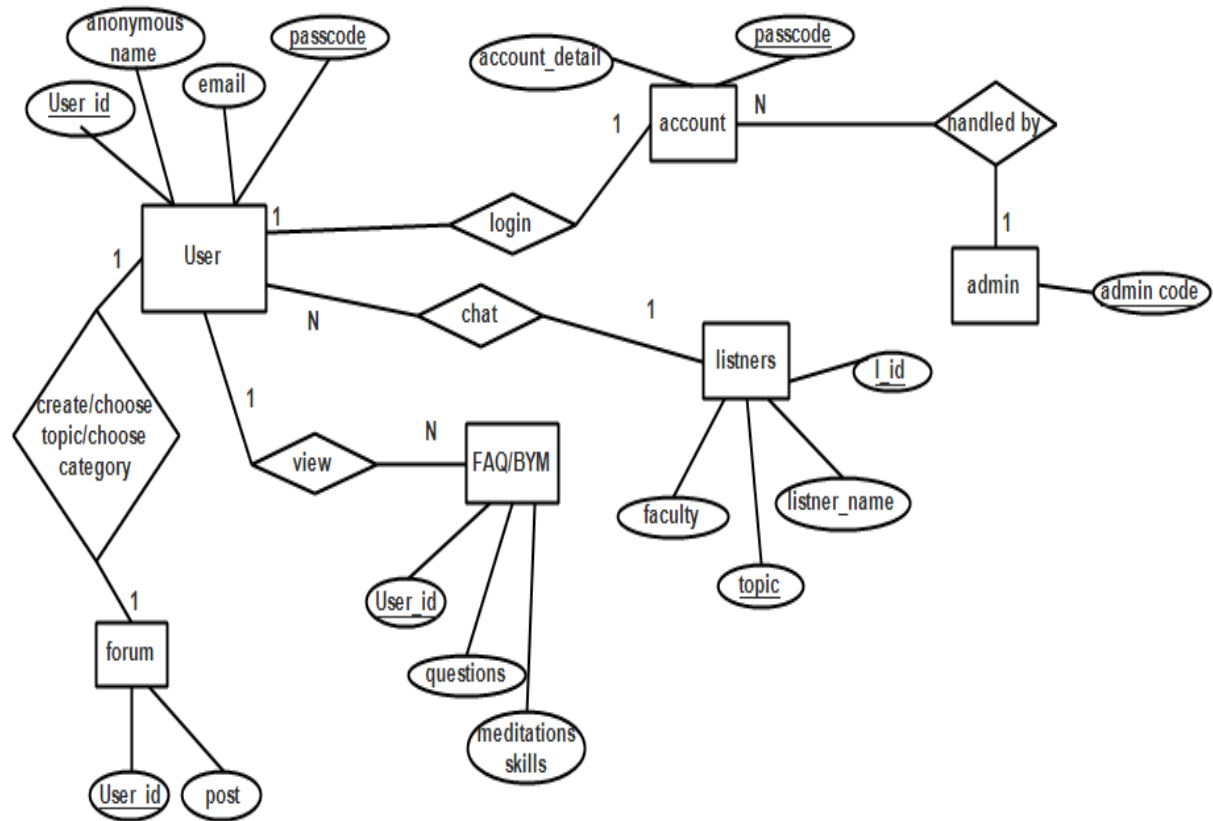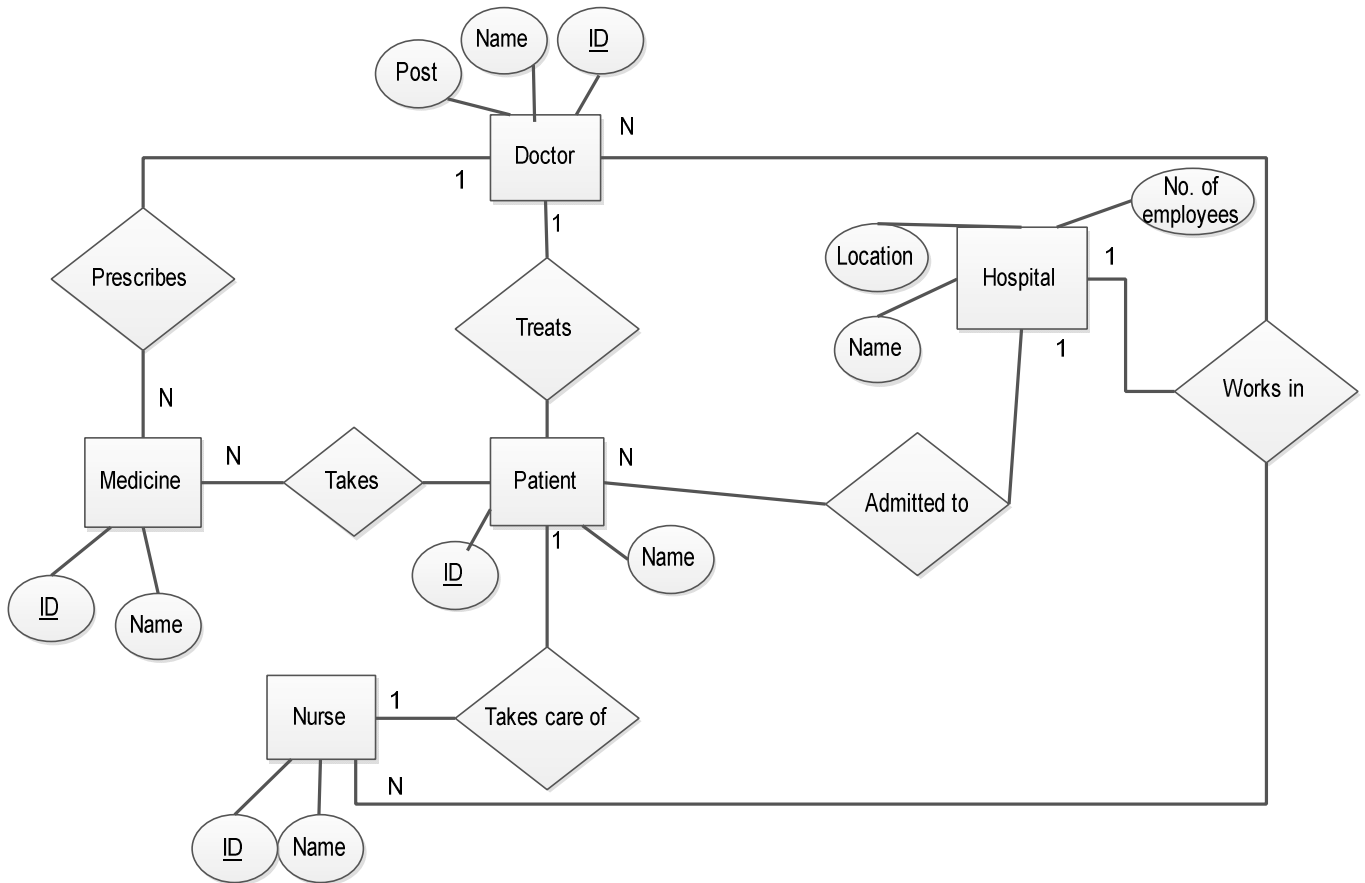
Online counseling system
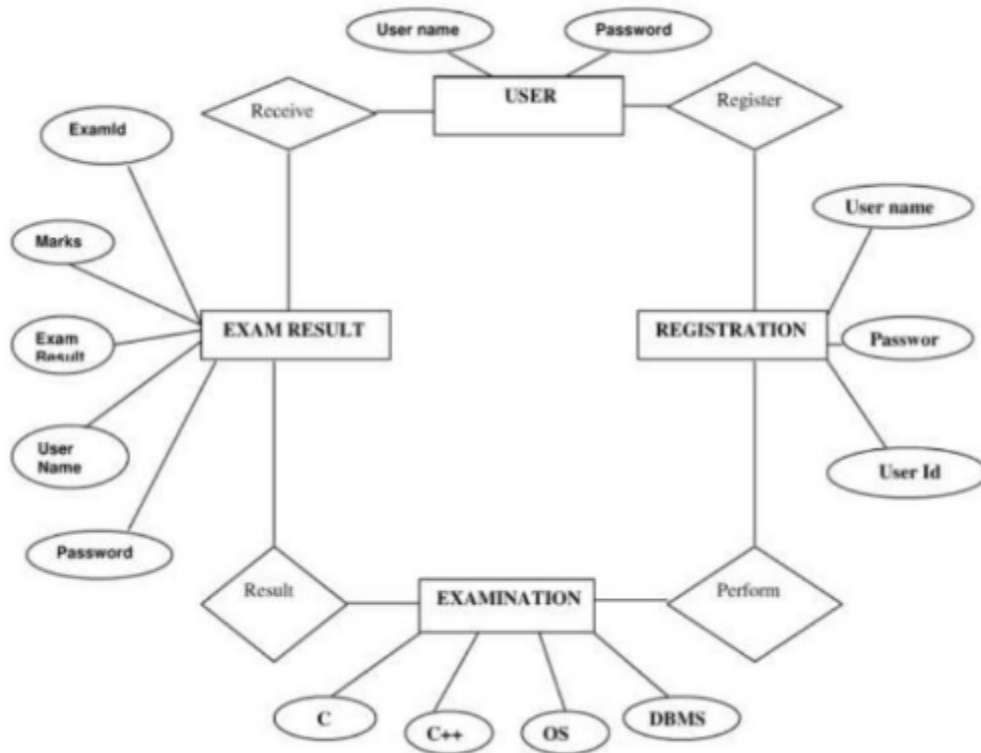
Hospital Management System

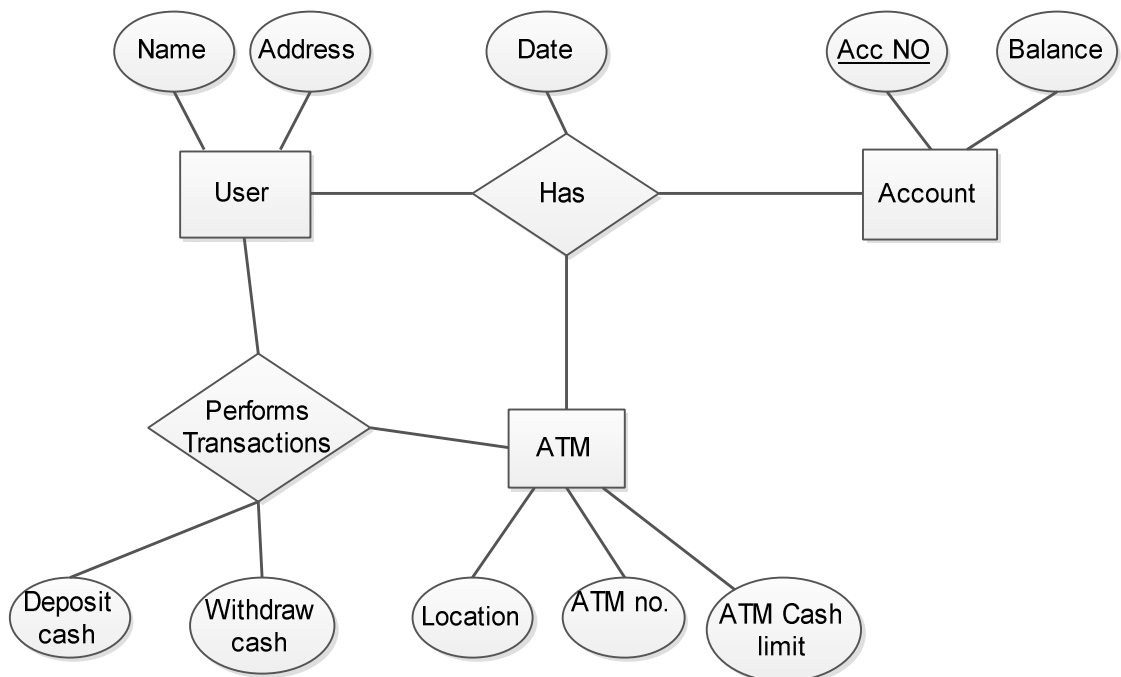**Doctor** entity with attributes: Post, Name, ID

Doctor —N— (top connection)

Doctor —1— **Prescribes** —N— **Medicine**

Medicine attributes: ID, Name

Medicine —N— **Takes** —N— **Patient**

Doctor —1— **Treats** —1— **Patient**

Patient attributes: ID, Name

Hospital entity with attributes: Location, Name, No. of employees

Hospital —1— (right connection)

Patient —N— **Admitted to** —1— **Hospital**

Hospital —1— **Works in**

Nurse —1— **Takes care of** —1— **Patient**

Nurse attributes: ID, Name

Nurse —N— (Works in)

Library System

Supplier —1— entity, attribute: Name

Supplier —— **supplied by** —N— **Book**

Book attributes: Name, Author, ISBN

Book —N— **Stored in** —1— **Library**

Library attributes: Name, Location

Book —N— **Published by** —1— **Publisher**

Publisher attribute: Name

Book —N— **Borrow** —1— **Member**

Member attributes: Name, ID

Library —1— **Work in** —N— **Librarians**

Member —1— **check membership** —— **Librarians**

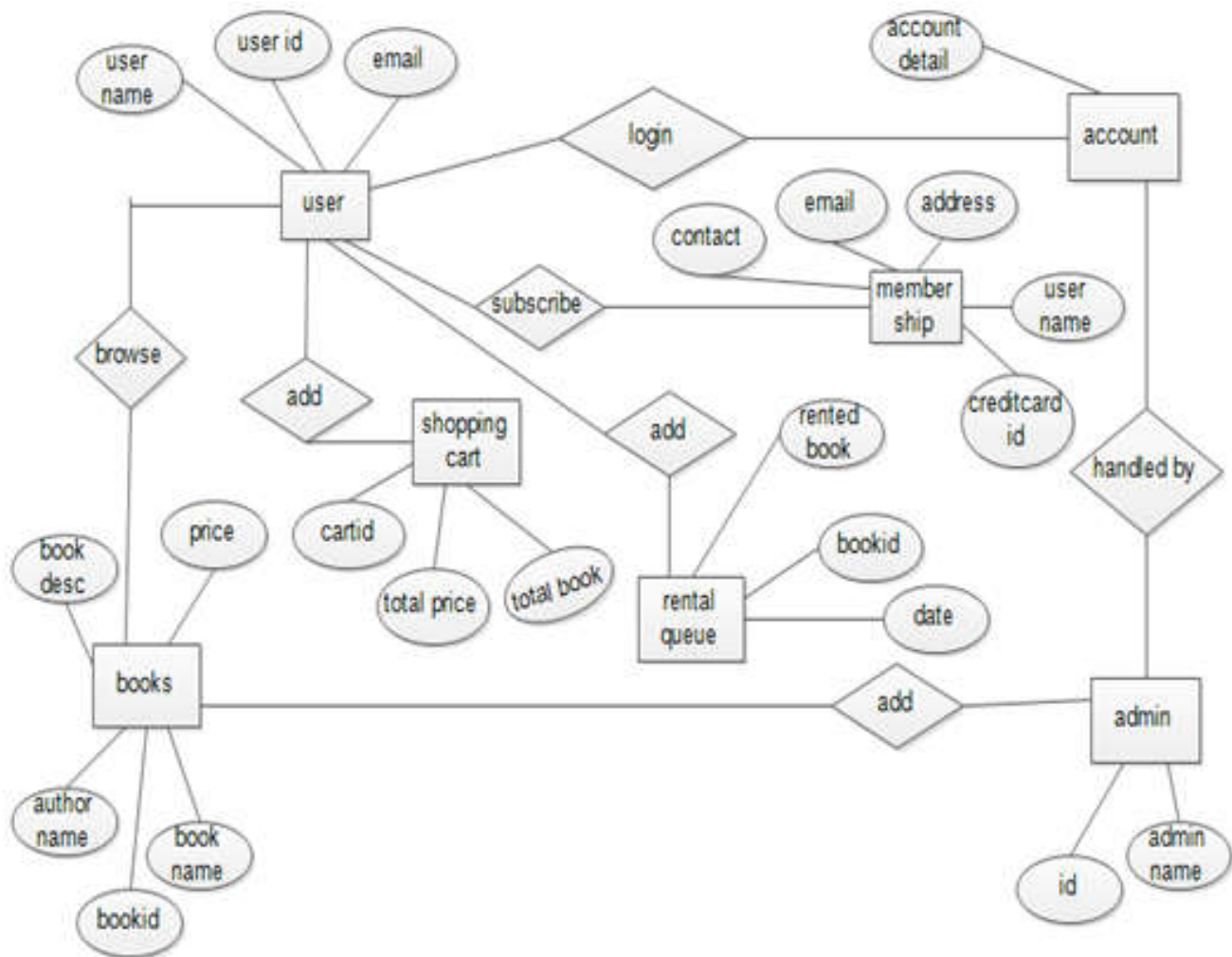Librarians attributes: Name, ID

Exam System

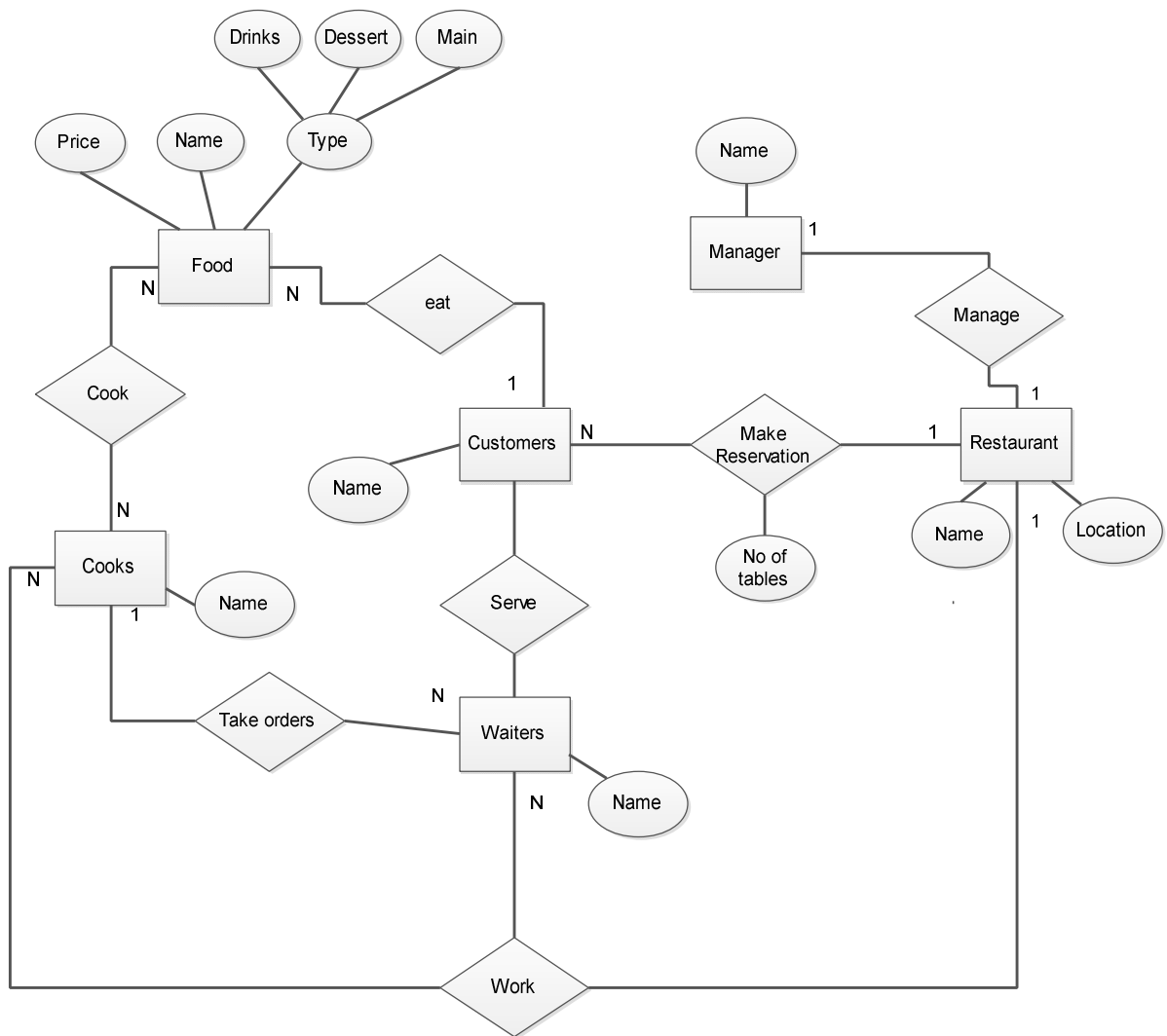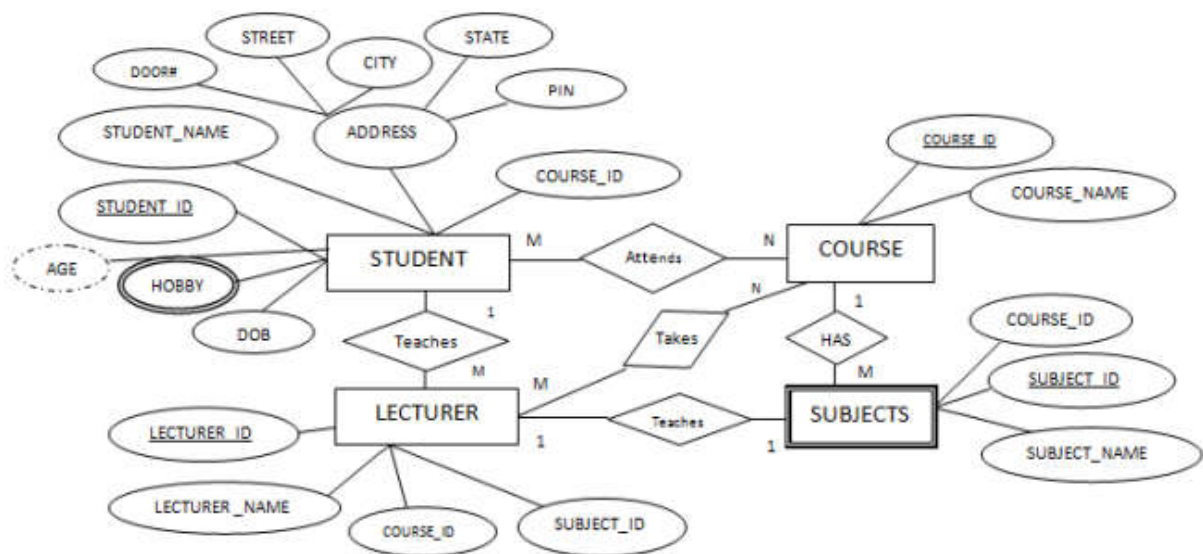# ATM System
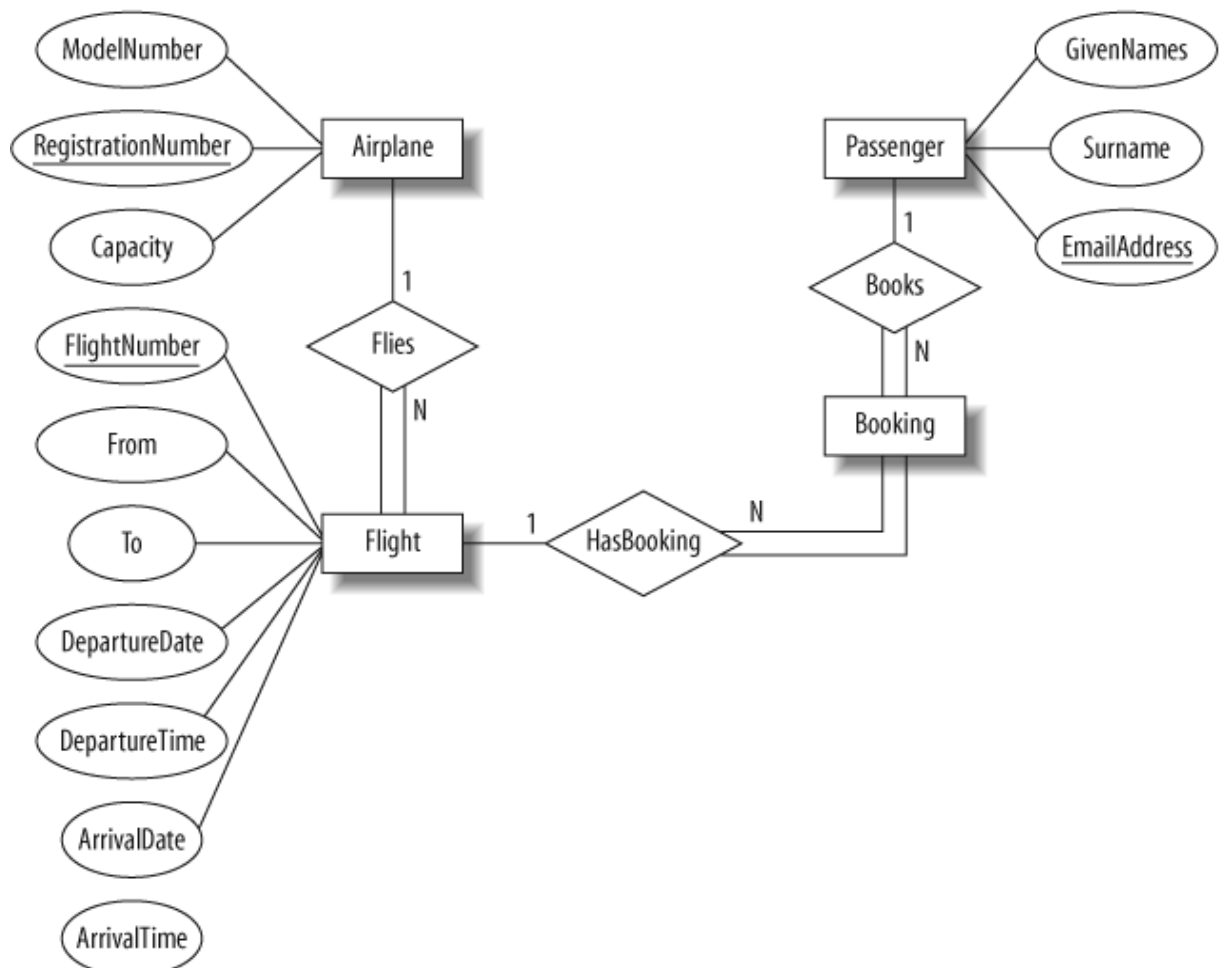
. Online Book Rental System

Restaurant System

Student Management System

Airline System

Hotel Management System