

Airline company

Airline companies (e.g. Ryanair) operate flights. These companies use airplanes to operate these flights. An airplane is of a given type (e.g. Airbus 400). Every type has a type number, a type name, a maximum number of seats, and a maximum weight. Every airplane has a registration number and a common number of seats. A flight starts at a given airport on a given day and time, and arrives at a given time at another airport. Every flight is identified by flight number, day of departure and time of departure. Moreover, day and time of arrival is kept, together with the latest time one can register at the service desk at the moment of departure. An airport has a code, a name, a country and coordinates of the location. Passengers book flights (e.g. Paris-NY). They receive a ticket with ticket number, rate, seat number and a description of the general conditions of the rate. For passengers, name, telephone and address are kept. Name and telephone identify a passenger.