Airlines

# Description of the project

The project implements the structure of airline companies. The main class company holds all their flights, planes, stewardesses, and pilots (crew members). Plane, flight, and crew member store company pointers to forbid assigning them to multiple airline companies.

Each flight consists of the plane, passenger, stewardess, pilots, company to which it belongs, and characteristic data for the flight: city of departure, arrival, and UTC of departure and arrival in milliseconds.

The class plane includes all of its flights, ID, name, company that belongs to, and parameters describing the plane, such as passengers, stewardesses, pilots capacity, and required number of stewardesses and pilots to operate the flight.

The next class is a person with ID, first and second name, birthday time (UTC in milliseconds), and gender. Class person is parent class for passenger and crew member classes.

The Passenger class contains flights. The crew member class contains flights and the role of the crew member: pilot or stewardess. Separating these classes will allow the implementation of specific functions and parameters for these classes in the future.

# Case study

Obraz zawierający tekst, diagram, Plan, zrzut ekranu

Opis wygenerowany automatycznie

# Declaration of the classes

tekst