# Use case:

This is a description of "Flight Booking System", witch has functions of booking flight and cancel flight. About Book Flight, this inherit Pay Bill function. My diagram is so simple though, too many functions cause big mistakes.

Class diagram:
Flight Booking Class has associations to Passenger class and Flight. And Flight Booking implements Pay Bill, CancelFlight and Book Flight. Airline Company Class, witch composes of Airport class and Airplane, make Flight.

Sequence diagram:
This diagram describe the booking of flight. First Passenger try to book the flight, Flight Booking class check an available seat they want to book, then if return Okay value, move to the BookFlight to book the seat, then after the success of the booking, next process move to Pay Bill class to calculate the total bill. the return value to directly contact to Flight Booking class, then the total value return to passenger and end the process.