

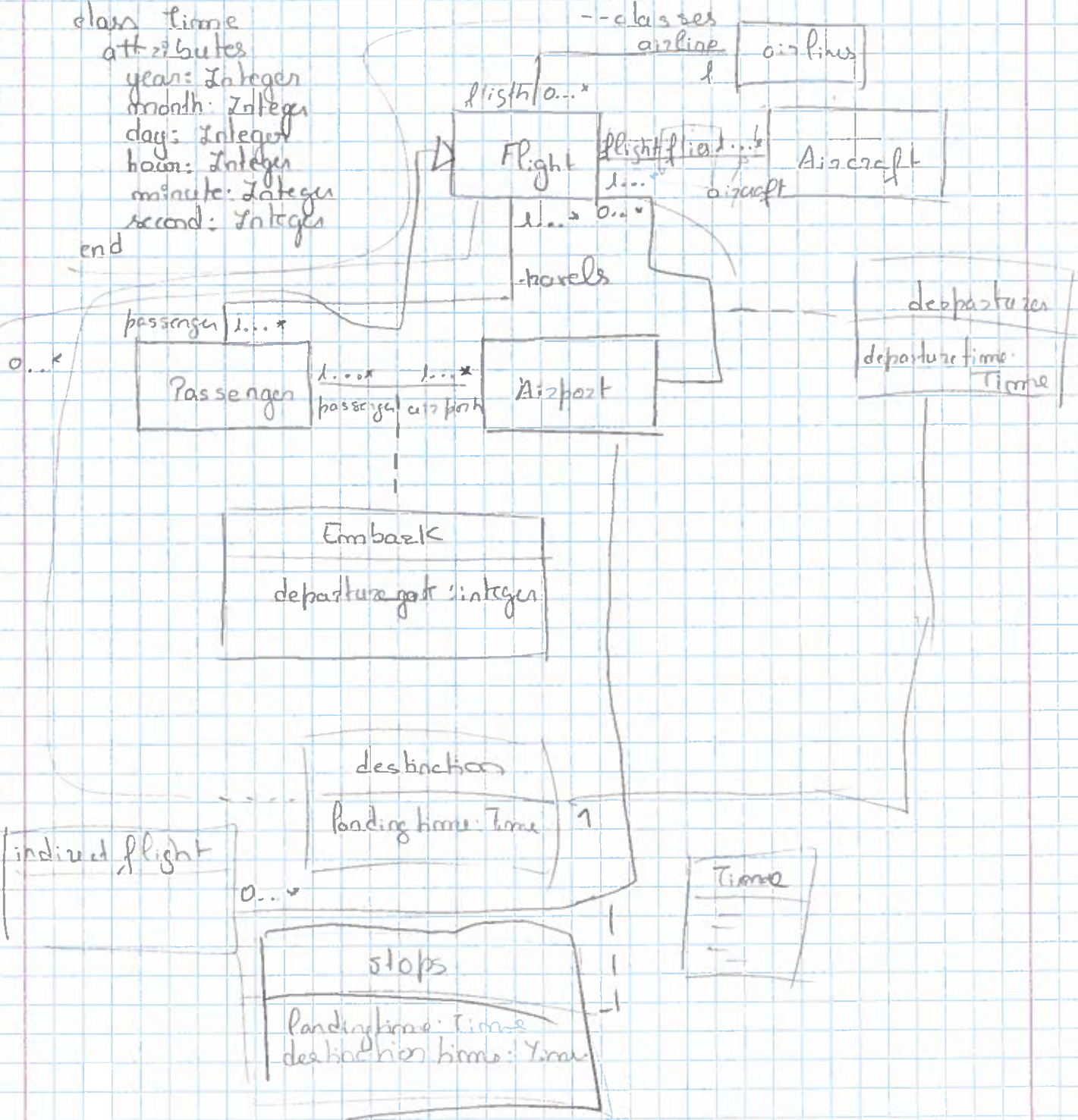
→ Interaction Diagrams

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```
class IndirectFlight < Flight
end
```

model Aeropuerto

```
class Time
  attributes
    year: Integer
    month: Integer
    day: Integer
    hour: Integer
    minute: Integer
    second: Integer
end
```



6.

context IndirectFlight
 inv allDiffAirports:
 self.stop $\rightarrow$ excludes (self.departure)
 and self.stop $\rightarrow$ excludes (self.destination)

7.

context Flight: addPassenger (p: Passenger)
 pre: existPassenger: p.isDefined()
 pre: notInFlight: self.passengers $\rightarrow$ excludes(p)
 pre hasRoom: self.aircraft.capacity > self.passengers $\rightarrow$ size()
 post isInFlight: self.passengers $\rightarrow$ includes(p)
 post correctSize: self.passengers @ pre $\rightarrow$ size() + 1 =
 self.passengers $\rightarrow$ size()