# The nominal use case.

When the contract is started, the first airline is created

Register a flight under F01, the contract will return the flight Key X.

By the insurance on the flight key (copy and paste the flight key X in text area for buying insurance)

Fetch the status for F01

The oracles say that F01 is delayed so they send 20 status code.

The smart contract set (increase balance) the passenger balance.

The passenger initiate a withdraw action to have the funds in his wallet. (Check the wallet amount)

# Activity diagram

**Pool**

**Airline company**

**Passenger**

Register Flight

Buy Insurance

Check flightStatus

if statusCode == 20

no

no

insurance is disabled

The chaincode refund the passenger

The chaincode refund the passenger

Withdraw funds