

Order a hotel online before trip

Objects and Behaviors:

Consumer:

Data: name, phoneNumber, date

Behavior: findDesirableHotel, review, compare, order

ServiceWebsite:

Data: collection of hotels, orderConfirmation,

Behavior: searchHotel, makeOrderConfirmation

CreditCard: number, name, expiry, security code

Behavior: pay

Sequence of Flow

Consumer jimmy,

ServiceWebsite orderOnline,

CreditCard card,

If orderOnline.isAvailable

jimmy. findDesirableHotel → orderOnline.search , collection of hotels, date: hotel

If collection of hotels =0

Return jimmy.cantOrderOnline

Loop

if hotel = 0

collection of hotels = collection of hotels - thishotel

jimmy. findDesirableHotel → orderOnline.search , collection of hotels, date: hotel

If collection of hotels =0

Return jimmy.cantOrderOnline

end

End

jimmy.order -> orderOnline.makeOrderConfirmation, room, card.pay, date, phoneNumber:
orderConfirmation

return orderConfirmation

Else

return jimmy.cantOrderOnline