

1. Order a hotel online before a trip.

Things:

Traveler

Data: Name, Address, Phone, NumberOfTraveler, Date

Behaviors: connectInternet, searchInternet,
findDesirableWebsiteInPage, inputTheData, orderHotel,
cancelHotel, browseInternetAfterAWhileBack

Internet

Data: Airbnb, Google, Booking, website: GroupOfWebsites

Behaviors: searchForBookingWebsites

BookingWebsite

Data: URL, products

Behaviors: search, sort, display, compare, placeTheOrder

Hotel

Data: Price, Address, roomType, Phone, Date

Behavior: acceptOrder, denyOrder

Sequence of invoking behaviors on Objects:

OrderHotelOnline:

Traveler sookie,

Internet internet,

BookingWebsite Booking,

Hotel Chroma

-----Program-----

```
sookie.connectInternet-> internet
```

```
If Internet.isAvailable{
```

```
    sookie.searchInternet-> internet, question: GroupOfWebsites
```

```
    sookie.findDesirableWebsiteInPage->GroupOfWebsites:
```

```
    website
```

```
    pageNumber=1;
```

```
    loop
```

```
    if sookie.findsNoDesirable{
```

```
        pageNumber=pageNumber+1;
```

```
    }
```

```
    else{
```

```
        sookie.findDesirableWebsiteInAPage->internet,
```

```
        question, page Number: website
```

```
        Booking=website;
```

```
        break;
```

```
    end
```

```
}
```

```
if (Booking!=null){
```

```
    sookie.inputData->price, Address, roomType, phone,
```

```
        date

        Booking.searchForHotel->price, Address, roomType,
        phone, date

        Sookie.orderHotel->hotel

        Response=orderConfirmation

        break

    end

}

else{

    sookie.cancelHotel

    break

end

}

else

    sookie.browseInternetAfterAWhileBack

}
```