

Problem: Book a hotel online

Things:

Consumer

State: Name,Address,Age

Behavior: search,book,review,cancel,compare

Internet

State: Expedia,Homeaway,Hotels.com

: Collection of websites

Behavior: searchForHotelWebsites

HotelBookingWebsite

State: URL, hotels, BankAccount

Behavior: search, sort, compare, display, book

Hotel

State: Name, location, roomsize, rating

Behavior: reserve

CreditCard

State: Number, ExpiryDate,Name, Company, SecurityCode

CreditCardProvider

Behavior: accessProvider

BookHotelOnInternet:

Consumer divya,

Internet internet,

HotelBookingWebsite expedia,

Hotel selectedHotel,

CreditCard card,

CreditCardProvider visa,

BookingConfirmation response

If internet.IsAvailable

divya.searchInInternet ->internet,question : Collection of HotelWebsites

pageNumber =1;

Loop

if divya.findsNoPage

break

end

divya.findNeededWebsiteInPage -> internet, question ,page Number : website

expedia=website;

if expedia notEmpty

break

else

pageNumber=pageNumber+1;

end

End

expedia=website;

If expedia is not empty or expedia != NULL

divya.searchForHotel -> expedia, priceRange, location, rating, roomsize,
checkInDate, checkOutDate : Collection of hotels

divya.findDesirableHotel -> collection of hotels: hotel

selectedHotel=hotel

divya.bookhotel -> expedia, selectedHotel,creditCard,email:
bookingConfirmation

response= bookingConfirmation

else

divya.cantbookhotel

else

divya.browseInternetAfterAWhile