

# **Buy a computer from Amazon**

Objects and behaviors:

Computer:

Data:

Behaviors: startUp, connectToInternet

Internet:

Data: Google, AmazonWebsite

Behaviors: enterTheWebsite

Electricity Website:

Data: URL, ListOfComputer

Behaviors: search, display, sort, compare

Buyer:

Data: userName, password, personalInformation (Name, Phone, Address, emailAddress, bankCardInformation)

Behaviors: startUpComputer, search, filter, review, compare, decide, buy

Computer Seller:

Data: Brand, Performance, Model, Price

Behaviors: login, post, confirm, ConfirmOrder

Sequence of invoking behaviors on objects

PostingComputerInformationOnTheWebsite

Computer Seller S;

If the Internet.isAvailable

S.loginToTheWebsite -> username, password: connected

If the Website.isAvailable

S.post -> ComputerInformation: confirmForPosting

Else

Refresh the Website

SearchingComputerOnTheWebsite

Buyer Tong;

Computer Seller S;

Tong.startUpComputer -> password: computerStartUp

If the Internet.isAvailable

Tong.loginToTheWebsite -> username, password: login

Tong.searchForComputer -> ComputerInformation:

ListOfComputers

Tong.findDesirableComputer -> ComputerDetails:

computerSeller

```
S = computerSeller
If S.hasRemainComputer
Tong.addToCart -> pay: confirmation
Else
    searchOtherSeller
end
end
```