Design a job searching and posting platform

Identify Objects and Behaviors

Thing(Object)/Entity:

Information(Data)/(State):

Services(Behaviors)/Actions

Things:

Applicant（Website Visitor）:

Data: Name, Phone, Position, CV

Behaviors: search, compare, review, apply

hirer:

Data: Company, Name, Position

Behaviors: hire, compare, makeADecision

Internet:

Data: Group of Websites(Collection of Websites)

Behaviors: searchForElectronicWebsites

electronicWebsite:

Data: Indeed, Monster

Behaviors: search, display, compare, sort

job:

Data: wages, position, company, bonus

Behavior:

Sequence of invoking behaviors on Objects:

postAJob：

Hirer billy，

Job SE，

Internet internet,

ElectronicWebsite seekJob

If Internet.isAvailable

billy.loginToWebsiteAccount ->seekJob : authorize

If(authorize is true)

billy.inputTheDetailsAboutTheJob->seekJob, SE

seekJob.postTheDetails ->SE

else

billy.registerForANewAccount->seekJob

end

else

billy.browseInternetAfterAWhileBack

end

searchForAJob:

Consumer emily,

Hirer billy,

Internet internet,

ElectronicWebsite seekJob,

Job SE

If Internet.isAvailable

emily.loginToWebsiteAccount ->seekJob : authorize

If(authorize is true)

emily.findJobs-> Collection of Jobs: job

jobNumber =1;

Loop

if emily.findsNoJobs

break

end

emily.findDesirableJob-> position, wage, company

bestJob = SE

if bestJob is available

break

else

jobNumber = jobNumber+1

end

emily.applyForThisJob ->seekJob, SE

billy.scanTheCV and makeADecision -> seekJob

end

If billy.decideToHireEmily

emily.getTheJobAboutSE

else

emily.applyForAnotherJob

end

else

emily.registerForTheWebsiteAccount

end

else

emily. browseInternetAfterAWhileBack

end