Design a job searching and posting platform

Objects and Behaviors:

Candidate

Object: name, phone, EmailAddress

Behavior: create, upload, search, reviews, compare, connect, loginToJobHuntService, sendResume.

Resume

Object: name, phone, emailAddress,lengthOfService, educationalBackground, workExperience, projectExperience, skills, photo, hobby

Behaviors:

EmployerOrHR

Object: name, phone, EmailAddress, companyname, companydescription, Location

Behaviors: Search, reviews, compare, connect, loginToJobHuntService, sendpost, SendInterview

Company

Object: google, amazon, Airbnb, company1, company2: Group of companies

Behaviors: hireAEmployee,

Post

Object: companyname, companydescription, Jobname, jobdescription, department, Location, postReleaseTime, salary, otherRequirement,

Behaviors:

JobHuntService

Object: name, phoneNumber, emailAddress

Behaviors: sendrusume, sendpost, response, sendRemindToCompanies, sendRemindToCandidates

Sequence of invoking behaviors on Objects：

Candidate Anne, Bill, Cindy, Tom

Resume AnneResume, BillResume, CindyResume，TomResume

EmployerOrHR HR1, HR2

Company company1, company2

Post post1, post2, post3

JobHuntService jobhuntservice

HR1.loginToJobHuntService

HR1.sendpost

HR2.loginToJobHuntService

HR2.sendpost

Anne.loginToJobHuntService

Anne.sendResume

Bill.loginToJobHuntService

Bill.sendResume

Cindy.loginToJobHuntService

Cindy.sendResume

Tom.loginToJobHuntService

Tom.sendResume

Loop

If ( candidates like to search for themselves)

Anne.searchForPosition-> jobhuntservice.filterAllMatchResultAndShow

Anne.compare-> companyname, companydescription, position, Salary: All the Post Data

Anne.submitResumeToCompanies

Jobhuntservice.sendRemindToCompanies

Else

Tom.compareMatchResult->companyname, companydescription, position, Salary: All the Post Data;

Tom.submitResumeToCompanies

Jobhuntservice.sendRemindToCompanies

Bill.compareMatchResult->companyname, companydescription, position, Salary: All the Post Data;

Bill.submitResumeToCompanies

Jobhuntservice.sendRemindToCompanies

Cindy.compareMatchResult->companyname, companydescription, position, Salary: All the Post Data;

Cindy.submitResumeToCompanies

Jobhuntservice.sendRemindToCompanies

End

If (HR or employer still looking for new candidates)

If (resumes.count < expect)

HR2.SearchForCandidate-> jobhuntservice.filterAllMatchResultAndShow

HR2.compare -> workExperience, ProjectExperience, educationBackgroud: All the Resume data

HR2.select

HR2.SendInterview

Jobhuntservice.sendRemindToCandidates

Else

HR1.compare -> workExperience, ProjectExperience, educationBackgroud: All the Resume data

HR1.sendInterview

Jobhuntservice.sendRemindToCandidates

End

Else

HR1.interview

HR1.select

HR1.updateOnJobhuntservice

HR2.interview

HR2.select

HR2.updateOnJobhuntservice

Anne.getJob

Tom.getJob

End

End loop