3 Design a job searching and posting platform.

Objects:

Job:
Data: Description, Date, Category, Owner,

Customer: (People who want to find jobs)
Data: Name, Email, Phone, Address, Resume
Behaviors: searchJobs, sendResume

JobPoster: (People who posts job and hire people)
Data: Name, Email, Phone, Address, Description
Behaviors: getResumesForJob,
postJob, deleteJob, editJob, getPostedJobs,

Auditor (who will review the jobs posted by JobPoster)
Data: Name
Behaviors: reviewJob, deleteJob,

JobPlatform (the backend system that manage the jobs like indexing and searching)
Data: JobList, JobIndexs
Behavior: addJob, deleteJob, getJobList, register, login,

PostJob:

JobPoster googleInc,
JobPlatform freelancerPaltform,
Auditor peterAuditor,
Job googleJob,

```
// Register or Login
If googleInc not register in freelancerPaltform,
    freelancerPaltform.register(googleInc)
freelancerPaltform.login(googleInc)

// After auditor reviews the job, it'll be showed on the platform.
googleJob = googleInc.postJob()
if  peterAuditor.review(googleJob):
    freelancerPaltform.addJob(googleJob)
```

FindResumes:

```
for every reusme in googleInc.getResumesForJob(googleJob):
    if googleInc is interested in resume:
        googleInc.contactResumeOwner()
```

SearchJob:

```
JobPlatform freelancerPaltform,
Customer helen,
Job desiredJob,

// Register or Login
If helen not register in freelancerPaltform:
    freelancerPaltform.register(helen)

freelancerPaltform.login(helen)

Job manyJobs = helen. searchJobs(freelancerPaltform, keyword)
for job in manyJobs:
  if helen find something interested:
    desiredJob = job;
    helen.sendResume(job)
```