Problem: Design a Job Searching Platform

Things:

Candidate
      Data: Name, Address, Phone, Resume, StartTime
      Behaviors: search, review, compare, apply, cancel, login

Employer
      Data: Name,Location,Positions
      Behaviors: create, post, delete, view, login

Job
      Data: Title, Requirement, Location, StartTime
      Behaviors:

Platform
      Data: URL, name
      Behaviors: Identify, Notify, GatherInformation

JobSearchingPlatform

Candidate ching
Employer facebook
Job job
Platform indeed

If Platform.isAvailable
      facebook.loginPlatform -> indeed
      if indeed.indentifyProcessFail
            break
      else
            facebook.postJob -> tile, requirement, location, startTime
      end
 else
      facebook.retryAfterAWhile
end

ching.loginIndeed
if indeed.indentifyProcessFail
      Break
Else
      ching.searchForJobs -> group of jobs
      ching.findsDesirableJobs -> indeed, question, pageNumber: Platform

```
        indeed = Platform
        if indeed is not empty
                break
        Else
                pageNumber = pageNumber + 1
        end
        job = Job
        if job is not empty or job != null
                ching.applyjob -> submitResume
        else
                ching.checkBackLater
        end
End

If facebook.receivedResume
        Indeed.notifyFacebook
End

If facebook.passResume
        Indeed.notifyChing
End
```