

## Design a job searching and posting platform

Things:

Job searching and posting platform

Data: Name

User

Data: Job seeker, Employer

Behavior: Search, Sort, Upload, Apply, Post, Schedule

Job

Data: Title, salary

### **For job searching:**

Job Seeker

Data: Name, phone, address, resume

Behavior: Search, Sort, Upload, Apply

Company

Data: Name, phone, address

### **For job posting:**

Employer

Data: Name, phone, company, address

Behavior: Post, Sort, Schedule

Calendar

Data: Date, time

Sequence:

## Platform monster

**For job searching:**

jobSeeker tony

Company Microsoft

## Job seniorDeveloper

**For job posting:**

## Employer facebook

Calendar calendar

## ApplicationSuccessful response1

## PostingSuccessful response2

User.OpenPlatform → monster

monster = platform

If user.jobSeeker  $\rightarrow$  tony: user

If first time

tony.createCandidateAccount → name, address, phone:  
monster

tony.uploadResume → resume: monster

else

tony.accountLogin → name, emailID: monster

If resume is old

Tony.uploadNewResume → resume : monster

End

End

loop

tony.searchJobs → seniorDeveloper, Microsoft: monster

```
if tony.jobFound
```

```
seniorDeveloper = job
```

microsoft = company

tony.applyForJob → tony, apply: application successful

```

        response1= applicationSuccessful
        break
    else
        tony.desiredJobNotFound
        If tony wants to logout
            tony.logOut → tony, logout: monster
            break
        end
    end
end
end
If user.employer
    If first time
        facebook.createEmployerAccount → name, address, phone:
                                            monster
    else
        facebook.accountLogin → name, emailID: monster
    end
    facebook.fillInTheJobDetails
    facebook.postJob → facebook, post: job post successful
    response2 = postingSuccessful
    If facebook receives notification when candidates apply
        loop
            facebook.searchCandidates
            If facebook.findsDesiredCandidate
                facebook.scheduleInterview → facebook,
                                            schedule: calendar
                break
            else
                facebook.desiredCandidateNotFound
                If facebook wants to logout
                    Facebook.logOut → facebook, logout:
                                    monster
                Break
            end
        end
    end
end
end

```

end  
end