

DESIGN OF SOFTWARE SYSTEMS CS 509

Fall 2025

Provisional Use Cases Start : **Final Revisions**

Prof. George Heineman

WPI

heineman@cs.wpi.edu

Recruit.me Context

- You are founding a company to help match companies with promising applicants
- Company
 - Can create job postings and rate/evaluate applicants who have applied to these positions
- Applicants
 - Can search job postings and apply to positions
- Recruit.me
 - Can report on all companies and applicants

Landing Page(s)

- Company landing page
 - “LOGIN or Register anew”
- Applicant landing page
- Admin landing page
 - Credentials that give you access

Pagination

- For EVERY request that gives a LIST of values you must impose pagination
 - Company
 - List of open jobs for company
 - List of closed jobs for company
 - List of applicants for job
 - Applicant
 - List jobs they have applied to
 - List offers they have received, accepted, and/or rescinded
 - List jobs that match search criteria returns list of <company><open job>

Company Use Cases (11?)

- Register Company
- Review Company Profile
- Edit Company Profile
- Create Job
- Edit Job
- Activate Job
- Close Job
- Review Applicants <for job> [page]
 - View Applicant
 - Rate Applicant For Job (not withdrawn)
- Offer Job(s)
- Rescind Job Offer

Register company is how a company gains access to the system

Review Company Profile is what is present when company “logs in”. From here the company can see the list of inactive jobs, open jobs (with # applicants) and closed jobs (with # of hired)

A company profile has the name of the company. Just that for now

Can only edit inactive jobs.

A company can create a job with list of skills that a required for that job

To offer job(s) company goes through list of applicants that were Hirable and chooses some of them (perhaps all). **CAN ONLY HIRE** from Hirable. These are now Hired.

Once a job is active, applicants can apply to it. The company can review the list of applicants for any open job and can rate each individual as (Hirable, Wait, or Unacceptable). Those that have been **Offered** position. Will also list those that were **Hired**. Can be **Withdrawn**.

A company can accept multiple applicants to the same position. But same applicant cannot apply twice to the same job

A closed job is not visible for searching by an applicant

A company could offer a position to an applicant who turns them down

Applicant (8)

- Register Account
- Review Profile
- Edit Profile
- Search Jobs [page]
- Apply to Job
- Withdraw from Job
- Accept Offer
- Reject Offer

An applicant initially registers to join the site.

When applicant logs into the site, the applicant's profile is shown, which includes their name, skill keywords. Lists jobs they have applied to, job offers that have been offered to them, and job offers that have been accepted, job offers that were rejected.

Applicant can (re)apply to a job ONLY if they have withdrawn from that job.

Applicant can edit their profile to add or remove skills.

Applicant can choose to accept a job offer they had previously rejected. Can choose to reject a job they had previously accepted.

Applicant can search jobs, whether by skill keyword or by company name

Recruit.me (3) = admin

- Report companies [page]
- Report jobs for company [page]
- Report applicants [page]

Report companies prepares a report lists summarized information for all companies, including their name, # of jobs, # of applications, # hired

Report jobs for a company lists all postings for that company, together with the number of applicants for each position and the number of positions hired. Each job is either **open** or **closed**. Also report # for each state (i.e., Offered, Hired, Withdrawn)

Report applicants lists each applicant in the system, together with the # of jobs they have applied to, # of jobs they accepted, # of jobs they have withdrawn.

ALL Paginated