Group Project Architecture

* ROCA.sa: engineering development assoc.
  + 30 Companies in LA.
* Job Search Platform
  + Usable by companies in/out of ROCA.sa
  + Things to track
    - Available positions
    - Active applications
    - Status of applications
* Prioritizes Applications of Current/Former Employees
  + Employee Features:
    - Messaging Platform
    - Ability to request a rec letter from immediate supervisor
    - Requires job id to access system
* Simplifies the recruiting process
  + Filters applications by matching keywords from resumes
  + Reminds users about upcoming interviews
  + Shows a list of “outstanding” candidates
* To help applicants find their dream jobs
  + Allows for applicants to submit resume/ create a profile
    - Personal info, areas of interests
  + Allows applicants to opt-in for emails about latest job offerings and possible matches
    - Matches are identified by using text analysis
      * Job descriptions and areas of interests
  + Allows applicants to perform a job search
    - Filters position by criteria
      * Salary, state/level of education
    - Removes jobs that have been filled
    - New search presents the most relevant/latest postings
* System should support online access
* Include a database that tracks:
  + Applicants
  + Open positions
  + Info on internal/external applications
* An applicant should only be able to apply to a specific job once
* Applications cannot be overwritten once submitted
* No applications are accepted after the due date/time
* Only 100 total applications for any specific job
* Some jobs are only for current employees
* An applicant can only apply to a max of 20 different jobs
* The system should produce regular admin reports
  + List of employees applying to open positions and the percentage that were employed
  + The 5 companies with the highest number of applications and the 5 companies with the highest number of applicants
  + The area/field receiving the highest number of applications