JobSpark Project Charter

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# Project Reasoning

Currently there is a wide offering of job placement applications from the more social media focused such as LinkedIn, to the more company perspective focused Glass Door. However, none of these apps target quick results, and are often overloaded with information. JobSpark aims to fill that wide gap in the job search industry.

In summary, our reasons are:

1. Finding good candidates is complicated for employers
2. Getting through to an interview can be difficult for job hunters
3. Most of the modern job apps focus on specific wording, keywords, etc. making the system easily ‘hacked’, and/or extremely difficult of the average person
4. The tendency is to overload current sites with information, instead of being concise (which is what people are looking for these days. Just think how large a hit Instagram has been)

# Objectives

* Make job hunting as easy as it is to find a date
* Suggest people in the correct field, to the correct jobs
* Filter out the jobs that won’t be a good fit

# Constraints

* Must be easy to use (limited buttons)
* Must be usable on a mobile phone, and desktop
* Must keep information confidential, until there is a match (both employee and employer have selected each other)
* Must have profile information to insure a good match

# Overcoming the Constraints

* The front end will be a progressive web app, that will run on any browser
* They front end will be styled according to a widely accepted standard
* The backend REST API endpoints will be secured, and confidential information (primarily address, phone number, email) will only be able to be accessed by the registered user that owns that information, and any matched employer
* The profile information will include various values, including lookup tables to make matching criteria simpler

# Main Stakeholders

* The instructor
* Dockstader Technologies (IP owners)

# In Scope Items

## Backend

* User Profile Endpoints
  + Endpoint to register as a user (job hunter and hiring manager)
    - Includes a small (<2 Mb) photo
  + Endpoint to update your user information
  + Endpoint to delete your profile
  + Endpoint to get your profile
  + Endpoint to get others matched profile information
  + Endpoint to login
* Job Listing
  + Endpoint to add a job listing
  + Endpoint to update a job listing
    - This includes ending the job listing
* Prospective Match
  + Endpoint to get next prospective match
  + Endpoint to update a prospective match
  + Endpoint to list users that are pending (you have said yes to)
  + Endpoint to list users that are a match, with their profile information
  + Endpoint to end job hunt (change all previous yeses to no’s so you don’t leave people hanging)

## Front End

* User
  + Register User Page
  + Login User Page
  + View profile information page (yours or others, if matched)
  + Update profile information page (only yours)
* Job Listing
  + Should only show for hiring managers, so they can list multiple
  + Add/Update/End a job listing
  + List active job listings
* Match
  + Page to view next prospective match, and say yes or no
  + Page to list pending matches
  + Page to list accepted matches
    - Click through page to view their information
  + Page to end your job hunt

# Out of Scope Items

* View previous matches
* View “no” matches
* Reset your matches
* Touch screen support
* File uploads
* File compression
* Emoji’s
* Long blurbs about yourself
* Links to other sites
* Custom themes
* In app messaging system
* Notifications (push, email, text, or otherwise)
* View previous job listings
* Reopen a job listing

# Potential Risks

The market is already saturated with things to help you find a job. It will be difficult to get buy in for job hunters and hiring managers after the application is complete.

# Project Benefits

This application could help many people find the job that they are meant to perform, instead of filling positions with people that seem to meet the criteria but end up flopping at the job they were hired to do.

# Project Costs

For the duration of the project, the costs will be primarily in time. After the project is live, the app should fit nicely into a free tier of hosting on either AWS, or a different hosting site (such as Heroku). The primary monetary cost will be that of owning a domain for the product, and any routing costs associated with DNS, etc.