Test Project #1 for Ever Accountable New Hires

Overview

This first project will test that you are a competent developer before we trust you to work on Ever Accountable's code. But this project is still important and we hope will benefit the lives of many people looking for special names for their babies.

Your job is to modify or rewrite the system at babyancestry.com to have a new visual look. babyancestry.com (an idea that Tyler had) is designed to help people discover names for their baby from their family history. It scans the genealogy database familysearch.org and then presents baby name suggestions. An original system was built by a contractor, but the system has several bugs and needs an updated look.

This is both a job and a test

You will be tested against other developers, so please work quickly and do a good job! At any time we may decide that we don't want you to continue the job. If that happens, we will pay you the remainder of money we owe you and you will no longer have a job with us. I hope that doesn't happen! We want to see that you share our same company values. We will be focusing on these ones:

1. Ownership - This means that you lead your tasks in a way that it is helpful for Ever Accountable. Research anything you don't understand. Ask good questions when you need clarification, or when you get stuck.
2. Urgency - Get your projects done quickly. Quickly make changes that we request.
3. Excellence - Remember that someone else will read your code, so write it clearly and with good comments where someone might get confused. Test your code and make sure it works.
4. How well you interact with the rest of the team.
    a. Do you work when you said you would, and let me know if I won't be available?
    b. Do you keep your promises?
    c. Are you kind and professional?

Instructions:

1. Please send your NBI clearance to Jezriel Bajan, and inform him when he should expect to receive it at jezriel@everaccountable.com (JOSE MARIA COLLEGE Phil-Japan Friendship Highway, Catitipan, Davao City, Philippines. 8000). Please send it soon, so that he will have it before you start on your next project. I will reimburse you your expense.
2. Learn about the project
    a. Log into familysearch.org and browse my family tree to see what data is available. DO NOT CHANGE ANYTHING IN THERE!!!
        i. username: tahooie
        ii. password: pr0verbs356
    b. Now go to babyancestry.com. Use the same credentials. Notice how the system scans the first 8 generations of my family tree and displays baby name suggestions. Your app needs to do the same thing, but it will present the results in a different way and it should not be buggy.
    c. Familysearch has a getting started guide here: https://familysearch.org/developers/docs/guides/getting-started-tutorial and api documents here: https://familysearch.org/developers/docs/api/resources
    d. Log into babyancestry.com's server so you can see all the files:
        i. ssh babynames@babynames.webfactional.com (*password is* bAbyk1nderNam3n)
        ii. The files are located in webapps/babynames

e. You will be either rebuilding or modifying the existing system, and making it look like the documents here: https://www.dropbox.com/sh/gb3as96g3eajh07/AAAwjoXY7vGsHlDxytnMxK8Ta?dl=0. You will find both images that

3. Now rewrite the backend in Python, and fix the front-end to look like the Dropbox documents. Please do NOT change the existing system on webfaction. If you want to modify the existing code, then copy it to a new location.

   a. Use Twitter Bootstrap, and make the system appear as close as possible to the images in dropbox. It should function like the reference images. If you are not an expert at html/css, then don't worry if you can't make it look exactly right - just do your best.

      i. Note that the original system combined similar names together, while the new system does not. A screen pops up for each person

   b. The OAuth integration was troublesome for the original contractor and might cause problems for you too. It might not work once you move it to a new domain/subdomain. We can request that FamilySearch grants access to your new url if you tell me what you need.

      i. There were testing/developer credentials granted previously. I don't know if you will need them:

         1. Sign-in Name: api-user-3482
         2. Password: 20e0
         3. Developer Key: WCQY-7J1Q-GKVV-7DNM-SQ5M-9Q5H-JX3H-CMJK

4. Give me periodic updates on your progress. Ask me any questions you might have.
5. Track how many hours you spend.

Milestones

1. Get the existing system working in a new location that you can modify.
2. Fix the logout button.
3. Modify the front-end to look like the design documents (If you are not a front-end developer, just do your best)
4. Rewrite the back-end in Python/Django