MART391 Milestone 3

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Below is a url for a prototype of the site’s front end. This will serve as my use-case diagram. You should be able to click on links and see how the pages on the site will flow and what the steps through each form will look like.

https://xd.adobe.com/view/97216823-79ce-4b48-6fd9-a1704004053f-e110/

The png document is my database design. There will be five tables that contain info users will either enter in or serch for. The diamonds represent where linking tables can be created by sql queries to understand for example, which expert is associated with a particular category.

**Functional requirements**

* A user who is in need of one-on-one DIY assistance (seeker) goes to the home page of the site and can either search for what category of work they need help with, or pick a pre-populated popular category that is on the home page.
  + The user enters a category in the search bar.
    - If a category already exists, the user will be taken to a page with profiles tagged with that category.
    - If the category does not exist the user will be taken to a form to create a new category.
  + Once a user clicks on a profile to view, they will need to register with login name and password and fill out a form detailing what categories and skills they need help with.
    - * + They will enter on a calendar what times they are available to skype with seekers.
        + Finally they will upload an image for their profile.
      * A user who wants to offer one-on-one help (expert) goes to the home page and clicks on the link in the nav bar that says ‘register as an expert.’
        + They are then taken to the expert registration page and are prompted to fill in the category(s) they are an expert in, as well as the subset of skills for each category.
        + They will enter in their years of experience for each category as well as level of expertise.
        + They will enter in on a calendar what times they are available to skype with seekers.
        + Finally they will upload an image for their profile.
* When a seeker finds an expert profile that matches their requirements – category/skill/availability, there needs to be a messaging system where the two can arrange to ‘meet.’

**Non-functional requirements.**

* Performance. It’s difficult to be more specific than to say that it shouldn’t take so long to for example - populate a page of profiles that a user would get bored or frustrated and leave the site.
* I don’t think I’ll have time to make the site fully mobile responsive, but I’ll build the page using bootstrap, flexbox and css grid so that in the future it will not be too difficult to make the site mobile responsive.