**Novelty of the Proposed Project as Compared to Past Project**
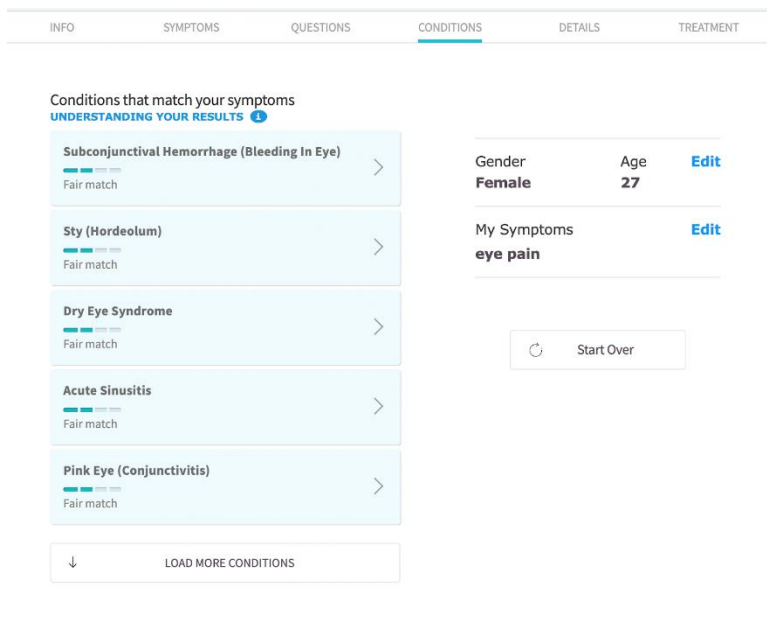
Hospitals' websites usually have a search engine for the patients to search for the doctors they want. However, these tools are assuming that patients have knowledge on the kind of disease they are having or the specialties of the doctors that they should go to. Take the popular search engine, which is Google as an example. When I type in "I am having a cough and flu", I don't get the list of doctors that I should go to, rather, I get explanations about my symptoms. The explanations can be helpful, but they don't serve the purpose of finding a doctor.



Another website that looks similar but doesn't accomplish what we do is WebMD at https://symptoms.webmd.com/. WebMD takes the user input, which is the symptom, and suggests disease associated with it, for example when I put "eye pain", WebMD would suggest "dry eye syndrome", and the associated treatment. However, the tool doesn't give me suggestions on the doctors that I should be seeing for my condition.

*Suggested disease from WebMD.*

*Suggested treatment from WebMD.*



Another website that is similar would be mayoclinic.org. The cons about Mayo Clinic website is that you would have to go through multiple tabs to search for the doctors that you need to see.



After you click on one of the search options, you are brought to another page where you can select the tab for doctors and appointments. The issue with this design is that it

requires patients to have at least some medical knowledge on their condition to be able to navigate the page to find the right doctor.



In summary, the most novel part of this project is to enable people without any medical knowledge to search for doctors based on their symptoms quickly.