

Revised Feature List - James Wissemann

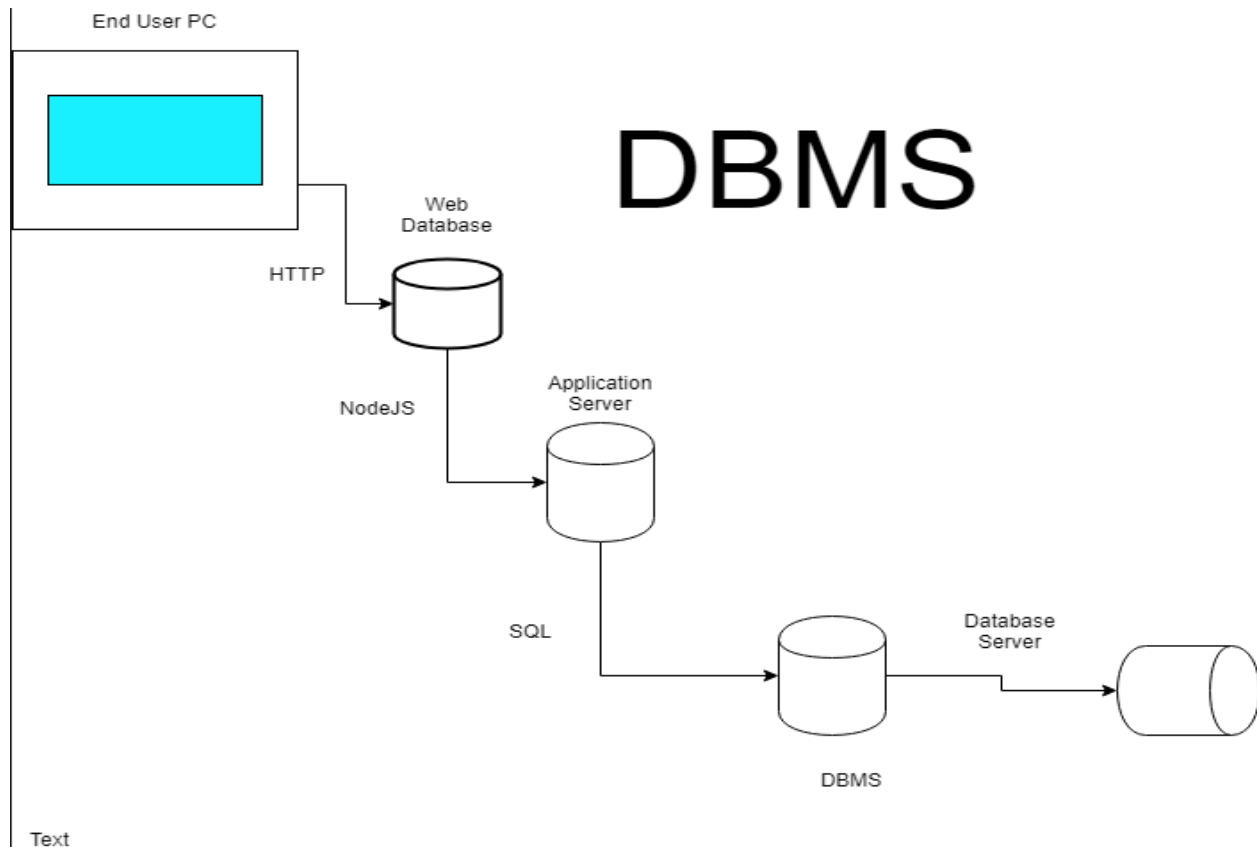
Functional Component

- Fields to input personal data such as name, birth date, etc.
- A selection array of physician-related problems that use keywords that enable us to sort users easily by their problems (ie physical abnormality or malady along with location and intensity)
- Profile and account settings page
- The page where you can browse Different doctors and compare ratings

Non-functional components

- The profile should be used in search results or doctor browsing to make results and browsing more relevant and reduce the time spent browsing
- Clean collapsing sidebar for navigation
- Integrated mapping of doctors with maps api
- Accessibility options
- Mobile portability

Architecture Diagram






Front-End Design - Holden & Caleb

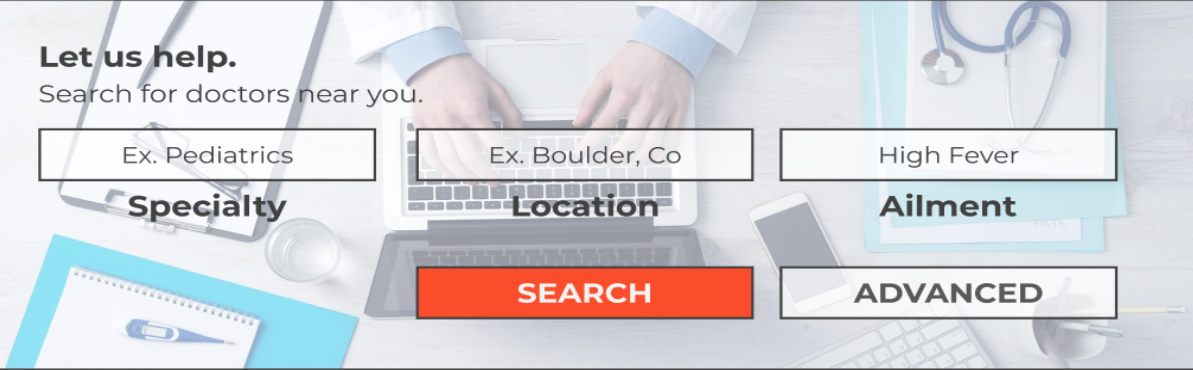
Complete by MileStone 4

For Future Milestones

Things We would like to implement:

- Rating System for Physicians
- User Friendly Layout and User Interface
- Favorite/Bookmark Physicians
- Search Functionality with parameters
- Validation of physician
- Flags for Doctor
- Google maps API
 - Pre-sorting Physicians
- Amazon Web Services
- Recommending system Layout
 - Completed
- Customer Profile setup
 - Optional for quick use
- Homepage
 - Quicksearch displayed here
 - Based on geolocation
- Related Docs
- Doctors Recommend Doctors

 **Doctor Details**  



Let us help.
Search for doctors near you.

Ex. Pediatrics

Specialty

Ex. Boulder, Co

Location

High Fever

Ailment


SEARCH

ADVANCED

Top Rated Doctors Near You:

John Johnson

Boulder, Colorado




John Johnson has a P.H.D. in podiatry from Harvard medical school, and ...

★★★★★

LEARN MORE

John Johnson

Boulder, Colorado




John Johnson has a P.H.D. in podiatry from Harvard medical school, and ...

LEARN MORE

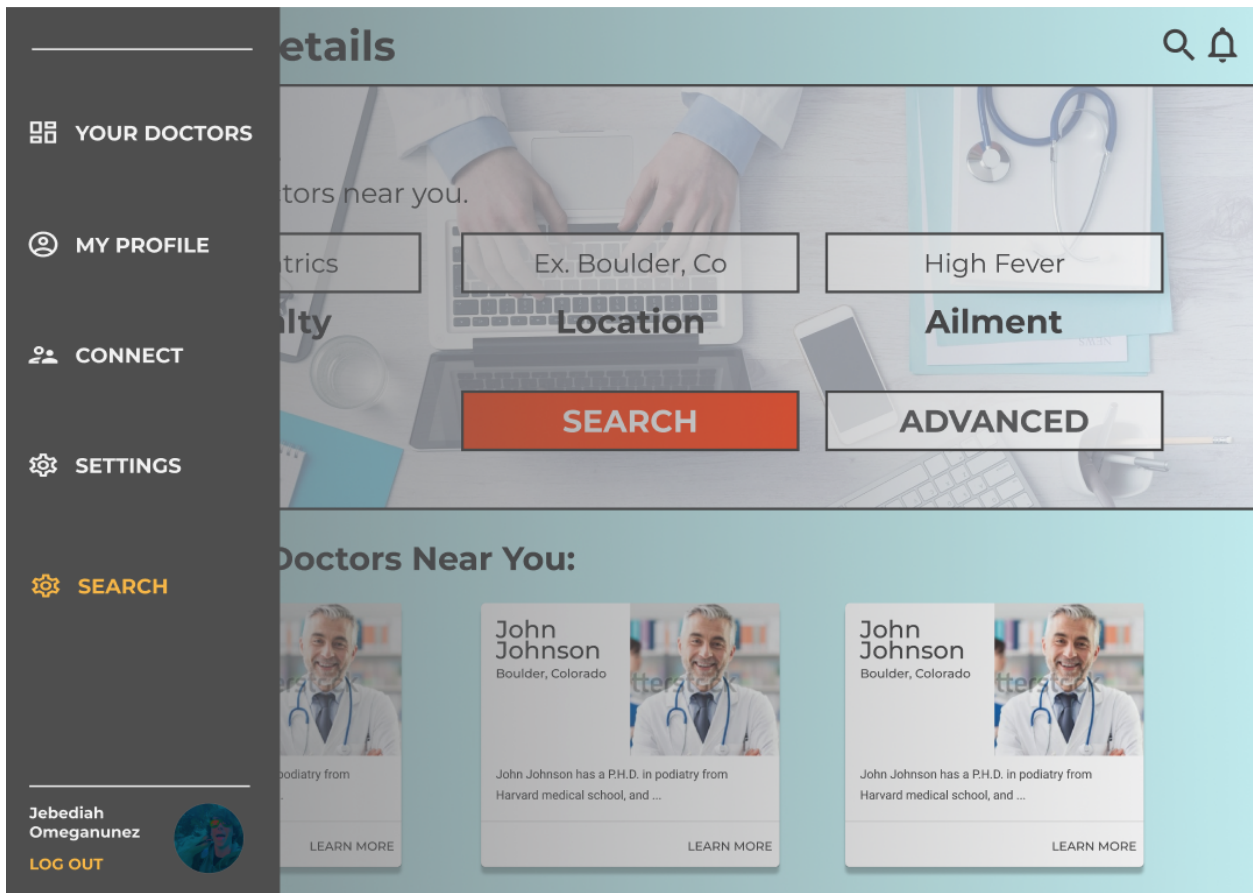
John Johnson

Boulder, Colorado



John Johnson has a P.H.D. in podiatry from Harvard medical school, and ...

LEARN MORE



Doctor Details



Specialty

Ex. Pediatrics

Location

Ex. Boulder, Co

Ailment

High Fever

Cost



Age



Years Experience



Proximity



Availability



Highest Rated Doctors in your Area

Subinfo

Sort by



John Johnson, PhD

Boulder, Colorado

John Johnson has a PhD in podiatry from Harvard medical school, and ...



230 Reviews, 10 peer recommendations

[LEARN MORE](#)



John Johnson, PhD

Boulder, Colorado

John Johnson has a PhD in podiatry from Harvard medical school, and ...



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Other Doctors in your Area

Sorted By Proximity

Sort by



John Johnson, PhD

Boulder, Colorado

John Johnson has a PhD in podiatry from Harvard medical school, and ...



230 Reviews, 10 peer recommendations

[LEARN MORE](#)

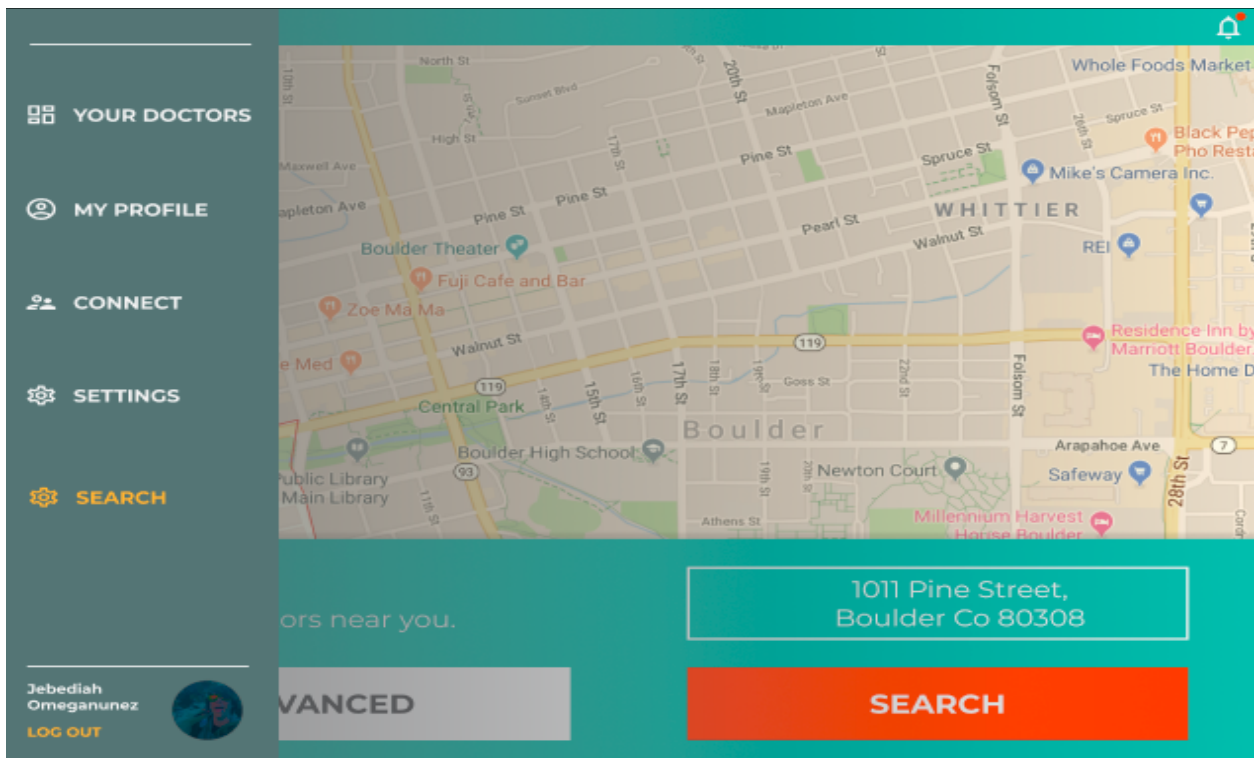
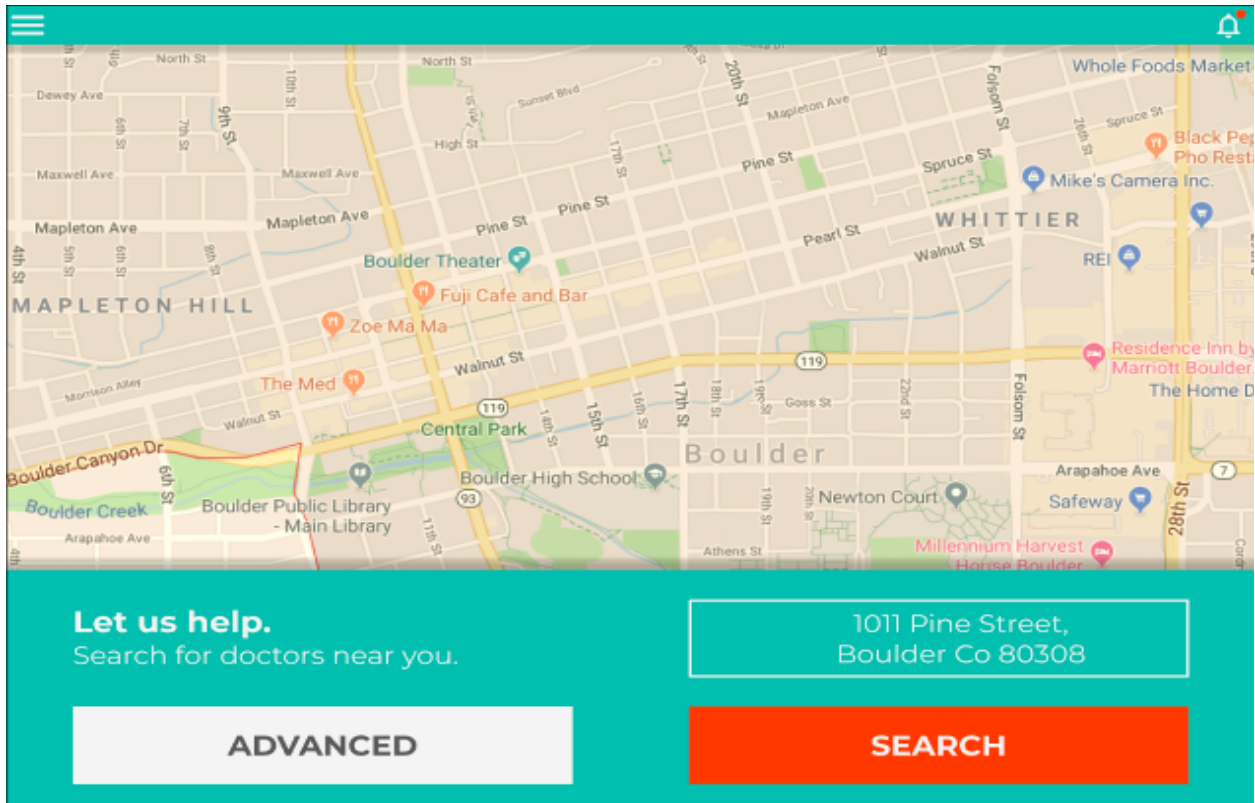


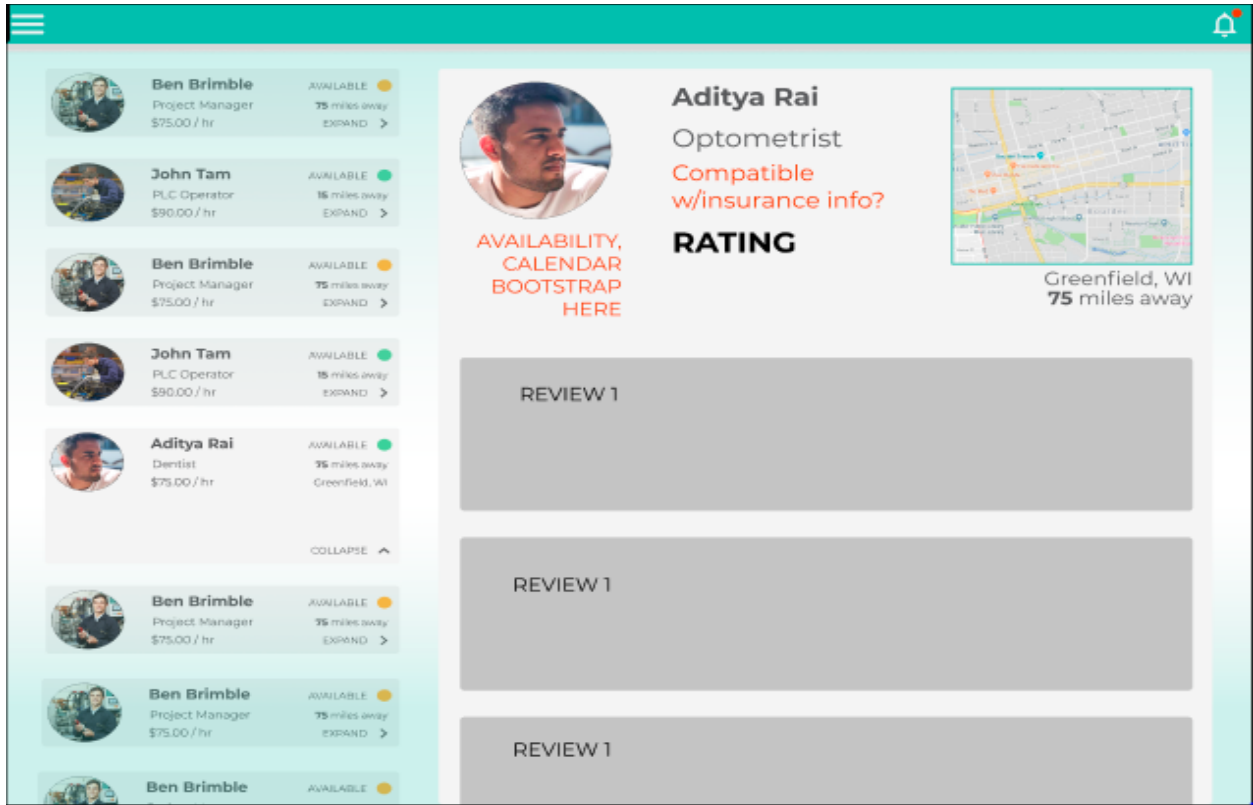
John Johnson, PhD

Boulder, Colorado

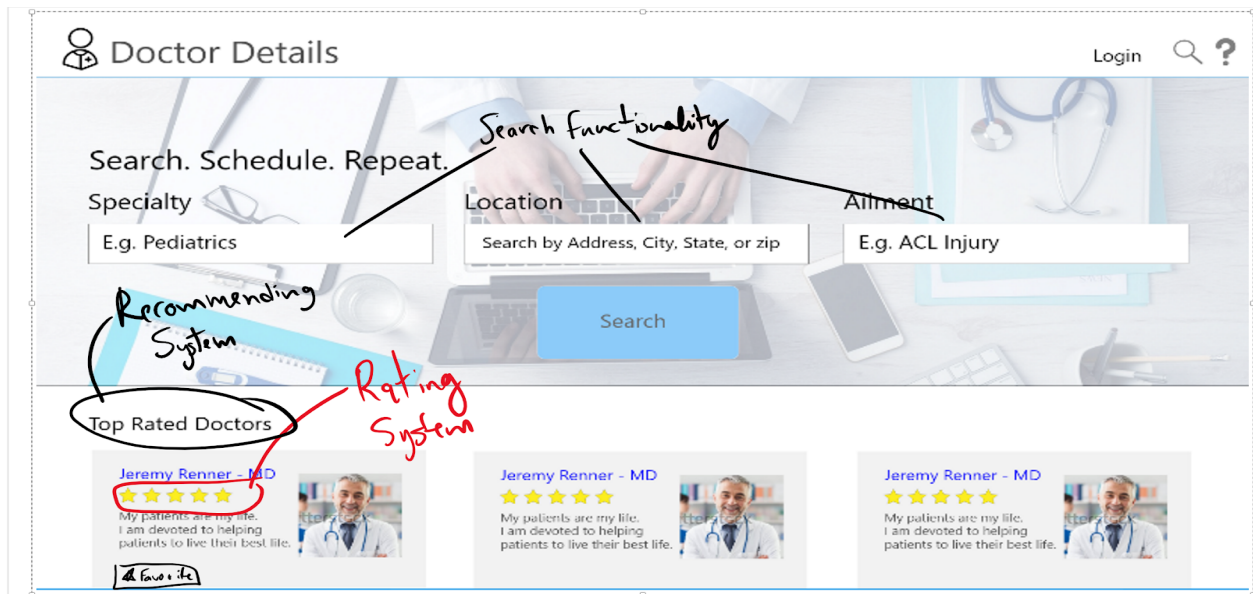
John Johnson has a PhD in podiatry from Harvard medical school, and ...

We like this page layout really user friendly, HOWEVER, it looks a little too much like a travel agent website










So We are going to give it more of a doctor-oriented feel but still try to preserve the user-friendliness.






Specialty	Location	Ailment
E.g. Pediatrics	Search by Address, City, State, or zip	E.g. ACL Injury
Cost ▼	Proximity ▼	Age ▼
Years Experience ▼	Availability ▼	

Highest rated docs in your area
Including 2 rating representative of best & worst ratings

Map View  Sort by 

 Jeremy Renner, PhD ★★★★★ Stanford Medical School	Jennifer L. 3-time patient ★★★★★ Dr. Renner is my all-time favorite doctor. Very caring & helpful.	Rob M. 2-time patient ★★★★★ Uncomfortable for me and my 18-year old daughter.
 Jeremy Renner, PhD ★★★★★ Stanford Medical School	Jennifer L. 3-time patient ★★★★★ Dr. Renner is my all-time favorite doctor. Very caring & helpful.	Rob M. 2-time patient ★★★★★ Uncomfortable for me and my 18-year old daughter.
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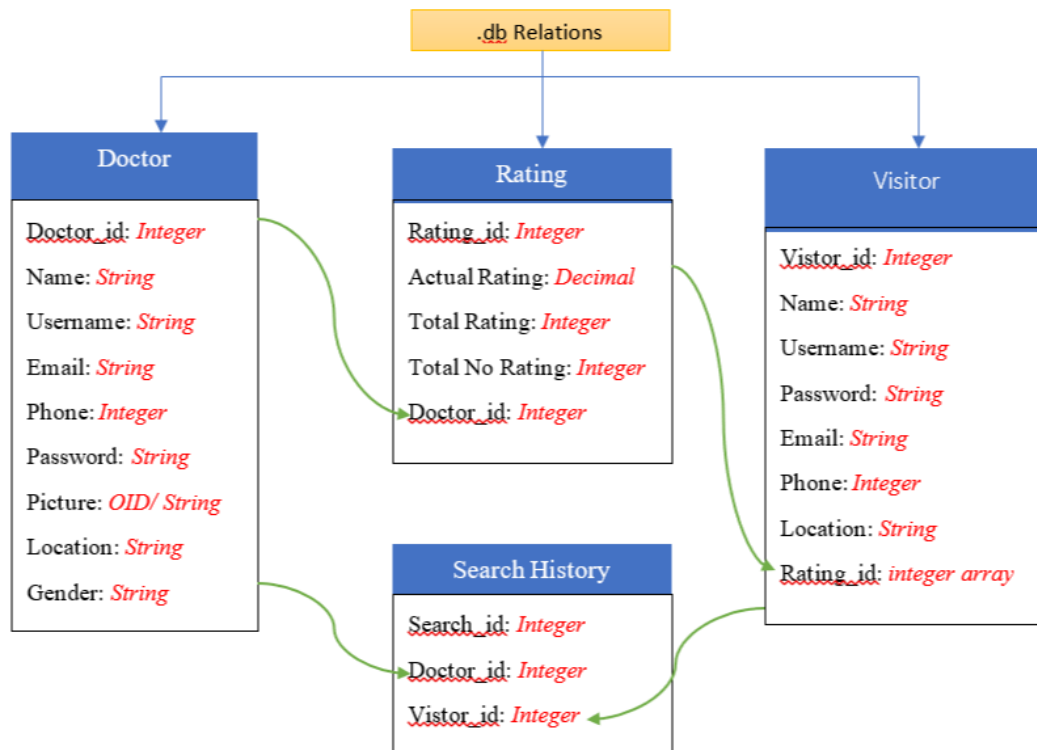
Other docs in your area
Sorted by proximity and rating by default

 Jeremy Renner, PhD ★★★★★ Stanford Medical School	Jennifer L. 3-time patient ★★★★★ Dr. Renner is my all-time favorite doctor. Very caring & helpful.	Rob M. 2-time patient ★★★★★ Uncomfortable for me and my 18-year old daughter.
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Web Service api

- Google maps api
- Amazon Web Services - hosting images/data
- Twitter/facebook api for social media integration
- Sign in with google account
- Sidebar API

Back End Design



Due to the scope of this project we will start of whit making these tables as functional as possible. Later on, we will work in making other tables and adding to the database in order to enhance the user experience. We will be using PostgreSQL, to creates and manipulates our database.

The medsit database will supporters two types of users, the doctors/ nurse practitioners, and the visitors. It is assumed that a visitor will not have doctor qualification and will have no need to have a doctor profile. However, this can not be asuumber for a doctor he/she may at some time want to perform a search of their own for personal reasons and may not want to have to contact other doctors under their business account. For this reason, there will be additional information asked at registration to allow them the option of performing searches not under there official title.

**Items that are in red we know will need calculation to be done.*

Things that will be inputted into the website

- Name of Dr
- Name of Visitor
- Username doctor
- Username Visitor
- Password doctor
- Password visitor
- Phone number doctor

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> • Phone number visitor • Email doctor • Email visitor • Doctor location • Visitor location • Picture dr • Picture visitor • Gender | <ul style="list-style-type: none"> • Specialty of doctor • Ailment • Cost • Birthday of doctor • Birthday of visitor • Visitor given rating • Experience history Dr | <ul style="list-style-type: none"> • Medical history visitor • Proximity • Availability • Years of experience • Review given by a visitor |
|---|--|--|

Things that will be outputted by the website

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> • Name of Dr • Name of Visitor • Username doctor • Username Visitor • Password doctor • Password visitor • Phone number doctor • Phone number visitor • Email doctor • Email visitor | <ul style="list-style-type: none"> • Doctor location • Visitor location • Picture dr • Picture visitor • Gender • Specialty of doctor • Ailment • Cost • Birthday of doctor • Birthday of visitor • Visitor given rating | <ul style="list-style-type: none"> • Experience history Dr • Medical history visitor • Proximity • Availability • Years of experience • Review given by a visitor • Rating |
|---|---|---|

```

1
2 create database MEDSITE_db;
3
4 CREATE TABLE IF NOT EXISTS Doctors (
5     name VARCHAR(50) NOT NULL,           /* The Doctor's first & last name */
6     password_Dr VARCHAR(50),             /* the doctores password */
7     usernameDR VARCHAR(50) NOT NULL UNIQUE, /* there user name for prefoming there own searches*/
8     phone_number INTEGER,                /* there facilirty phone number */
9     email name VARCHAR(50) NOT NULL UNIQUE, /* there primary for of contact email */
10    picture not NULL,                     /* there photograph */
11    location VARCHAR(60),                 /* there facility location */
12    gender VARCHAR(5) not null,           /* there sex */
13    spacalty VARCHAR(50) NOT NULL         /* there given spacalty only one for now */
14 );
15
16 CREATE TABLE IF NOT EXISTS Ratings (
17     Actual_Rating DECIMAL,               /* there rating that is displaed */
18     total_rating INTEGER,                 /* total rating inorder to calc actual ratings */
19     total_num_rating INTEGER,             /* number of rating submissions to be used to calculation */
20     Docter_id INTEGER,                   /* the id to assine the rating too */
21 );
22
23 CREATE TABLE IF NOT EXISTS Visitor (
24     name VARCHAR(50) NOT NULL,           /* The visitor's first & last name */
25     username VARCHAR(50) NOT NULL UNIQUE, /* there user name for prefoming there own searches*/
26     password_visitor VARCHAR(50),        /* the doctores password */
27     phone_number INTEGER,                /* there primary phone number */
28     email name VARCHAR(50) NOT NULL UNIQUE, /* there primary for of contact email */
29     picture VARCHAR(120),                 /* there photograph */
30     location VARCHAR(60),                 /* a location to base the search around */
31     gender VARCHAR(5) not null,           /* there sex */
32     Rating_id INTEGER,                   /* unique rating for each doctor */
33 );
34
35
36 CREATE TABLE IF NOT EXISTS Search_History (
37     Visitor_id INTEGER,                   /* unique id for each visitor */
38     Docter_id INTEGER,                   /* the id to assine the rating too */
39     spachalty VARCHAR(50) NOT NULL,
40 );
41
42
43 INSERT INTO Doctors()
44 VALUES();
45
46 INSERT INTO Ratings()
47 VALUES();
48
49 INSERT INTO Visitor()
50 VALUES();
51
52 INSERT INTO Serach()
53 VALUES();

```