

Technical Challenge

Spec

Build a web application where:

The user can view doctors near to them.

- The user's location (lat/long) should be captured by the app.
- The user's captured location should be used to retrieve a collection of doctors nearby. Google Places API or another appropriate data source should be used.
- The user's location and the locations of the nearby doctors are plotted on a map.

The user can book an appointment at one of the nearby doctors.

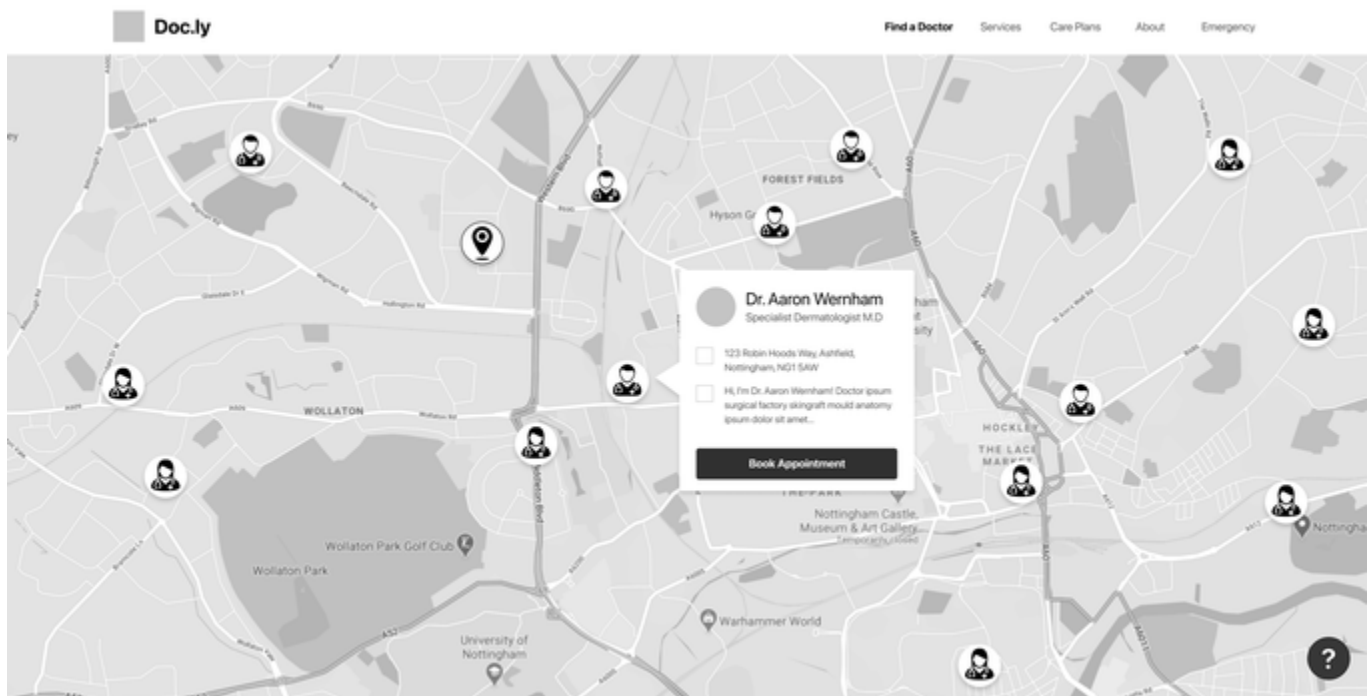
- On selecting a doctor on the map, the user is presented with an appointment booking form which requires them to enter their name, email address and preferred appointment time.
- On submitting the booking form a successful booking confirmation message is shown.

Guidance

- Our designer has attached wireframes to help guide what a solution could look like. Use Javascript (or Typescript) for the front-end, and any required technology for the backend.
- Add the source code to Github and provide instructions on how to access or run the application.
- Spend a maximum of 10 hours on the challenge. This exercise is for us to better understand how you approach solving a problem. If you don't get through everything in time, we can talk through how you might have tackled it when we go over your solution.
- Let us know how you would improve the application if you had a few weeks spare to work on it.

Wireframes

1. Find a Doctor



2. Book an appointment

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Book an appointment

Booking with...

Dr. Aaron Wernham

Specialist Dermatologist M.D

☐

123 Robin Hood's Way, Ashfield, Nottingham, NG1 5AW

☐

Hi, I'm Dr. Aaron Wernham! Doctor ipsum surgical factory skin graft mould anatomy ipsum dolor sit amet...

☐

Specialist on Doc.ly since 2018

☐

Rated 4.8 based on 1234 reviews

Please fill out the form below to create your appointment

Select a day and timestep

DD/MM/YYYY

12:00PM

Full name

Enter your full name

Email address

Enter your email address

NHS Number (optional)

This is the 10-digit number unique to you

Book Appointment

3. Appointment Confirmation

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Appointment booked

Thanks, you've made a booking with...

Dr. Aaron Wernham

Specialist Dermatologist M.D

☐

123 Robin Hood's Way, Ashfield, Nottingham, NG1 5AW

☐

DD/MM/YYYY

☐

12:00PM

We've sent a booking confirmation to the email address you provided.

Didn't receive an email?

Resend email

This work will remain the candidate's property and will not be reused or shared by Phlo.