

Auth - MojTermin - Laravel

This will be ongoing task while we learn Laravel

On the last task, we added a frontend where people can book into an appointment. That worked well, but now we've decided we want to make a change -- we will only let people book an appointment if they're logged in.

What needs to be built

1. Create a new migration that will update the users table. The migration should add a field named `user_type`.

By default, `user_type` field should be `patient`.

In the same migration, update the main doctor (our first user), to have email and password you'll know so you can login with the account (for updating the password, you can use `Hash::make('password-here')`). Also, set the `user_type` to `doctor` for this user only. Easiest to do this would be by using the DB facade.

Create a new migration that will update the appointments table. The migration should add a field named `patient_id`. This field will be a relationship to the `users.id` field so we know which patient created the appointment.

Well, why?

- We need to have at least one doctor (also acts as admin in our case) in our table. So we'll update the first user that was created with a migration earlier - setting the `user_type` field to `doctor`.

- We'll set the field `user_type` `patient` by default, so whenever a new user registers, they're a patient by default - and as such we don't have to worry about *accidentally* marking users as doctors.

2. Add routes for login/register and auth routes using [laravel authentication](#)
3. Make sure the register and login routes work
 - Login once with the doctor account
 - Register a new user account and make sure they're stored in our database
4. Protect the `/book-an-appointment` route (you might have a different name).

When a guest visits the route for booking an account and they're not logged in, they will be automatically redirected to the login page. See if you can add a message here "Please login or register to be able to book an appointment". Register and Login should be links to the appropriate pages.

When a logged in user creates an appointment, you should set the field `patient_id` to the authorized user id.

When a user visits the book an appointment route, if they have an appointment in the future (after today) - show them a note saying You're already booked in for [date]. This is just a

reminder for them, they can still book in another slot if they want to.

5. Make a new route, /home by default or perhaps rename it to /dashboard.

When a doctor visits this route, of course after making sure they're logged in, take all appointments the doctor has, and just show a list of the appointments on this page. A simple list will do for now.

```
<li>
    Ime: {{ $appointment->patient->name }}<br/>
    Kontakt:
    {{ $appointment->patient->phone }} {{ $appointment->patient->email }}<br/>
    {{ $appointment->appointment_date->format('Y-m-d H:i') }}
</li>
```

6. Add a new Dashboard link on the top navigation. Make this link visible only if a logged in user user_type is doctor.