

Installation

Requirements

Laravel Structure

Credits

Mockup and Wireframe

## Documentation

Doccure - Documentation

### Introduction

- Created on: March 2021
- Developed by: [Laith Al Enooz](#)
- Support via email: [laithalenooz@gmail.com](mailto:laithalenooz@gmail.com)

This website is built with Laravel 8.34 with Laravel Mix provides a clean build steps for the Laravel application. Mix supports several common CSS and JavaScript pre-processors. I have also added few reusable components which speedup the development.

### Project Information

I came up with the idea after going through the Pandemic, it made the hospitals crowded due to not booking appointments or getting consults on their current health condition and so on. It came to my mind that I should build a platform to make it easy for the patients and doctors to communicate and schedule appointments based on the condition online, I started by building the structure and figuring out which functionalities I need to make it a complete product.

### General Description

- A website made for scheduling appointments with Clinics, Doctors and Hospitals
- It was made and built by one developer from scratch
- The website has three types of users ("Admin", "Clinic/Doctor", "Patient")
- The Admin is the one who controls everything in the website, starting from users all the way to sensitive users details
- Clinic/ Doctor, those are the ones who will register through our websites and getting approved by the admins to share their expertise and services with patients
- Patients:
  - New patients can easily register
  - Simple Login and Register
  - Select the clinic services based on the categories
  - Select the city through keyword for view the nearest clinic
  - View all the nearest clinics
  - View the detailed information about the clinic, doctor and images
  - Check the availability and cost
  - Provide ratings and comments
  - Make the simple appointment process

### Main Goal

Create a safe environment by giving others the ability to schedule everything online without the need of going to a doctor or clinic and make the place crowded, by doing this it will lowers everyone's chance of getting infected by COVID-19 or any other disease.

### Frontend / Backend technologies

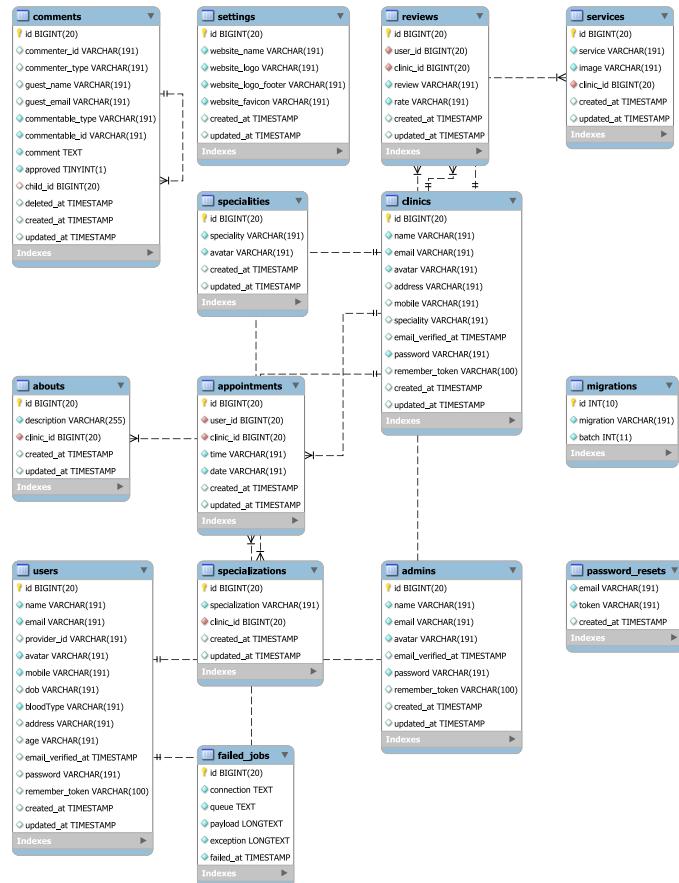
#### Backend

- [PHP | Laravel Framework](#)
- [Redis](#)
- [Docker](#)
- [MySQL](#)

## Frontend

- HTML5
- CSS3
- JavaScript
- Bootstrap

## Database Diagram



## Obstacles

In the beginning it was hard due to the lack of knowledge in the framework I was working on, I had to google a lot of things at first to figure out how to do things and so on, but eventually things have become more easy and my vision was clearer and made me become more productive in my graduation project.

## Security

My website has been through some security checks, making sure that the guards are working properly and each page matches the credentials it needs from users.

## Installation

Given below are the steps you need to follow, to install the Project on your system:

**Step 1:** Open the terminal in your root directory(project directory) & to install the composer packages run the following command:

```
composer install
```

**Step 2:** By running the following command, you will be able to get all the dependencies in your node\_modules folder:

```
npm install
```

**Step 3:** To run the project, you need to run following command in the project directory. It will compile the php files & all the other project files. If you are making any changes in any of the .php file then you need to run the given command again.

```
npm run dev
```

**Step 4:** To serve the application you need to run the following command in the project directory. (This will give you an address with port number 8000.) Now navigate to the given address you will see your application is running.

```
php artisan serve
```

To change the port address, run the following command:

```
php artisan serve --port=8080 // For port 8080  
sudo php artisan serve --port=80 // If you want to run it on port 80, you probably need to sudo.
```

**Watching for changes:** If you want to watch all the changes you make in the application then run the following command in the root directory.

```
npm run watch
```

**Building for Production:** If you want to run the project and make the build in the production mode then run the following command in the root directory, otherwise the project will continue to run in the development mode.

```
npm run prod
```

**Required Permissions:** If you are facing any issues regarding the permissions, then you need to run the following command in your project directory:

```
sudo chmod -R o+rwx bootstrap/cache  
sudo chmod -R o+rwx storage
```

## Create New Page

### How to add New Page:

Create New View with `blade.php` extenstion.

Create Controller for different methods related to page. (Optional. You can use default controller also.)

Set Path in `routes/web.php` file to serve the page on the browser.

Add page link to `resources -> layouts -> partials-> footer-scripts.blade.php, head.blade.php and header.blade.php` files to display menu item in sidebar/menu.

### Steps to add a new page:

**Step 1:** Create a file with the extension `blade.php` under the `resources -> views -> pages` directory. Let's create a

**Step 1:** Create a file with the extension .blade.php under the resources -> views -> pages directory. Let's create a testPage for an example with filename testPage.blade.php and placing the below code in that file.

```
@extends('layouts/contentLayoutMaster') // choose any one option {contentLayoutMaster/fullLayoutMaster}

@section('title', 'Content Layout') // change title accordingly

@section('content')

//page content

@endsection
```

**Step 2:** After creating file, you need to declare its route where it can be served on the browser, suppose you want created page to be serve on the route `http://localhost:8080/testPage`. To access this page define its routes in the `resources -> web.php` file.

```
Route::get('/testPage', function () {
    return view('pages/testPage');
});
```

After completing these above steps you need to run the command `npm run dev` or `npm run watch` command in the project directory. After running this process you need to run the command `php artisan serve`. It will serve your app on the localhost.

## Requirements

- PHP >= 7.2.5
- BCMath PHP Extension
- Ctype PHP Extension
- Fileinfo PHP extension
- JSON PHP Extension
- Mbstring PHP Extension
- OpenSSL PHP Extension
- PDO PHP Extension
- Tokenizer PHP Extension
- XML PHP Extension

## Laravel Structure

### Project Directory

```
|--app
|   |--console
|   |--Exceptions
|   |--Http
|   |--Providers
|--bootstrap
|   |--Cache
|--config
|--database
|--public
|   |--CSS
|   |--fonts
|   |--img
|   |--js
|--console
|   |--Exceptions
|   |--Http
|   |--Providers
```

```

|--resources
| --views
| --layouts
|   --partials
|     --footer-scripts.blade.php
|     --head.blade.php
|     --header.blade.php
|     --nav.blade.php
|   --mainlayout.blade.php
|--routes
| --api.php
| --channels.php
| --console.php
| --web.php
|--storage
|--tests
|--vendor
|--editorconfig
|--env
|--env.example
|--styleci.yml
|--artisan
|--composer.json
|--composer.lock
|--package.json
|--package-lock.json
|--phpunit
|--README.md
|--webpack.mix

```

## Credits

I used the following resources as listed. These are some awesome creation and I am thankful to the community.

Plugin	Link
Apex Charts	<a href="https://apexcharts.com/">https://apexcharts.com/</a>
Bootstrap	<a href="http://getbootstrap.com/">http://getbootstrap.com/</a>
Bootstrap colorpicker	<a href="https://farbelous.io/bootstrap-colorpicker/">https://farbelous.io/bootstrap-colorpicker/</a>
Bootstrap datepicker	<a href="https://bootstrap-datepicker.readthedocs.io/en/latest/">https://bootstrap-datepicker.readthedocs.io/en/latest/</a>
Bootstrap Max-length	<a href="http://mimo84.github.io/bootstrap-maxlength/">http://mimo84.github.io/bootstrap-maxlength/</a>
Bootstrap tag-input	<a href="https://bootstrap-tagsinput.github.io/bootstrap-tagsinput/">https://bootstrap-tagsinput.github.io/bootstrap-tagsinput/</a>
C3 Charts	<a href="https://c3js.org/">https://c3js.org/</a>
Chart.js	<a href="https://www.chartjs.org/">https://www.chartjs.org/</a>
Chartist	<a href="https://gionkunz.github.io/chartist-js/">https://gionkunz.github.io/chartist-js/</a>
Data Table	<a href="https://datatables.net/">https://datatables.net/</a>
Dropify	<a href="https://github.com/JeremyFagis/dropify/">https://github.com/JeremyFagis/dropify/</a>
Dropzone	<a href="https://www.dropzonejs.com/">https://www.dropzonejs.com/</a>
FontAwesome	<a href="https://fontawesome.com/">https://fontawesome.com/</a>

Full Calendar	<a href="https://fullcalendar.io/">https://fullcalendar.io/</a>
Jquery	<a href="https://jquery.com/">https://jquery.com/</a>
Moment js	<a href="https://momentjs.com/">https://momentjs.com/</a>
Morris.js	<a href="http://morrisjs.github.io/morris.js/">http://morrisjs.github.io/morris.js/</a>
Popper Js	<a href="https://popper.js.org/">https://popper.js.org/</a>
Raphael	<a href="http://dmitrybaranovskiy.github.io/raphael/">http://dmitrybaranovskiy.github.io/raphael/</a>
Select 2	<a href="https://select2.org/">https://select2.org/</a>
Summernote	<a href="https://summernote.org/">https://summernote.org/</a>

## Mockup

**Features**

**DOCURE** Home Doctors Patients Pharmacy Pages Blog Admin Contact +1 800 888 8888 LOGIN / SIGNUP

INTRODUCING PRIME DOCTORS

Hassle-free appointments with Prime Doctors

Book Now

Find a Pharmacy Enter your location / Pincode

What are you looking for?

Visit a Doctor Find a Pharmacy Find a Lab

### Clinic and Specialities

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Urology

Neurology

Orthopedic

Cardiologist

Dentist

Urology

# PHARMACY

DOCCURE
Home
Doctors
Patients
Pharmacy
Pages
Blog
Admin

Blog / Blog
Blog Grid

Dr. Ruby Penn  
4 Dec 2019  
Doccure - Making your clinic painless visit!

Dr. Deanne Bidler  
3 Dec 2019  
What are the benefits of Online Doctor Booking?

Dr. Deborah Angel  
3 Dec 2019  
Benefits of consulting with an Online Doctor

Dr. Isabella Elmer  
3 Dec 2019  
5 Great reasons to use an Online Doctor

Dr. Marvin Campbell  
1 Dec 2019  
Online Doctor Appointment Scheduling

Dr. Katherine Bentfolk  
30 Nov 2019  
Simple steps to make your doctor visits exceptional!

Dr. Linda Tolbin  
28 Nov 2019  
Choose your own Online Doctor Appointment

Dr. Paul Richard  
25 Nov 2019  
Simple steps to visit your doctor today

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- What are the benefits of Online Doctor Booking?  
3 Dec 2019
- Benefits of consulting with an Online Doctor  
3 Dec 2019
- 5 Great reasons to use an Online Doctor  
3 Dec 2019
- Online Doctor - Appointment Scheduling  
1 Dec 2019

Blog Categories

Cardiology	(62)
Health Care	(37)
Nutrition	(41)
Health Tips	(16)
Medical Research	(96)
Health Treatment	(37)

# BLOG

Patient Register

Are you a Doctor?

[Signup](#)

Already have an account?

Or
F Login
G Login

Login Doccure

[Login](#)

Forgot Password ?

Or
F Login
G Login

Don't have an account? [Register](#)

**LOGIN** **REGISTER**

# ADMIN PAGES

This screenshot shows the 'Appointments' section of the DocCure admin interface. It lists four patient appointments with their names, appointment times, locations, and contact information. Each appointment has three status buttons: 'View', 'Accept', and 'Cancel'. On the left, a sidebar menu includes 'Dashboard', 'Appointments' (which is selected), 'My Patients', 'Schedule Timings', 'Invoices', 'Reviews', 'Message', and 'Profile Settings'.

## APPOINTMENTS

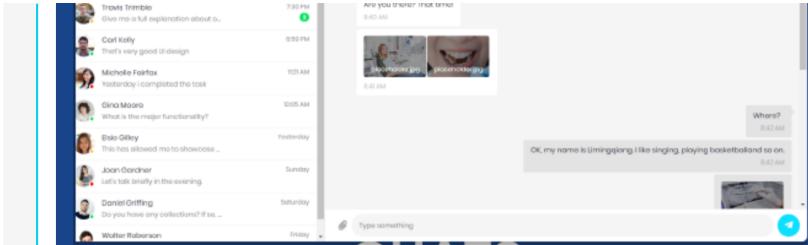
This screenshot shows the 'Dashboard' section of the DocCure admin interface. It displays a grid of medical records with columns for 'Doctor', 'Appt Date', 'Booking Date', 'Amount', 'Follow Up', and 'Status'. Each record has 'Print' and 'View' buttons. On the left, a sidebar menu includes 'Dashboard', 'Favourites', 'Message', 'Profile Settings', 'Change Password', and 'Logout'.

## DASHBOARD

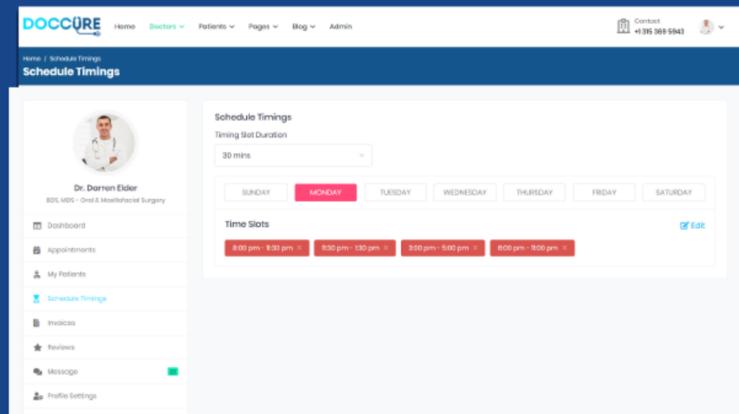
This screenshot shows the 'Favourites' section of the DocCure admin interface. It displays a grid of doctor profiles with their names, availability, and contact information. Each profile has 'View Profile' and 'Book Now' buttons. On the left, a sidebar menu includes 'Dashboard', 'Favourites' (which is selected), 'Message', 'Profile Settings', 'Change Password', and 'Logout'.

## FAVOURITES

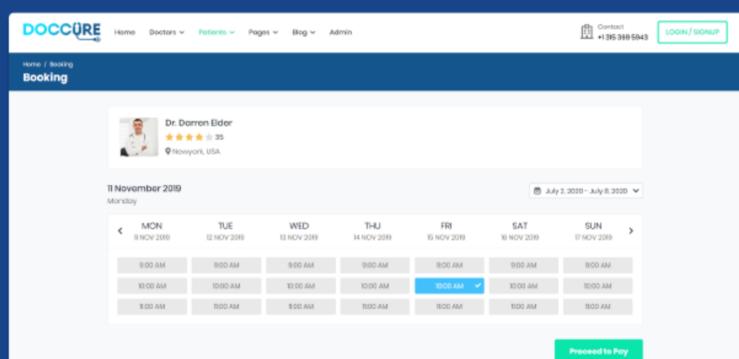
This screenshot shows the 'Chats' section of the DocCure admin interface. It lists recent messages from patients, including their names and messages. On the right, there is a text input field with placeholder text 'Hello. What can I do for you?'. On the left, a sidebar menu includes 'Dashboard', 'Favourites', 'Message' (which is selected), 'Profile Settings', 'Change Password', and 'Logout'.



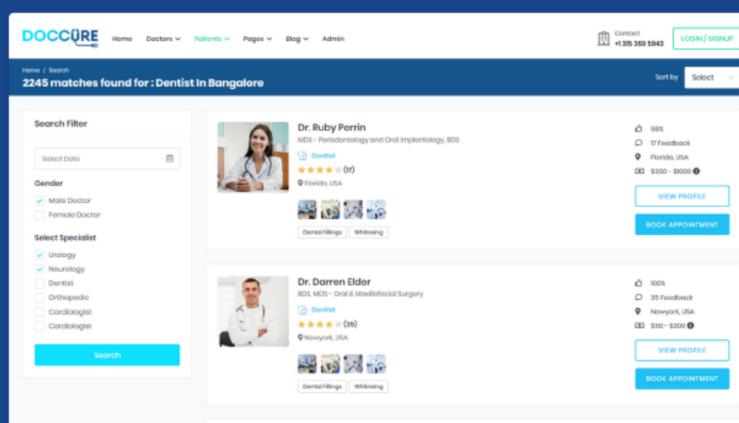
CHATS



# SCHEDULE



## BOOKING



# SEARCHING