

Coding Academy By Orange

Masterpiece project Documentation



By: Mohammed Alagi

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Technical Documentation

Framework used to build the project

1) Laravel is a web application framework with expressive, elegant syntax. We believe development must be an enjoyable, creative experience to be truly fulfilling. Laravel attempts to take the pain out of development by easing common tasks used in the majority of web projects, such as authentication, routing, sessions, and caching.

Laravel aims to make the development process a pleasing one for the developer without sacrificing application functionality. Happy developers make the best code. Additionally, I used HTML, CSS, Javascript, JQuery, and Bootstrap.

2) On the engineering side I used My university graduation projects to make all Engineering and Cost calculations and I mentioned the engineering resources that I used on my calculation on refrancese section page 26

Specifications

1- Public site

Landing page:

Header:

contain image slider

Body:

Categories: card slider Featured products Why choose us section

Footer:

Small about us, our vision, useful link, and contact information

Contact us:

Form with map and Let's get in touch section

About us:

The section talks about the company and numbers to prove it. Card's mission, vision, and our company

• Profile:

Contain information about the user, Order history and he can edit his profile

2-Admin site

Manage admins page:

Contains a form, table shows all the admins he can do the CRUD operation.

Manage user's page:

Contains a form, table showing all the users he can do the CRUD operation.

Manage categories page:

Contains a form, table showing all the categories he can do the CRUD operation.

• Manage articles page:

Contains a form, table showing all the articles he can approve and do the delete operation.

• Manage products page:

Contains a form, table show all the products he can do the CRUD operation

Testing cases

I tested all the websites step by step, starting from the home page to the checkout page.

Starting with login inputs:

- 1) wrong password with true email,
- 2) wrong password with the wrong email
- 3) true password with true email
- 4) true password with the wrong email
- 5)

On the check out page:

- 1) Try to proceed to check out without signing in
- 2) Try to proceed to check out without completing the billing information

Security

I used the <u>cross-site request forgery</u> (**CSRF**) token to prevent attacks by making it impossible for an attacker to construct a fully valid HTTP request suitable for feeding to a victim user. In addition to , all admin routes are protected by custom middleware which prevents customers and guests from entering the admin site and redirects them to the landing page

The user can't go to the admin site if he tries to go from the URL it will redirect him to
The login page

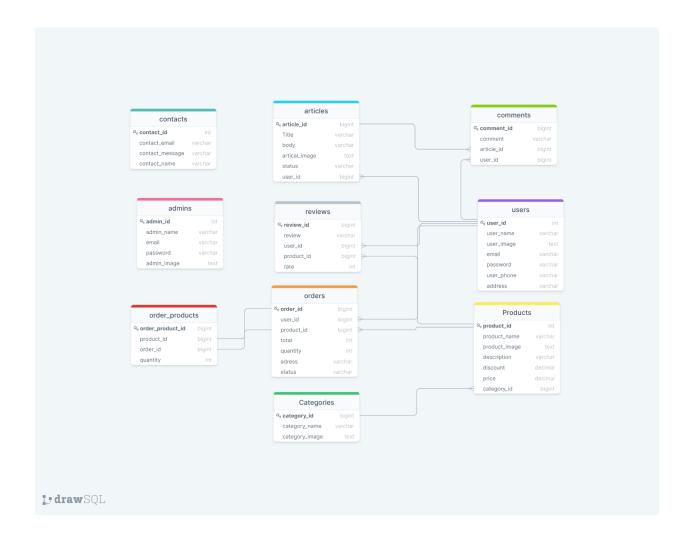
Work required research:

The authentication & authorization I searched in the <u>Laravel</u> documentation because I read a lot of resources I don't remember a specific article.

Class Diagram

Column1	Requirements	Users
1	User view Home page	Guest, Customer, Admin
2	User view Profile page	Customer
3	User Create Profile	Customer, Admin
4	User Update Profile	Customer, Admin
5	User Delete Profile	Admin
6	User Create Order	Customer
7	User Change Order State	Admin
8	User View Categories	Guest, Customer, Admin
9	User Create Categories	Admin
10	User Update Categories	Admin
11	User Delete Categories	Admin
12	User View Product	Guest, Customer, Admin
13	User Create Product	Admin
14	User Update Product	Admin
15	User Delete Product	Admin

Database Diagram:



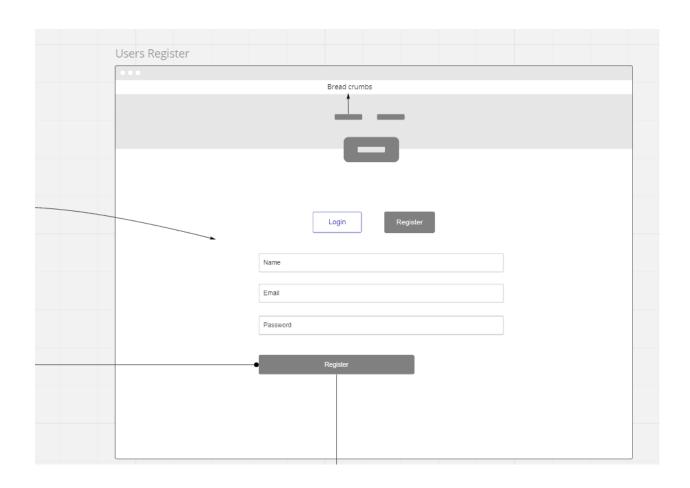
Wireframes

To see the wireframe clearly <u>here</u>.

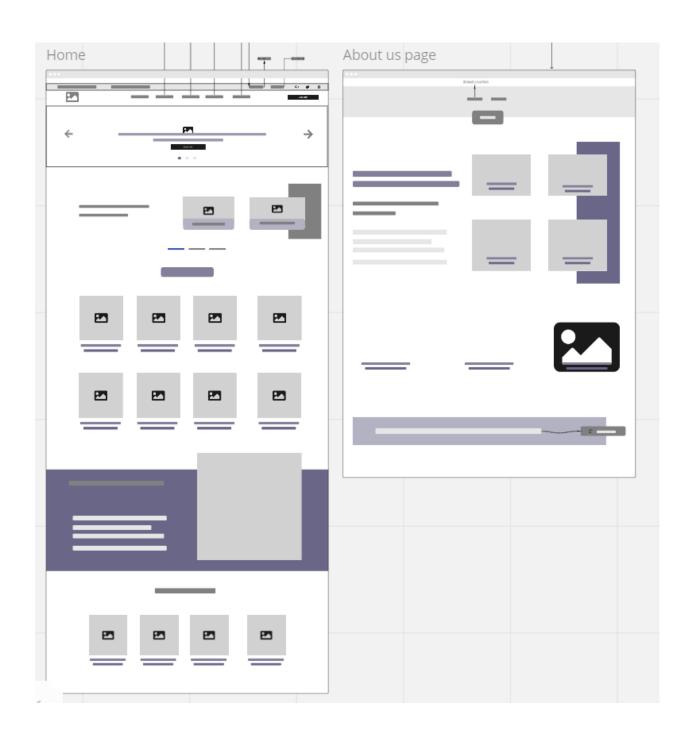
Login



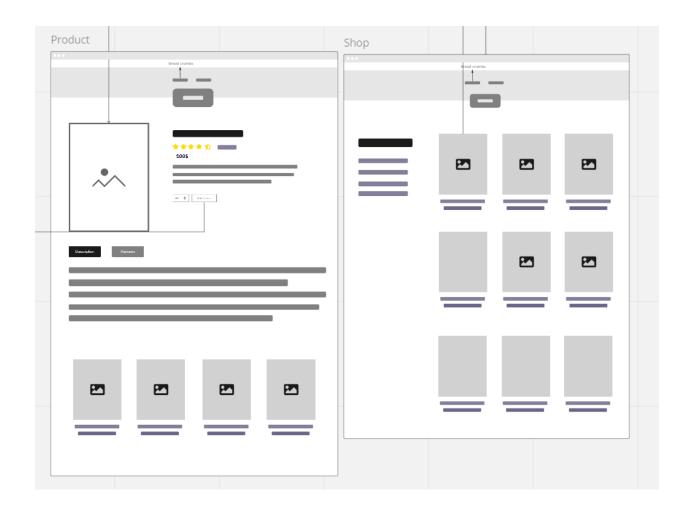
Register



Home & about



Shop & product details



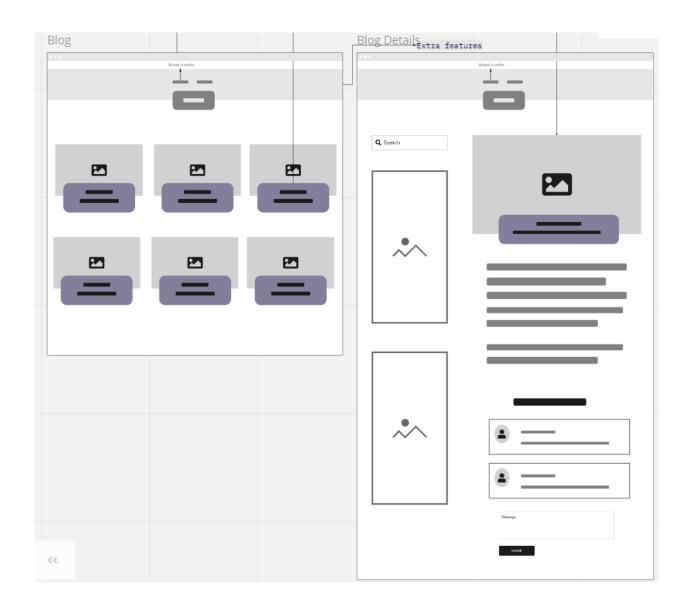
Header & Footer



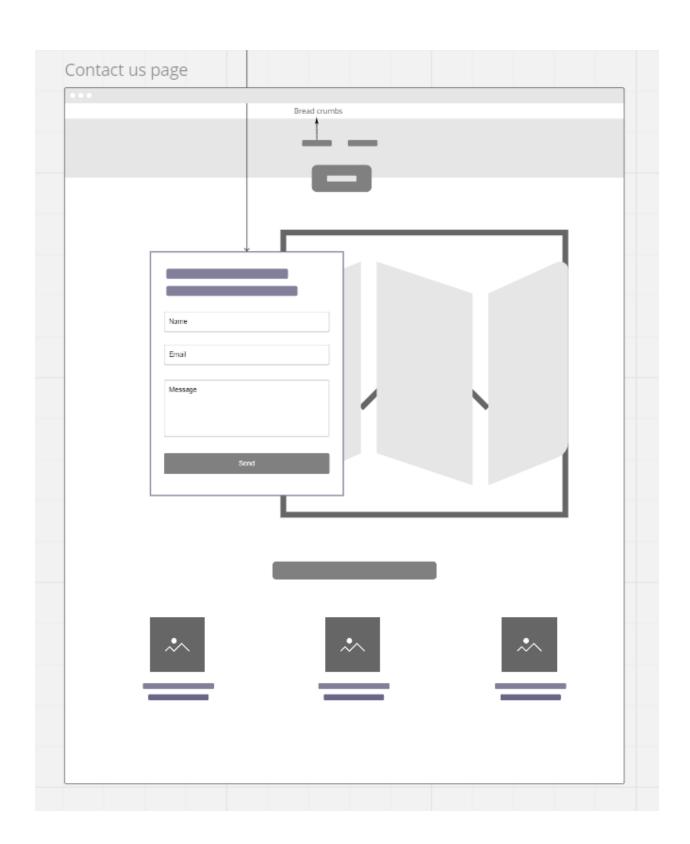
Cart & Checkout



Blog & Blog Details

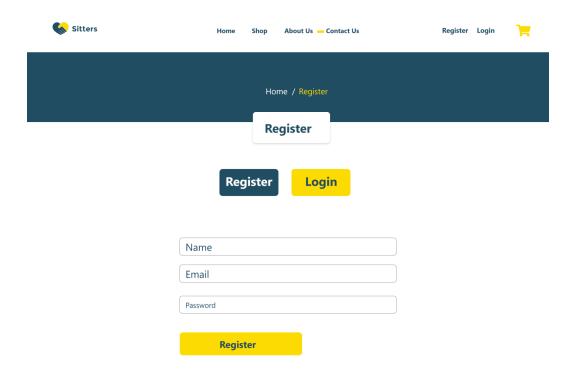


Contact Us



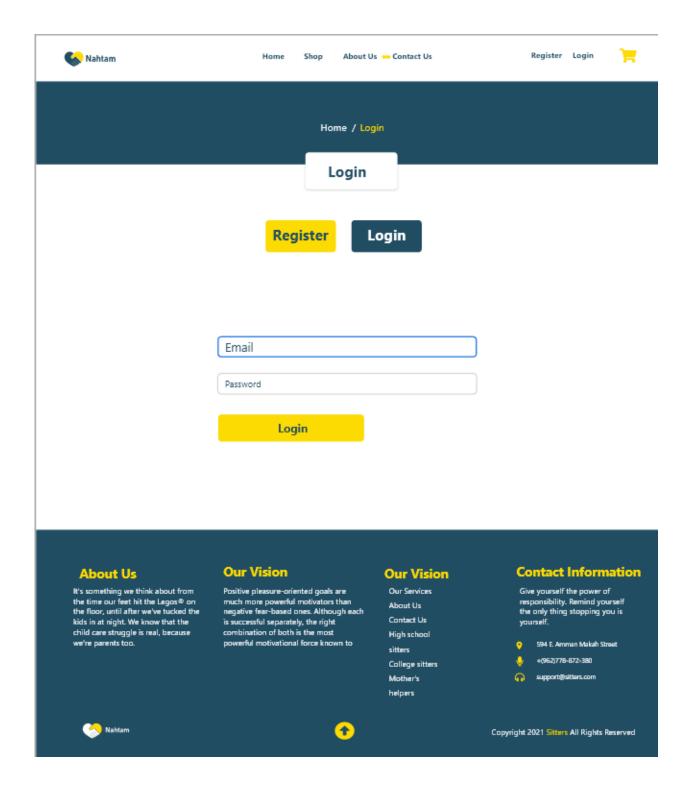
Mockup

Register





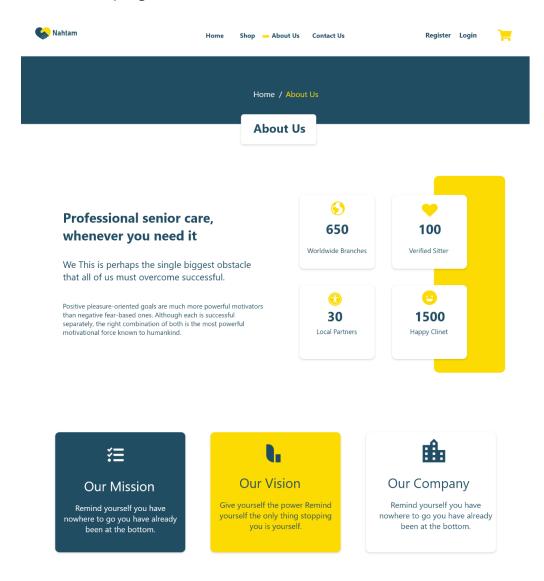
Login



Home page

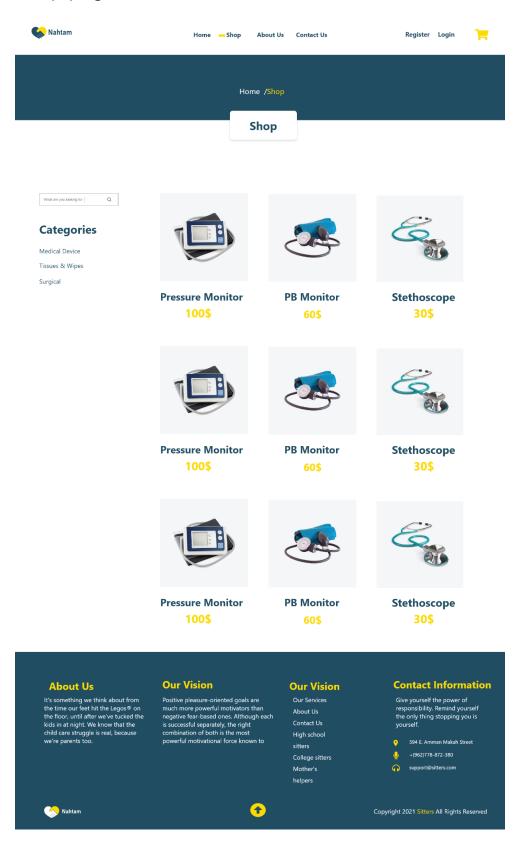


About Us page

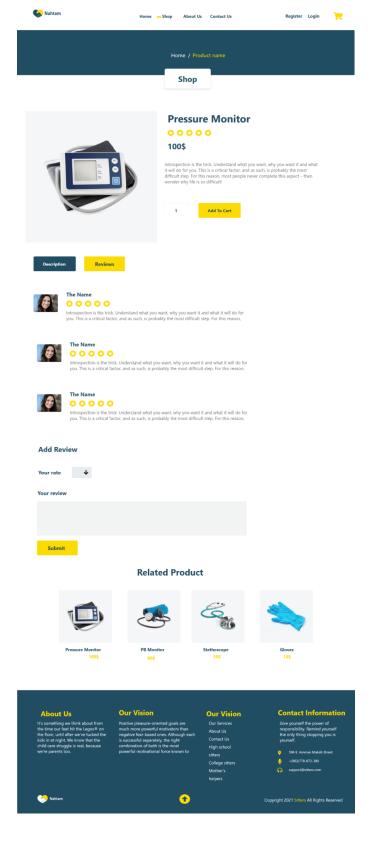




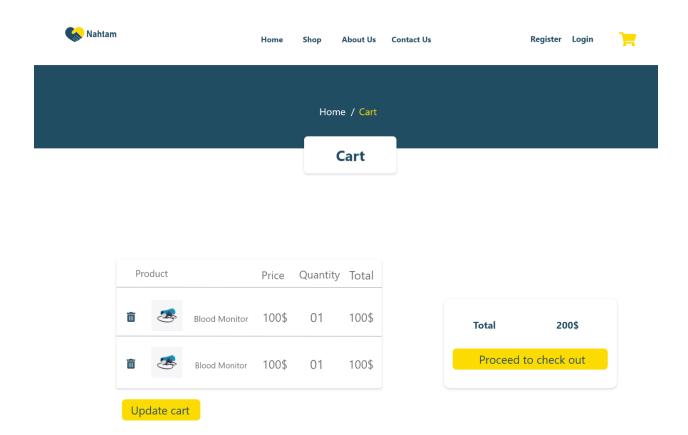
Shop page



Product Details page

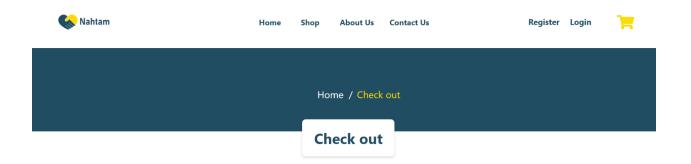


Cart page





Checkout page



Billing details Name Email Phone Address Anything else we should know

