

# DOCUMENTATION

AUGUST 25, 2024

- .env file set up

```
DB_CONNECTION=sqlite
# DB_HOST=127.0.0.1
# DB_PORT=3306
# DB_DATABASE=laravel
# DB_USERNAME=root
# DB_PASSWORD=
```

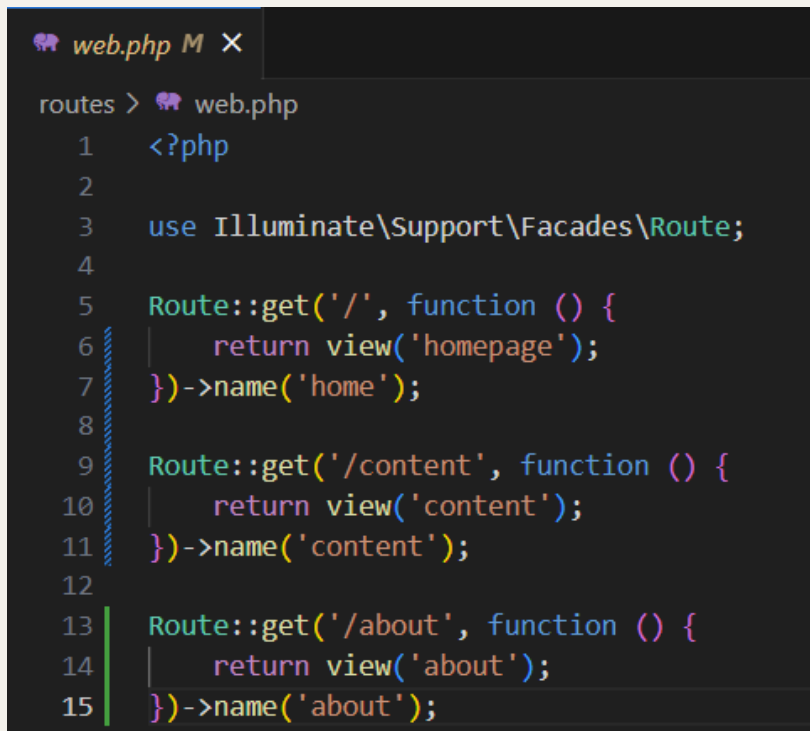
- 3 types of views (home, content, about)

```
homepage.blade.php U X
resources > views > homepage.blade.php
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Home - Fixie Website</title>
7   <link rel="stylesheet" href="{{ asset('css/styles.css') }}">
8 </head>
9 <body>
10  <header>
11    <div class="header-content">
12      <h1>Fixed</h1>
13      <nav>
14        <ul>
15          <li><a href="{{ route('home') }}">Home</a></li>
16          <li><a href="{{ route('content') }}">Content</a></li>
17          <li><a href="{{ route('about') }}">About</a></li>
18        </ul>
19      </nav>
20    </div>
21  </header>
22  <div class="content">
23    <h2>Content</h2>
24  </div>
25 </body>
26 </html>
```

```
content.blade.php U X
resources > views > content.blade.php
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Blog - Fixie Website</title>
7   <link rel="stylesheet" href="{{ asset('css/styles.css') }}">
8 </head>
9 <body>
10  <header>
11    <div class="header-content">
12      <h1>Fixed</h1>
13      <nav>
14        <ul>
15          <li><a href="{{ route('home') }}">Home</a></li>
16          <li><a href="{{ route('content') }}">Content</a></li>
17          <li><a href="{{ route('about') }}">About</a></li>
18        </ul>
19      </nav>
20    </div>
21  </header>
22  <div class="content">
23    <h2>Content</h2>
24  </div>
25 </body>
26 </html>
```

```
about.blade.php U X
resources > views > about.blade.php
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>about - Fixie Website</title>
7   <link rel="stylesheet" href="{{ asset('css/styles.css') }}">
8 </head>
9 <body>
10  <header>
11    <div class="header-content">
12      <h1>Fixed</h1>
13      <nav>
14        <ul>
15          <li><a href="{{ route('home') }}">Home</a></li>
16          <li><a href="{{ route('content') }}">Content</a></li>
17          <li><a href="{{ route('about') }}">About</a></li>
18        </ul>
19      </nav>
20    </div>
21  </header>
22  <div class="content">
23    <h2>Content</h2>
24  </div>
25 </body>
26 </html>
```

- create and run routes



```
web.php M X
routes > web.php
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4
5  Route::get('/', function () {
6      return view('homepage');
7  }->name('home');
8
9  Route::get('/content', function () {
10     return view('content');
11 }->name('content');
12
13 Route::get('/about', function () {
14     return view('about');
15 }->name('about');
```

- purpose of key directories and files

- 1.) **app:** contains the models, controller, and provider, etc.
- 2.) **bootstrap:** contains the files that bootstrap the configurations/settings.
- 3.) **config:** holds config files for the given files.
- 4.) **database:** contains the database of the ff folders (factories, migrations, seeders).
- 5.) **public:** this is where the assets are stored and is the root directory for the server.
- 6.) **resources:** contains the views, cs, js, etc.
- 7.) **routes:** contains the definitions of the route for the project.
- 8.) **storage:** holds the app, framework, logs, and cached files.
- 9.) **tests:** holds the tests/test cases for your proj.
- 10.) **vendor:** holds assorted dependencies.
- 11.) **.env:** environment where you can edit your configurations.
- 12.) **artisan:** interface for laravel.

- installation to navigation of pages

```
PS C:\Users\Administrator> cd herd
PS C:\Users\Administrator\herd> laravel new

  Laravel

What is the name of your project?:
> new-proj

Would you like to install a starter kit? [No starter kit]:
[none] No starter kit
[breeze] Laravel Breeze
[jetstream] Laravel Jetstream
> none

Which testing framework do you prefer? [Pest]:
[0] Pest
[1] PHPUnit
> 0

Would you like to initialize a Git repository? (yes/no) [no]:
> yes
```

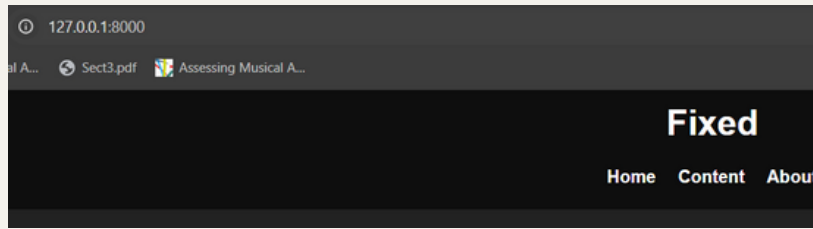
```
Which database will your application use? [SQLite]:
[sqlite] SQLite
[mysql] MySQL
[mariadb] MariaDB
[pgsql] PostgreSQL
[sqlsrv] SQL Server (Missing PDO extension)
> sqlite
```

resources > views	
Name	Date modified
about.blade	25/08/2024 4:51 pm
content.blade	25/08/2024 4:45 pm
homepage.blade	25/08/2024 2:53 pm
welcome.blade	19/08/2024 5:21 pm

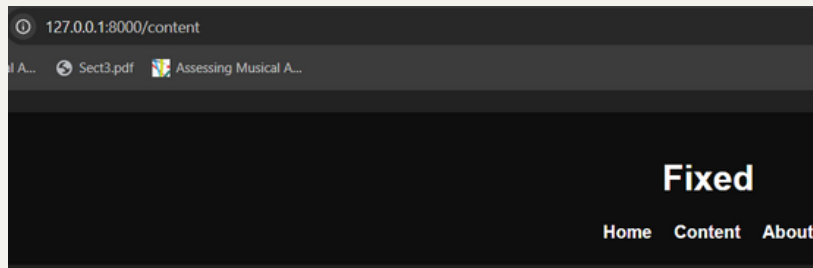
my-laravel-project > routes	
Name	Date modified
console	16/07/2024 7:39 am
web	19/08/2024 6:04 pm

```
INFO Server running on [http://127.0.0.1:8000].
Press Ctrl+C to stop the server
```

- home page (<http://127.0.0.1:8000>)



- content page (<http://127.0.0.1:8000/content>)



- about page (<http://127.0.0.1:8000/about>)

