

# Healwire

## **PRODUCT DESIGN SPECIFICATION**

**Version 4.0**

**09 July 2021**

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## 1. **OVERVIEW**

Healwire is a PHP powered online medical store built and optimised using Laravel (7.3) framework to offer the most convenient way of dispensing medicines to customers. No more queuing in front of medical shops and no more missed deliveries. You will get the prescribed medicines right at your doorstep through smart delivery services.

The store incorporates a user-friendly and visually pleasing layout with responsive navigation, making it very much workable and accessible even for non-tech – savvy people. The whole process of order placing and processing is simple and trouble-free, increasing your conversions giving you more of what you want out of your website. If you are unsure of your medicinal prescription, simply upload the image or scanned copy of your prescription. Your cart will be updated with prescribed medicines by the pharmacist on the admin side. Or else you can browse for medicines by brand or trade name using the Search bar and add it to your cart. All relevant details regarding the drug-like active ingredients, drug type, warnings, alternate medicines, and usage directions will be made available to you before the order placement.

Healwire comes with a powerful admin panel with enough features to handle any possible backend operation. Give the right drug, in the right dose, to the right person, at the right time and in the right way through Heal Wire.

## 2. **FEATURES**

- The simplistic responsive design developed using SASS.
- Email templates for multiple basic operations.
- Easy installation process similar to the famous WordPress 5-minute install.
- Interactive Admin Theme.
- Alternative medicine suggestions.
- One-click option to upload a medicine list.

## 3. **SERVER REQUIREMENTS**































- PHP >= 7.2
- MCrypt PHP Extension
- Fileinfo Extension
- GD Library (>=2.0) ... or ...
- Imagick PHP extension (>=6.5.7)
- PHP extension mod\_rewrite enabled

- PHP extension php\_zip enabled
- PHP extension php\_xml enabled
- Mysql

## 4. INSTALLATION

4.1. Copy the downloaded product on a folder on your local server

4.2. Unzip the file, and you will be able to see a list of folders like in the image below

	app	09-07-2021 10:26	File folder	
	bootstrap	09-07-2021 10:26	File folder	
	config	09-07-2021 10:53	File folder	
	database	09-07-2021 10:26	File folder	
	Documents	09-07-2021 10:53	File folder	
	public	09-07-2021 10:53	File folder	
	resources	09-07-2021 10:26	File folder	
	routes	09-07-2021 10:53	File folder	
	Sql Dumps	09-07-2021 10:53	File folder	
	storage	09-07-2021 10:26	File folder	
	stubs	09-07-2021 10:26	File folder	
	tests	09-07-2021 10:26	File folder	
	.editorconfig	09-07-2021 10:26	EDITORCONFIG File	1 KB
	.env	09-07-2021 10:53	ENV File	1 KB
	.gitattributes	09-07-2021 10:26	Text Document	1 KB
	.gitignore	09-07-2021 10:53	Text Document	1 KB
	.htaccess	09-07-2021 10:26	HTACCESS File	1 KB
	.rnd	09-07-2021 10:53	RND File	1 KB
	.styleci.yml	09-07-2021 10:26	YML File	1 KB
	artisan	09-07-2021 10:26	File	2 KB
	composer.json	09-07-2021 10:53	JSON File	2 KB
	composer.lock	09-07-2021 10:53	LOCK File	336 KB
	index	09-07-2021 10:26	PHP File	2 KB
	package.json	09-07-2021 10:26	JSON File	2 KB
	package-lock.json	09-07-2021 10:26	JSON File	1 KB
	phpunit	09-07-2021 10:26	XML Document	2 KB
	prepros.config	09-07-2021 10:53	CONFIG File	24 KB
	README.md	09-07-2021 10:26	MD File	4 KB
	server	07-07-2021 18:59	PHP File	1 KB
	webpack.mix	09-07-2021 10:26	JavaScript File	1 KB

4.2.1. Open any code editor and open the **.env** file from the folder structure. You will be able to see the file details mentioned below

```
APP_NAME=
```

```

APP_ENV=local
APP_KEY=base64:sYRA1Ys3lqKwWUZwAWDfZKB5tyHf32FRoR+pqzP4n+E=
APP_DEBUG=false
APP_URL=

LOG_CHANNEL=stack

DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=
DB_USERNAME=
DB_PASSWORD=

BROADCAST_DRIVER=log
CACHE_DRIVER=file
QUEUE_CONNECTION=sync
SESSION_DRIVER=file
SESSION_LIFETIME=120

REDIS_HOST=127.0.0.1
REDIS_PASSWORD=null
REDIS_PORT=6379

AWS_ACCESS_KEY_ID=
AWS_SECRET_ACCESS_KEY=
AWS_DEFAULT_REGION=us-east-1
AWS_BUCKET=

Client_ID=
Client_secret=

```

#### 4.3. Do the text alteration in .env file as mentioned below

##### 4.3.1. Replace app URL & app name like so

```

APP_URL=<application url> like https://xyz.com
APP_NAME=<display_name> like Healwire

```

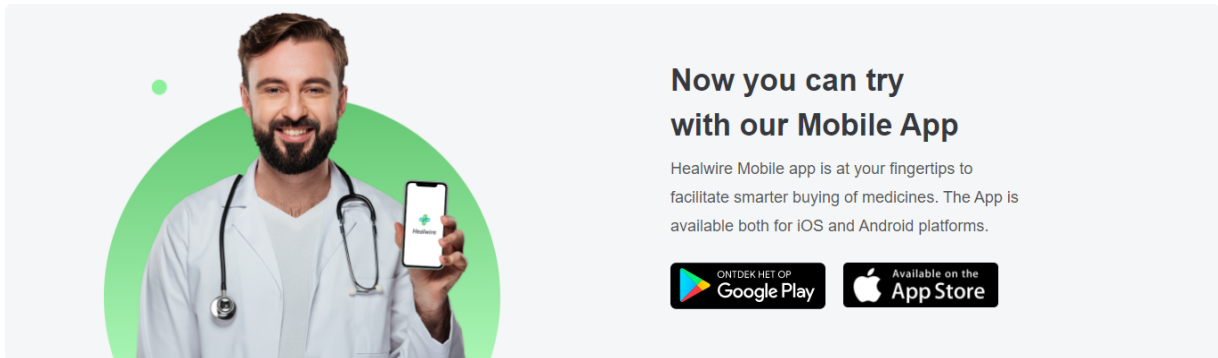
##### 4.3.2. Create a new database on your server and update the below details on the .env file

```

DB_CONNECTION=mysql
DB_HOST=#host ip
DB_PORT=#DB port
DB_DATABASE= #database name
DB_USERNAME=#database username
DB_PASSWORD=#database password

```

4.3.3. For getting apps while clicking on images showed in index pages and emails, as like below image,



you need to add an **android** and **IOS** application URL, from where they can find those applications. Example:- An ios user can find all applications from the **APP Store**, so if one ios user clicked on the **App Store** image it should get redirected to the application installation page in App Store. (as same for android user)

- Add the url to

```
ANDROID_URL=  
IOS_URL=
```

Example :-

```
ANDROID_URL=https://drive.google.com/file/d/1cbvMcZEyqOkAmvYUxVyltzO8Za4FihaO/view
```

4.4. Now open a command terminal from the product root folder and run the below commands one by one.

4.4.1. Run commands as order,

```
composer install  
composer dump-autoload
```

The above commands will help to load composer dependencies used for this product.

```
php artisan cache:clear  
php artisan config:clear  
php artisan config:cache  
php artisan optimize:clear  
php artisan storage:link
```

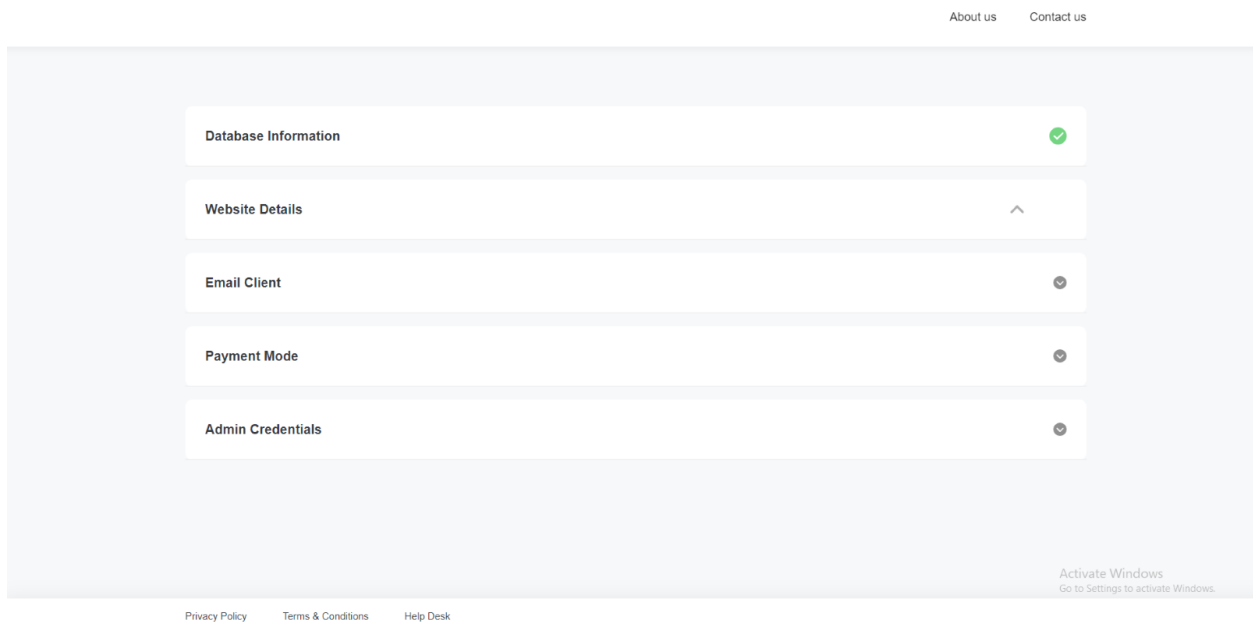
The above commands will help to clarify if there is any cache created. And will refresh the configuration cache.

**\*\*Migrations and seeders can be run only after completing the above-mentioned steps**

- 4.5. After completing all the steps mentioned above, you will be able to access the product URL. The next step is to set the database for the site for further process. For that, add/system-setup URL with site URL.

**Example: - <https://healwire-stage.webc.in/system-setup>**

- 4.6. Now you will be able to see the page displayed below. Follow the steps below to complete setup,



The screenshot shows a web application setup page. At the top right, there are links for "About us" and "Contact us". The main content area contains a list of five setup steps, each in a white box with a light blue border. The first step, "Database Information", is marked with a green checkmark. The second step, "Website Details", is marked with a grey upward arrow. The third, fourth, and fifth steps, "Email Client", "Payment Mode", and "Admin Credentials", are each marked with a grey downward arrow. At the bottom of the page, there are links for "Privacy Policy", "Terms & Conditions", and "Help Desk". In the bottom right corner, there is a Windows watermark that says "Activate Windows Go to Settings to activate Windows."

#### 4.6.1. **Database setup**

If you already have a migration (your database contains tables with data) you can't run this step.

- First, run the Migration. Then,
- Run the Seeders for Database creation.

Database Information

✓

Please use the below buttons once your database and database user credentials added on the .env file

Run Migration

Run Seeders

If you don't want to go through the database setup stages, simply import the SQL dump into your database. If you're doing a dump import, you can skip the steps above. The SQL dump can be found in the **SQL-dumps** folder.

- After completing the above steps
  - ❖ Run the below command

```
php artisan key:generate  
php artisan passport:install
```

After running the last command, copy the below details from the terminal and paste them to the **.env** file.

```
Client_ID=#replace with id  
Client_secret=#replace with secret
```

#### 4.6.2. Customise website details



Website Details

Customize your App

[Logo preview](#)

App Name

Healwire

Select Logo (Size 240px X 60px)

Choose File

Website URL

http://localhost/heal\_wire\_api

Address

Healwire India

Info Mail : (Customer request will be sent to this mail)

midhunraj@webandcrafts.com

Phone Number

999-99-99999

Currency

\$

Currency Position (before /after the Amount)

Before

Time Zone

UTC (default)

Default Discount Amount

10

This discount will be applied for each item

Update

Continue

#### 4.6.3. **Email setup**

Fill in the mail server details. This is mandatory for the website to work. For more details regarding supported mail drivers and configuration, refer to the following [documentation](#). Add configuration which will support **tls** encryption.

Email Client

Configure your email configuration, This is mandatory for the system to work

Mail driver

smtp

Mail Id(Mail will be sent from this account)

store@webandcrafts.com

From Address

store@webandcrafts.com

Mail Port

587

Mail Host

smtp.gmail.com

Password

\*\*\*\*\*

From Name

Healwire

UpdateContinue

After completing the email configuration, you will get a pop-up for testing your configuration. You can enter either one valid email address or multiple email addresses (you can enter upto 3 emails at a time) with comma separated (as like [example@gmail.com](#), [example1@gmail.com](#)). If the configuration is valid then you will get a success message then you can check your email inbox. If you got an error message you need to recheck your configurations.

#### 4.6.4. **Admin setup**

Create an admin for your site to handle the all over backend functionality. Once you have successfully configured the server, you can access the admin panel by adding /admin-login with the current site URL.

Here you can create multiple admins with unique names (name should be unique, admin can login by using their username & password).

If you try to create an admin with the same email address, it will update the details only like password and username.

Example:- <https://healwire-stage.webc.in/admin-login>

Admin Credentials

Create the site admin here

Email

Admin's Email

User Name

siji@webandcrafts.in

Password

.....

Re-enter Password

re enter password

Done

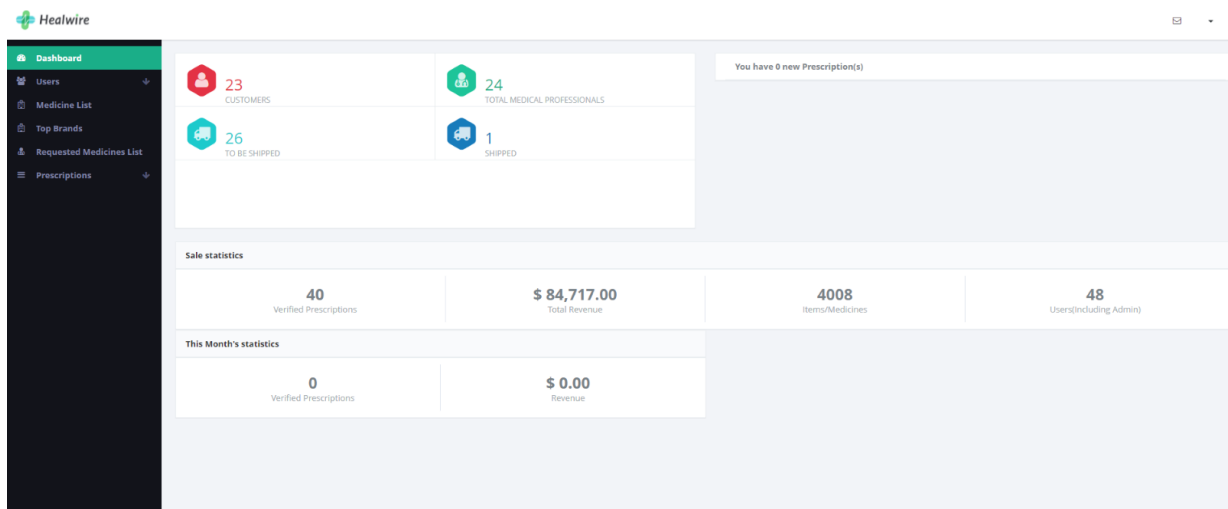
## 5. PROJECT INTERFACES

### 5.1. ADMIN PANEL

Basic administration of the website is done from the end. Following are the functionalities currently available.

#### 5.1.1. Admin Dashboard

- Basic information related to web-app like user information, stock, sales statistics and Shipping status.



#### 5.1.2. Medicine Management

- Medicines List

- Add, edit or delete medicines (CRUD operations)
- Upload medicine list (will take time as per document size).

- **Requested Medicines List**

- The view requested medicine list

#### 5.1.3. **User Management**

\_\_\_\_\_ Can toggle user's status, like inactive or active users.

- **Customers**:- Can find people under customers who registered as customers.
- **Medical Professionals**:- Can find people under customers who registered as Medical Professionals.

#### 5.1.4. **Cart Management**

- Verification of cart requested by customers
- Updating the cart with items along with shipping cost
- Sending updated carts to the customers and medical professionals

#### 5.1.5. **Invoice Management**

- Creating Invoice and updating payment status
- Updating Shipping Details

### 5.2. **CUSTOMER / MEDICAL PROFESSIONAL PANEL**

Basic site operations by normal users.

#### 5.2.1. **Registration**

- Users can register either as a Customer or Medical Professional.
- Registration completed, users will get an account activation email with a password and a link. Users can use either OTP or a link for their account activation. Users can access their account only after it's activated.

#### 5.2.2. **Login**

- Users can login with their registered email and password.

#### 5.2.3. **Profile Page**



- Update basic details related to profile actions

#### 5.2.4. **Cart Page**

- Users can purchase medicine either by searching for medicine from the dashboard and adding it to the cart or directly uploading a prescription from the dashboard or prescriptions or My cart page.
- Remove medicines from the cart or can update the quantity from the cart page.
- Requests for medicines can be performed only after uploading a prescription if the medicine needs prescriptions.

- Users can view the billing details of cart added medicines before uploading the prescription.

### My Cart

Item Info	Quantity	Price / Unit	Discount / Unit	Sub Total
<div>×</div> 	10	\$ 175.00	10.00	\$ 1,650.00
<div>×</div> 	10	\$ 100.00	10.00	\$ 900.00

**Sub Total : \$ 2,550.00**  
(this is an approximate total, price may change)

If you are done with adding medicines to cart, please browse and upload the prescription from the link below. Alternatively, you may even upload a prescription without adding any medicine to cart. We will identify the medicines and process the order further.

#### 5.2.5. Prescription

- Users can view placed orders with their current status.
- Users can make payments only after the prescription is verified.
- Items detail is visible only with verified prescriptions or orders.
- Status is,
  - Verified - If the admin accepted the order.
  - Un-verified - Waiting for admin approval.
  - Rejected - If the admin rejected the order.
- Can download uploaded prescriptions copy.

#### 5.2.6. Awaiting Shipments

- View all paid prescriptions and not shipped yet, along with the invoice.

#### 5.2.7. Shipped Prescriptions

- View all shipped prescriptions.