

Healwire

PRODUCT DESIGN SPECIFICATION

Version 4.0

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1. **OVERVIEW**

Healwire is a PHP powered online medical store built and optimised using the 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

4.1.1. 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=

ANDROID_URL=
IOS_URL=

```

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

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. Copy and paste old database details and replace them with **.env**

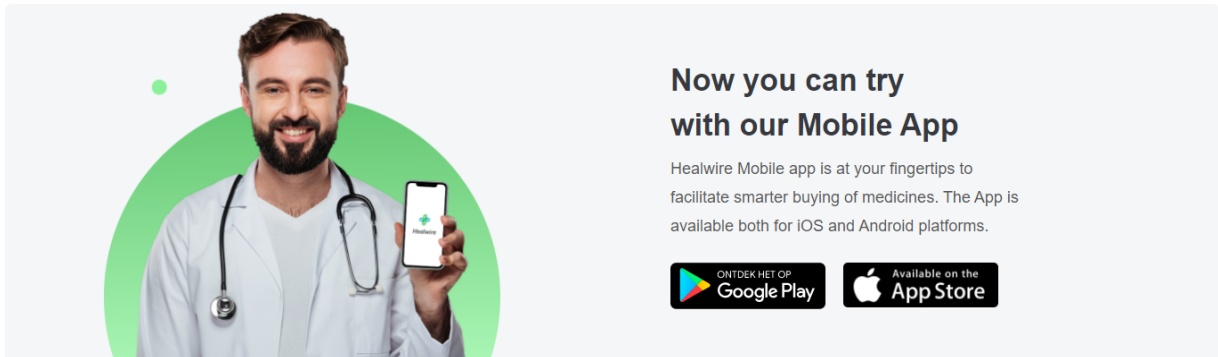
```

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.

Below mentioned commands would help you to clarify if there is any cache created. And will refresh the configuration cache.

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

****if symlink is already created please remove it first before running the last storage:link command.**

****No need to run any Migrations and seeders.**

- 4.5. After completing all the steps mentioned above, now you're 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 this page.,

Database Information ✓

Website Details ^

Email Client ▾

Payment Mode ▾

Admin Credentials ▾

Privacy Policy Terms & Conditions Help Desk

Activate Windows
Go to Settings to activate Windows.

4.6.1. **Database setup**

- Do not run Migration and Seeders because you already have data in your database. Running migrations and seeders will cause losing past data from the database.
- You can find the **SQL dumps** from the root folder and import or run them in your database. Before importing SQLs make sure you take a backup of the database.
- 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
```

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 want to make any site common changes, then follow the below steps**

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

sjji@webandcrafts.in

Password

.....

Re-enter Password

re enter password

Done

- 4.7. Copy and paste the old **prescription** folder from the project folder **public/images** to under **storage/app/public/** folder

New project folder structure will be like this,

Project folder > storage > app > public		
Name	Date modified	Type
brand	23-06-2021 10:07	File folder
images	06-07-2021 16:45	File folder
medicine	06-07-2021 16:45	File folder
prescription	06-07-2021 16:45	File folder
profile_pic	23-06-2021 18:04	File folder

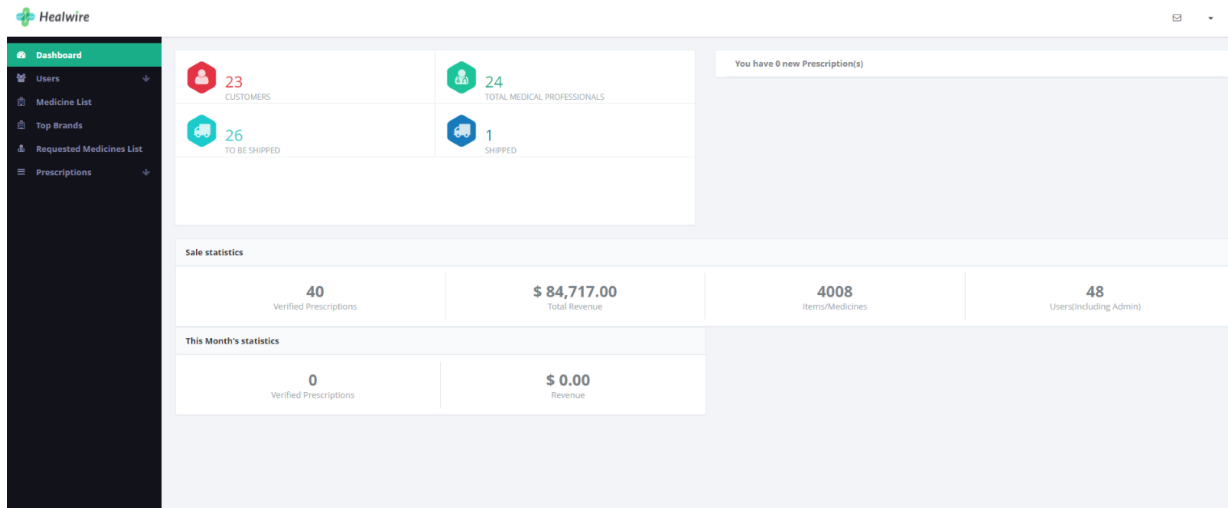
5. PROJECT INTERFACES

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 ordinary 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 the 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 can directly upload 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
 	10	\$ 175.00	10.00	\$ 1,650.00
 	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,
 - a. Verified - If the admin accepted the order.
 - b. Un-verified - Waiting for admin approval.
 - c. 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.