

# MEMBERSHIP SCANNER WITH LARAVEL 8

## INSTALLING LARAVEL 8

Please make sure that you meet all requirements before installing Laravel into your server

- Xampp v7.3x +
  - <https://www.apachefriends.org/download.html>
- Composer 2
  - <https://getcomposer.org/download/>
- Node.js
  - <https://nodejs.org/en/download/>
- Visual studio Code (Optional)
  - <https://code.visualstudio.com/>

For more info, you can refer Laravel official documentation at <https://laravel.com/docs/8.x/>

Installing via Command Prompt. Run these commands:

- `composer global require laravel/installer`
- `cd %USERPROFILE%/Desktop (cd to your any Laravel folder)`

After you done, please unzip the file given to your Laravel folder. Then, run these commands

- `cd membership`
- `php artisan serve`

## DATABASE

Create database name `membership`. Open `.env` file and modify your database details.

`DB_CONNECTION=mysql`

`DB_HOST=127.0.0.1`

`DB_PORT=3306`

`DB_DATABASE=membership`

`DB_USERNAME=root`

`DB_PASSWORD=`

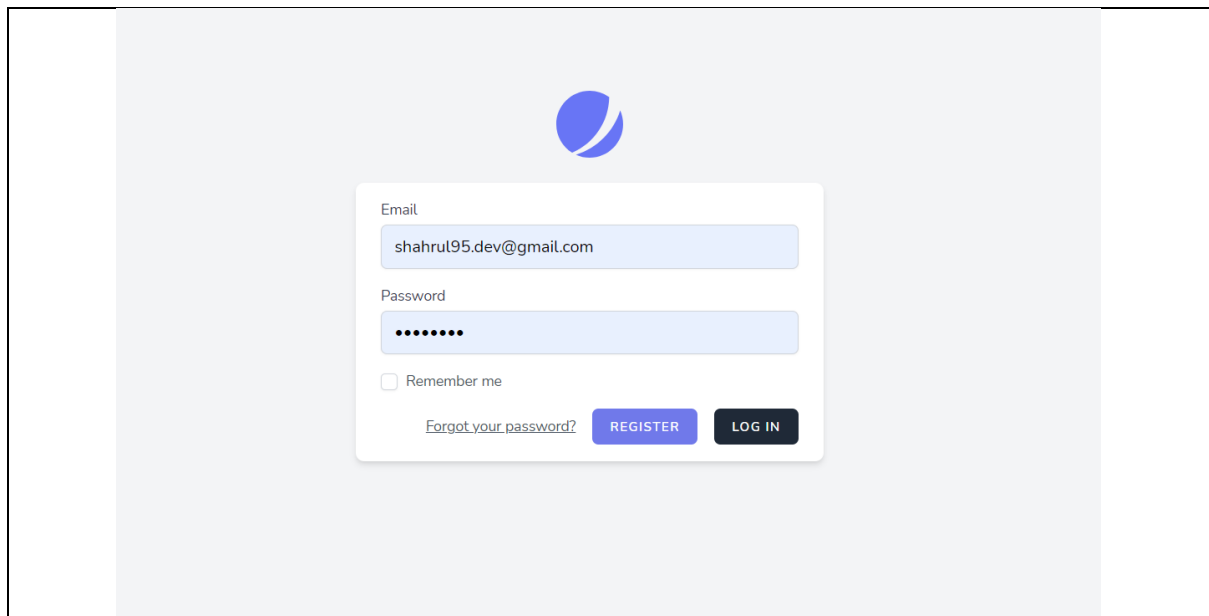
Run these commands

- `php artisan migrate`
- `php artisan db:seed` (Optional. To generate dummy data)

\*If the database is unsuccessful to install. You can just manually import the .SQL file given into your MySQL database server.

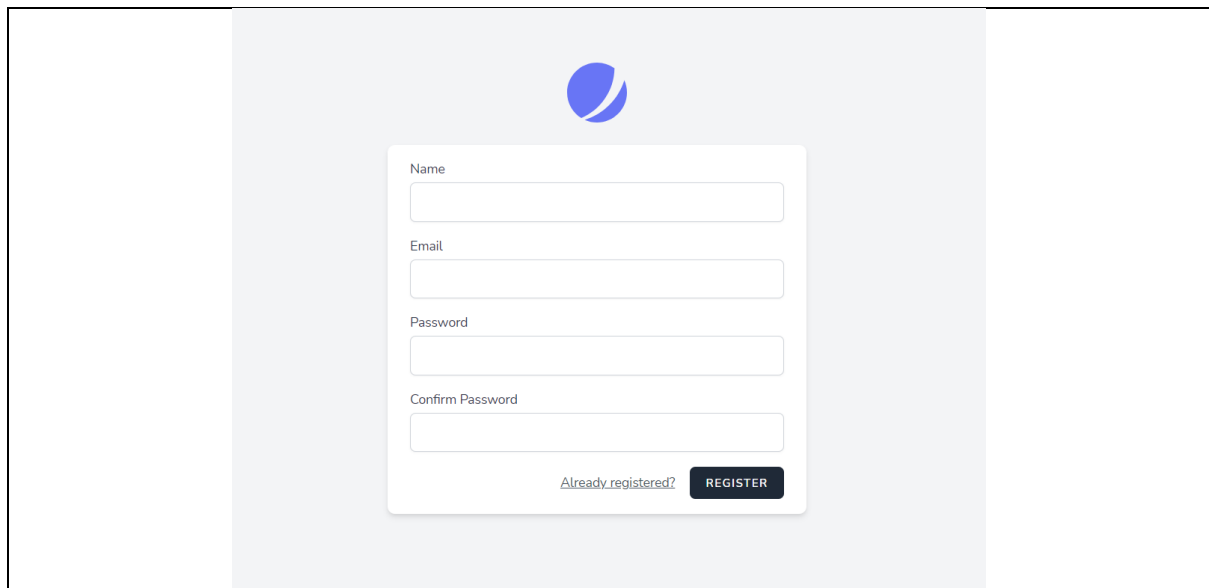
## WEBSITE MANUAL

In this section, we will explain every pages and task that available from this system. For local server, proceed to <http://127.0.0.1:8000/> to start.



**Figure 1.1: Login Pages**

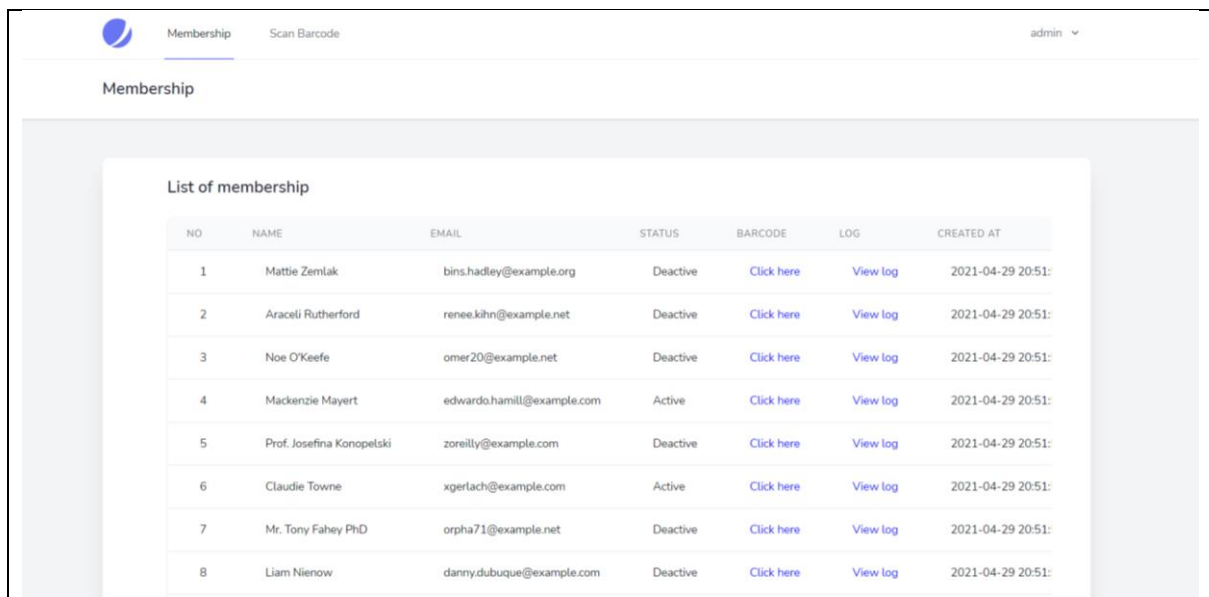
Before proceed to admin dashboard, you need to have an account. Create an account by click on Register button.



The registration page features a central white form on a light gray background. At the top of the form is a blue circular logo with a white swoosh. The form contains four input fields: 'Name', 'Email', 'Password', and 'Confirm Password'. Below the 'Confirm Password' field, there is a link that says 'Already registered?' and a dark blue button labeled 'REGISTER'.

**Figure 1.2: Registration page**

Enter your details. All data entered will be stored in `User` table. Once successful, please going back to the login page and enter your login information.

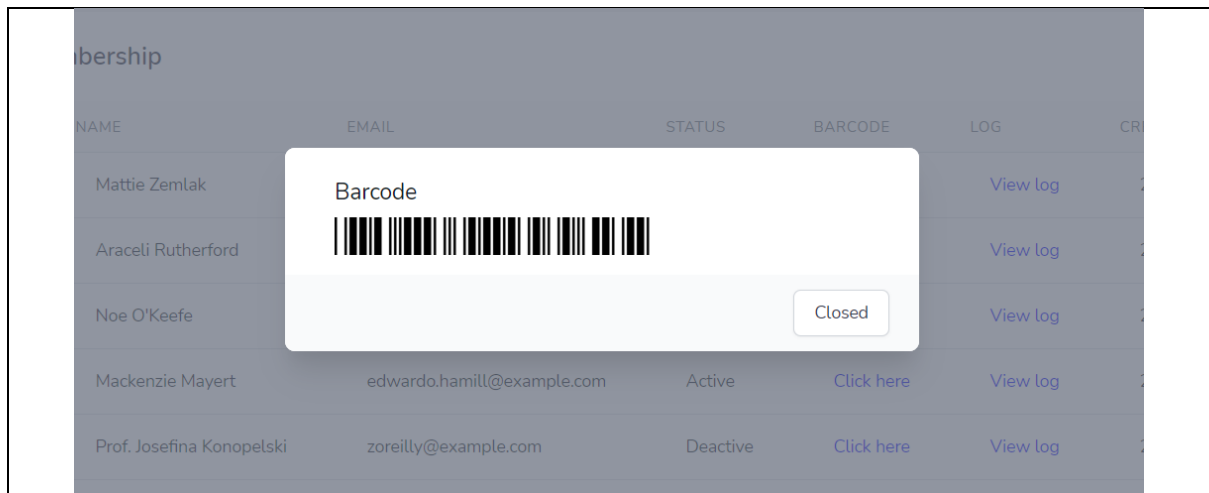


The membership list page has a header with a blue logo, 'Membership' and 'Scan Barcode' tabs, and a user dropdown menu showing 'admin'. Below the header, the title 'Membership' is displayed. The main content area is titled 'List of membership' and contains a table with 8 rows of dummy data. Each row includes a 'NO' (number), 'NAME', 'EMAIL', 'STATUS', 'BARCODE' (with a 'Click here' link), 'LOG' (with a 'View log' link), and 'CREATED AT' timestamp.

NO	NAME	EMAIL	STATUS	BARCODE	LOG	CREATED AT
1	Mattie Zemlak	bins.hadley@example.org	Deactive	<a href="#">Click here</a>	<a href="#">View log</a>	2021-04-29 20:51:
2	Araceli Rutherford	renee.kihn@example.net	Deactive	<a href="#">Click here</a>	<a href="#">View log</a>	2021-04-29 20:51:
3	Noe O'Keefe	omer20@example.net	Deactive	<a href="#">Click here</a>	<a href="#">View log</a>	2021-04-29 20:51:
4	Mackenzie Mayert	edwardo.hamill@example.com	Active	<a href="#">Click here</a>	<a href="#">View log</a>	2021-04-29 20:51:
5	Prof. Josefina Konopelski	zoreilly@example.com	Deactive	<a href="#">Click here</a>	<a href="#">View log</a>	2021-04-29 20:51:
6	Claudie Towne	xgerlach@example.com	Active	<a href="#">Click here</a>	<a href="#">View log</a>	2021-04-29 20:51:
7	Mr. Tony Fahey PhD	orpha71@example.net	Deactive	<a href="#">Click here</a>	<a href="#">View log</a>	2021-04-29 20:51:
8	Liam Nienow	danny.dubuque@example.com	Deactive	<a href="#">Click here</a>	<a href="#">View log</a>	2021-04-29 20:51:

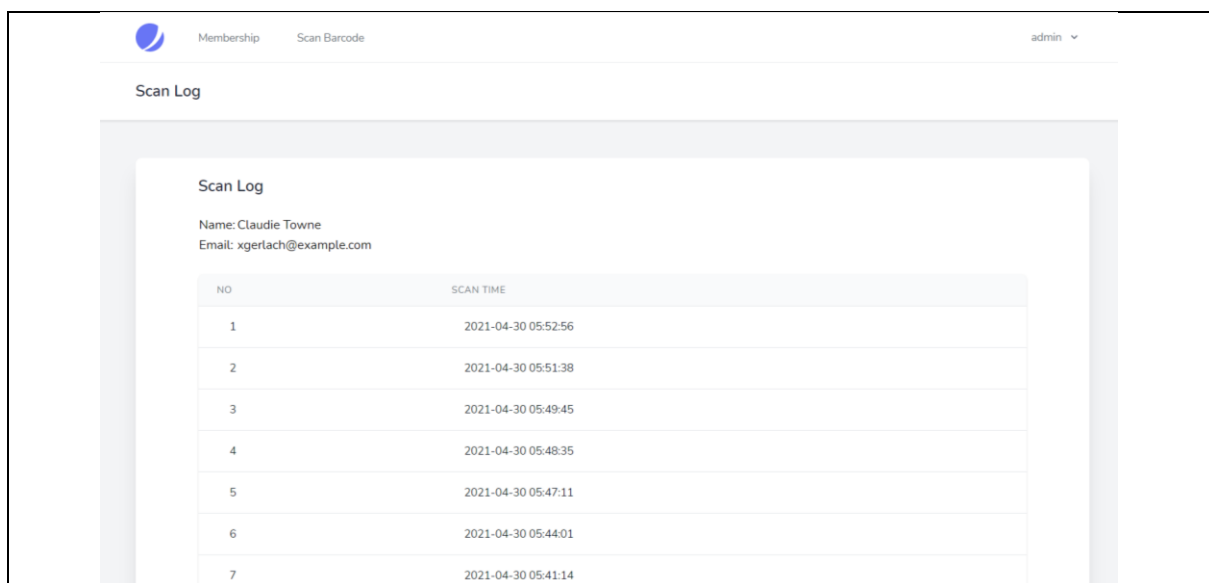
**Figure 1.3: List of membership available**

This page is listing all membership that available in your database. The figure shown the dummy data that we have created previously. Every membership data contains owner name, email address, status of the membership, barcode and scan activities. To retrieved membership's barcode, click on `Click here` text under barcode column. A popup will display with the barcode of the membership (Refer figure 1.4).



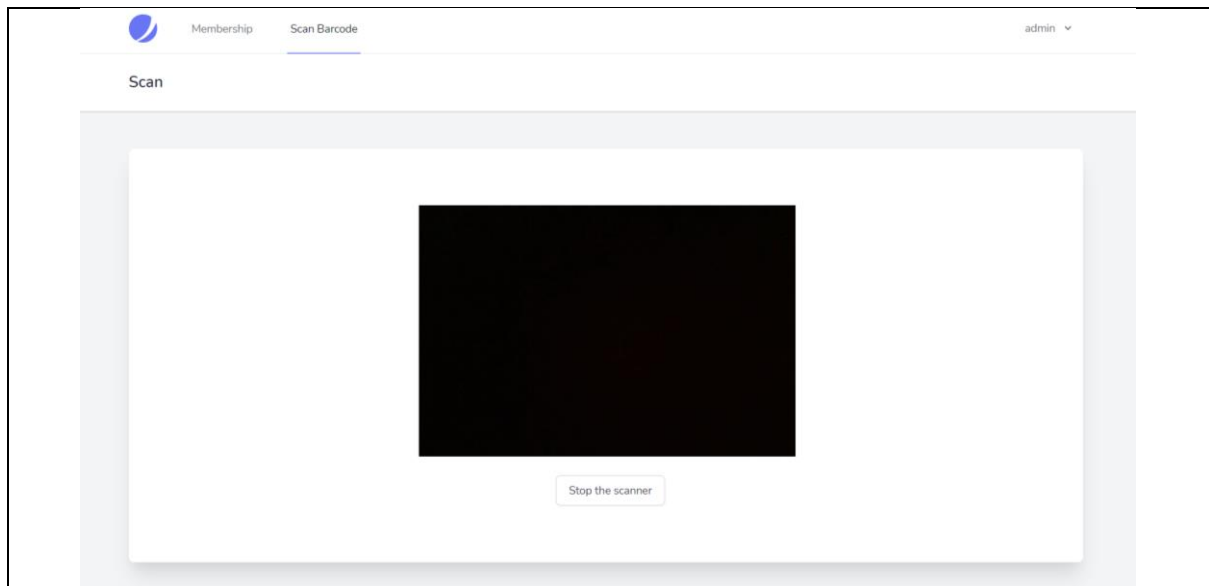
**Figure 1.4: Membership's Barcode**

This barcode will be use to scan and inform the user about membership current status and displaying membership's details. Every successful scan, system will save the log data into database called `scan_logs`. You can view all the log activities for every membership available by click on `View log` text under Log column (Refer Figure 1.5 below).



**Figure 1.5: List of Scan Activities**

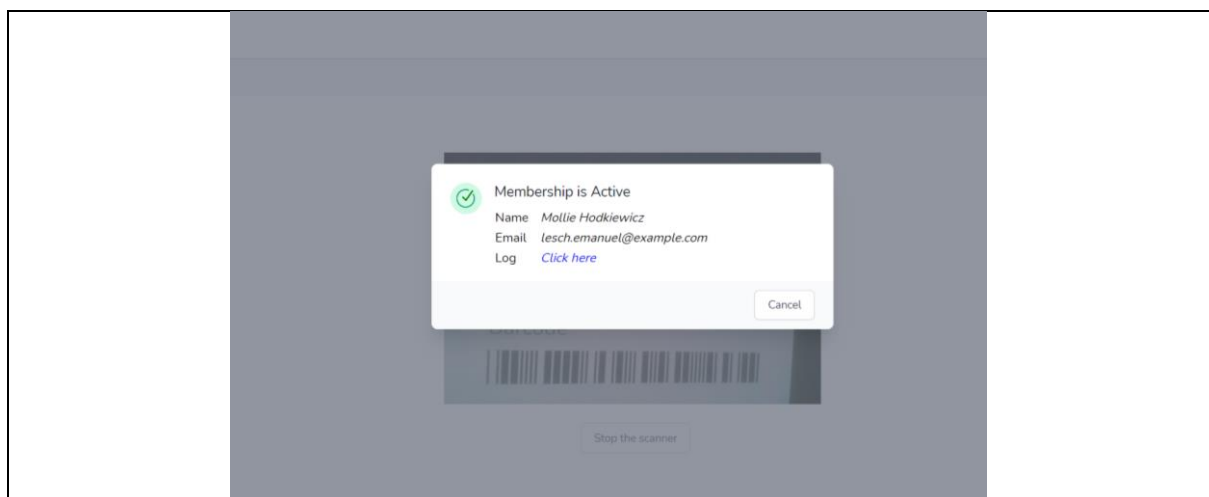
This page is listing all scan activities that have been made by user. Sorting the data start from the latest date scan. To start scanning, click on `Scan Barcode` at the top of the pages.



**Figure 1.6: Scan Barcode page**

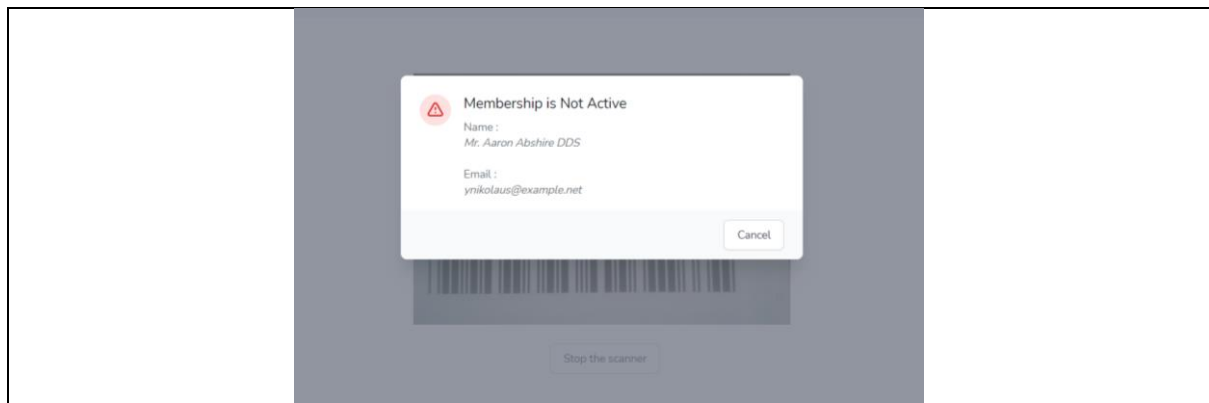
This page will ask a permission from you end to use your camera device. This camera has a feature to read system barcode. You can stop the scanner by clicking on `Stop the scanner` button at the bottom of the page.

Scan your selected membership barcode by using the scanner given. A successful scan will display the details of the membership including the status (Refer figure 1.7).



**Figure 1.7: Sample active membership**

Details and status of the membership will be shown. Keep in mind that every success scan from the active membership, it will store into database called `scan_logs`. To prevent spam, system is only allowed one successful scan and stored for every 1 minutes. Otherwise, the system will only popup the status and details without storing into `scan_logs` table.



**Figure 1.8: Sample deactivate membership**

Only active membership will be store, deactivate membership will only display the details and status for the membership.

If you have any questions, please let me know by sending me an email to [shahru95.dev@gmail.com](mailto:shahru95.dev@gmail.com).