Laravel Blog Website

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INT 221 MVC PROGRAMMING

Contents

- Introduction
- Technologies Used
- Modules
- Website Snapshots
- Github Link
- References

Introduction

- This project is a prototype of a application or website used to create Blog and share information all over the internet
- The prototype contains various functionalities like creating the blog, Editing the blog, Deleting the blog and Showing the blog as well which is the basic part of any interactive interface
- This project is completely build on one of the old php framework called Laravel
- This project also contains some basic authentication for the user sign in and signup which is completely handled by the Laravel framework.
- Since Laravel is one of the vast framework this project will provide us the overview about the basic implementation of the functionality provided by the Laravel framework.

Technologies Used

- Some of the important technologies used in the creation of this project are below:

  1.HTML (Hyper Text Markup Language)

  2. CSS (Cascading Style Sheets)

  3. Bootstrap

  4. PHP

  5. Laravel Framework

  6. MySQL

  7. Tailwind CSS

Modules

- Some the modules used in this project is mentioned below:

  1.Login

  2. Signup

  3. Home Page

  4. Create Blog Page

  5. Blog Detailed View

  6. Blog Update View

  7. Delete Blog View

  8. Blog View

  9. About Us View

Login

- Login is one of most important thing as per the authorization is concerned.
- This is the basic login feature integrated in the website where user can able to log into his personal account and do everything he want like creation, deletion, updation etc.
- All the functioning regarding login like creating the database, putting entry in the database, checking the user for verification is handled by laravel itself.
- It provide a great ease for the developer to take care of this authentication.
- This all views are provided by laravel blade template.

Sign Up

- This is a module in which the user can able to create the account if he or she have no any account in the website.
- This is also very important as per the security purpose as we don’t want any unknown to come and create stuffs in website so signup will provide a way that only particular user will be able to use this blog website .
- The signup view is again rendered by blade template in the laravel
- In the signup user required to fill the specific credential like username , emailed, password and after successful filling those fields and applying the data of the user will get stored in the respective database in the laravel, and then he or she will be able to create the post and share the thought publically to whosoever he or she want to convey.

Home Page

- This is the third module in this project
- Homepage is one of the important element in any website as it describe the overview of the website in a single glance .
- This project is also have home page where user can able to see the defined User Interface with all the basic details about the website. It is the soul of any website.
- The home page of this project is also contains some important information about the website like it contains the text which describe about the blog and what a blog website is. It has several buttons and links from where the user will able to navigate in different screen for different purposes and can able to create, view and edit and delete the blog post there .
- Laravel controllers and routes are widely used in the home page to provide all the important functionality as per the requirements of the website.

Create Blog Page

- This is the fourth module screen of the screen .
- As it is a blog website user must be able to create the blog as per his or her wish. This create page give multiple functionality to create the blog post.
- For creating a blog the user should give some basic inputs like Blog Title which will show the title of the blog , user should give description of the post in which user describe about the post and give a proper content about the post to understand the context. Then user should upload a picture file related to this blog, which will describe the post in a single view.
- After providing all the inputs to the required field and submitting the data the post will be created and move forward to the home screen so that it will be available for other to see and get the information .
- Only user with account can able to create the blog in the website , no other user will be able to do this since it is not allowed as per the security rules of authentication

Blog Detailed View

- This is the fifth module related to this project.
- It deals with the detailed description of the blog created .
- As the user create the blog it will be available in the home page for the overview. But if one want to read the blog in detail user can able to switch to the detail view page where all the details are saved in details
- User can able to understand more about the blog and can able to retrieve more information about the blog.
- This is what the main purpose of any blogger.

Blog Update View

- This is the sixth module of this project.
- It deals with the update of the blog details in the website.
- This will give the freedom to the user to make their blogs more valuable by providing proper content inside it and if there is any glitch updation is also possible.
- In this website in the update section user can able to update multiple field in their blog. User can able to change their heading and the description in their blog
- All the changes made also get updated in the database. For which database migration and updation logic are used in the laravel framework.
- Only user with account can able to update the record in the database , no other user will be able to do this since it is not allowed as per the security rules of authentication.

Delete Blog View

- This is the seventh module in this project
- It provide delete functionality to the user. Delete is one of the important operation user can perform. If any mistake or any unwanted post get posted in the blog section it need to be deleted.
- It help the user to remove those unwanted blog from the account and hence allow the user to keep the blogs section clean and effective.
- Only user with account can able to delete the record from the database , no other user will be able to do this since it is not allowed as per the security rules of authentication.

Blog View

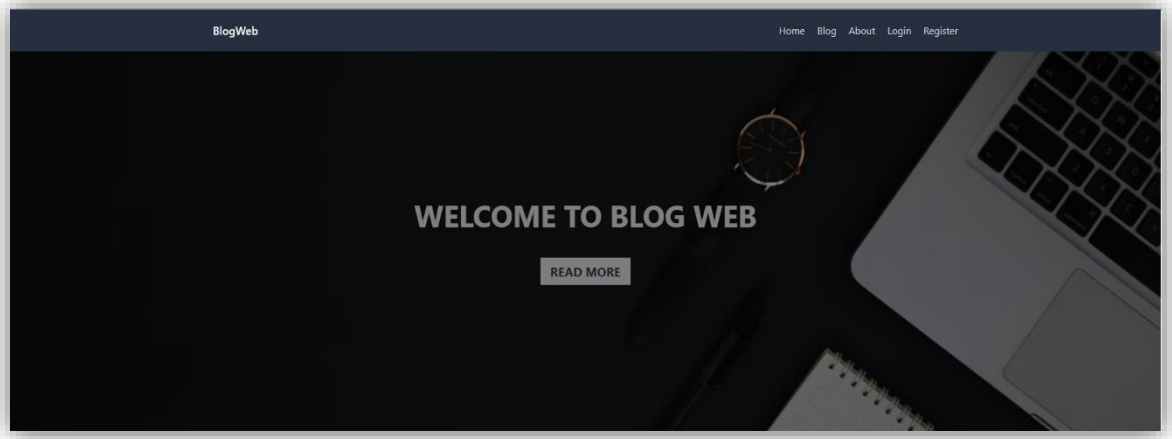
- This is the eight module in this project .
- this provide a interface where all the collections of the blog for a particular user are available.
- It is very helpful for the end user as well the one who visit the website to see the blogs of others.
- As a creater user can able to review all the blogs at a time and it become very easy for them to find the mistake in the blog and then he or she can able to rectify it easily.
- As other user who visit the website to see the blog it become very easy to them to find the content of their interest easily and hence it save time of both the creator and the visitor.

About Us View

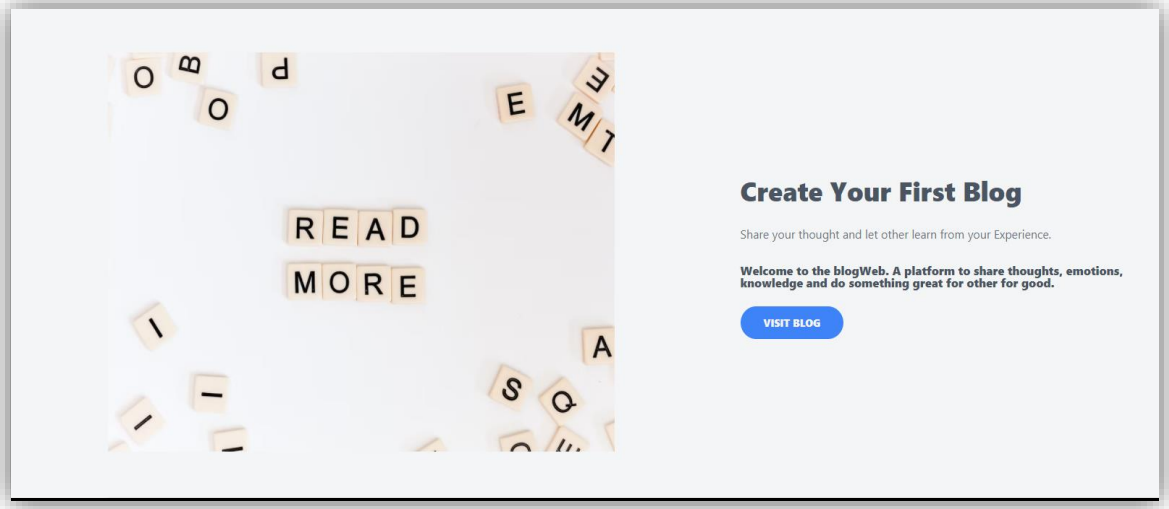
- This is the ninth module of this project.
- It deals with the contact and basic details about the creator that the user should know before using the application or the website.
- It is again very important aspect of the website since using this user can able to report any issue to the creator if something goes wrong or they can provide any suggestion for the betterment of the website.
- User can also able to put complaint about any issue if it is there and then it will be rectified by the developer team.

Website Snapshots

Landing Page

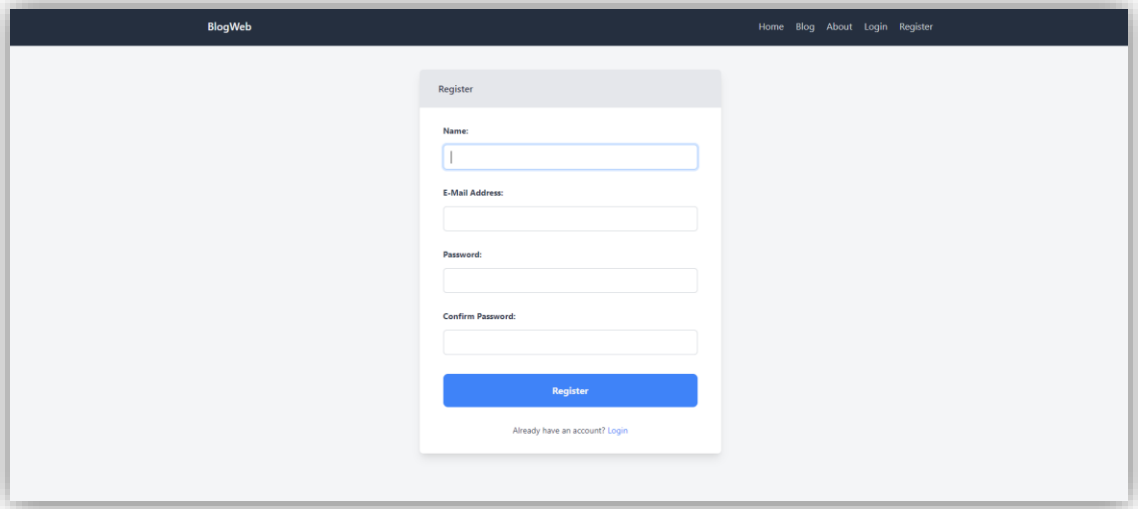


Landing Page Review

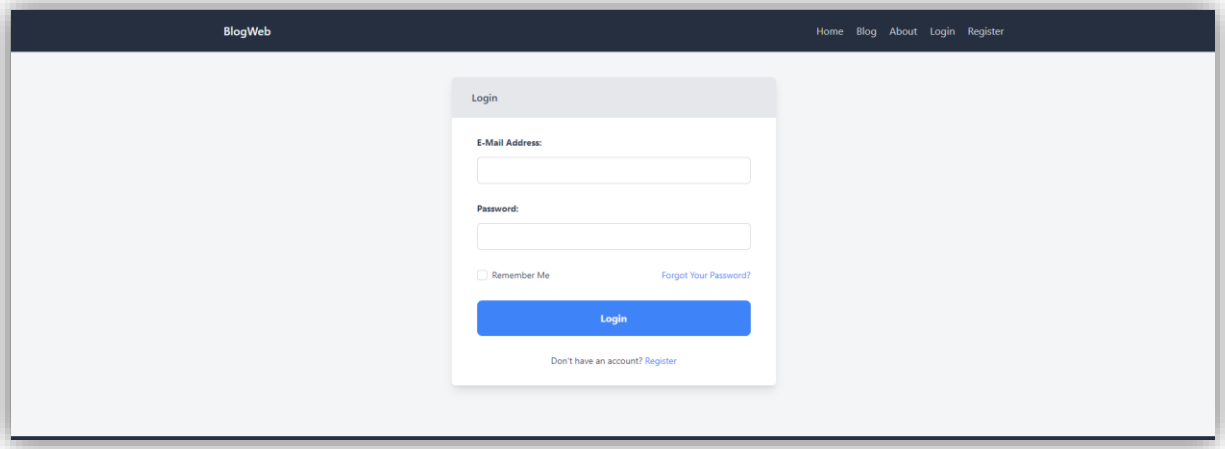


Website Snapshots

Signup Page

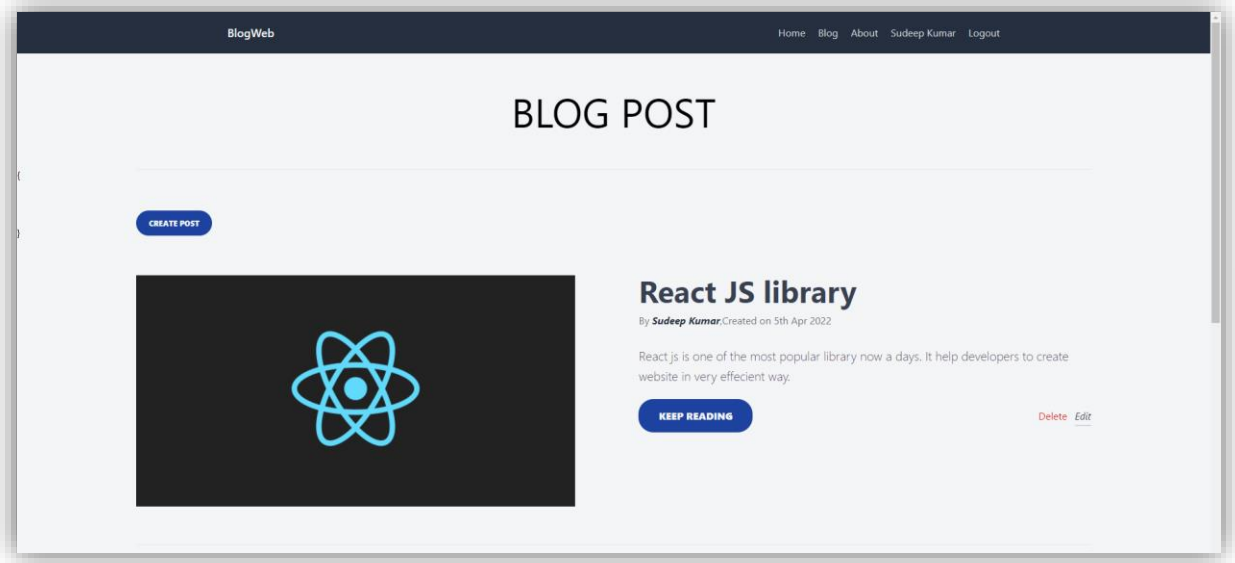


Sign In Page

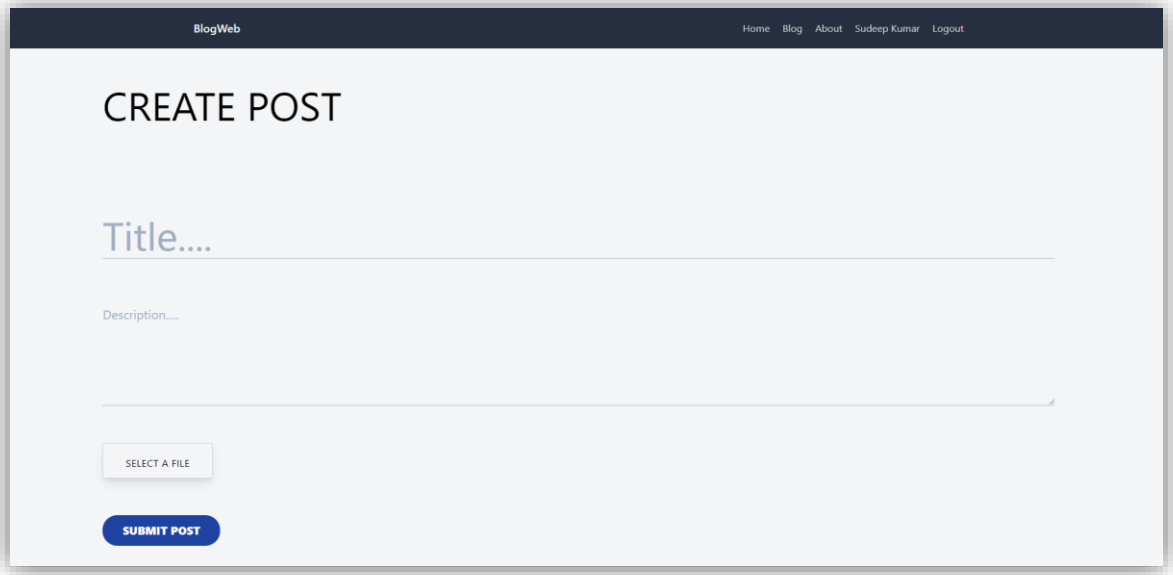


Website Snapshots

Blog View Home

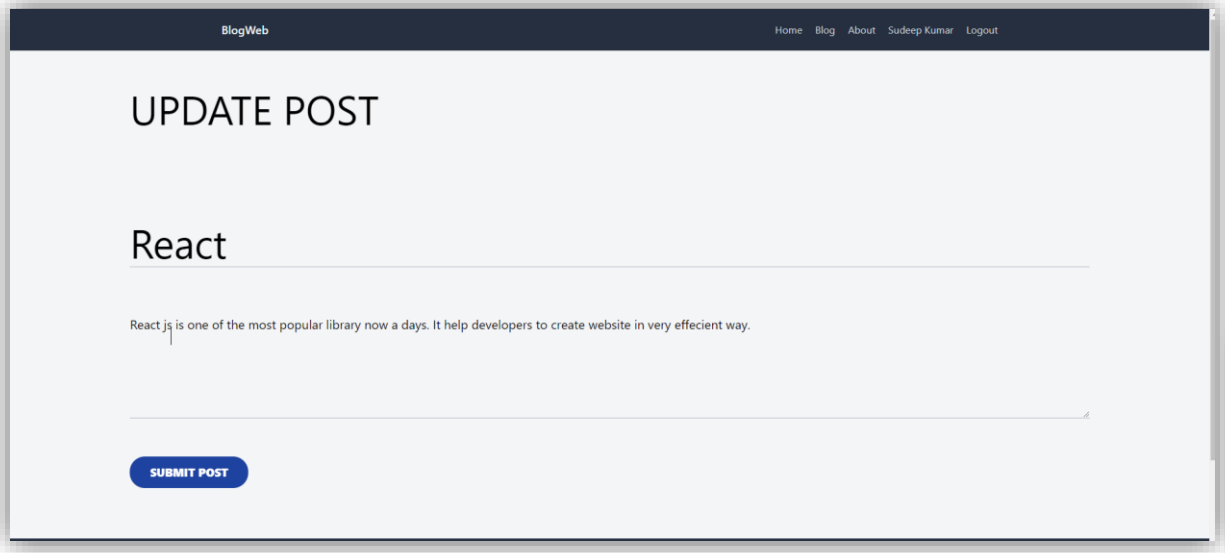


Create blog Page

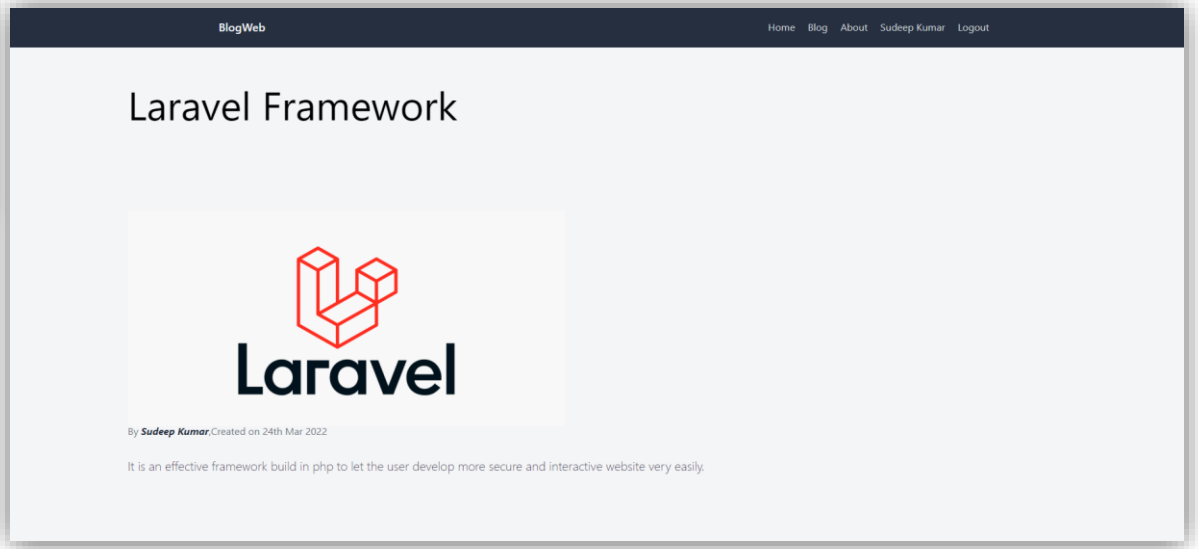


Website Snapshots

Update Blog Page

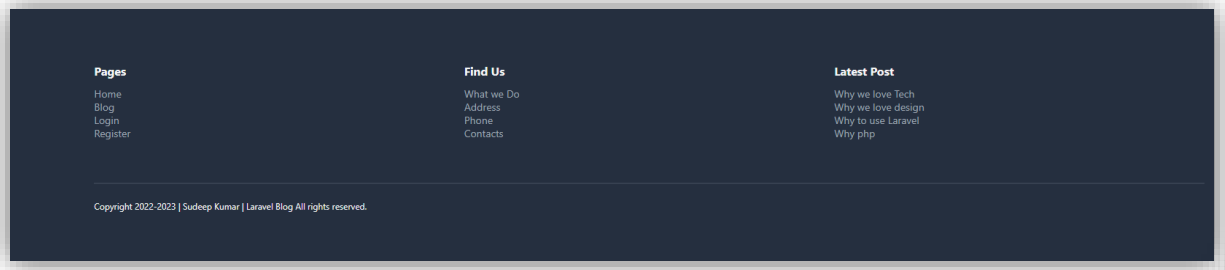


Detailed View Page

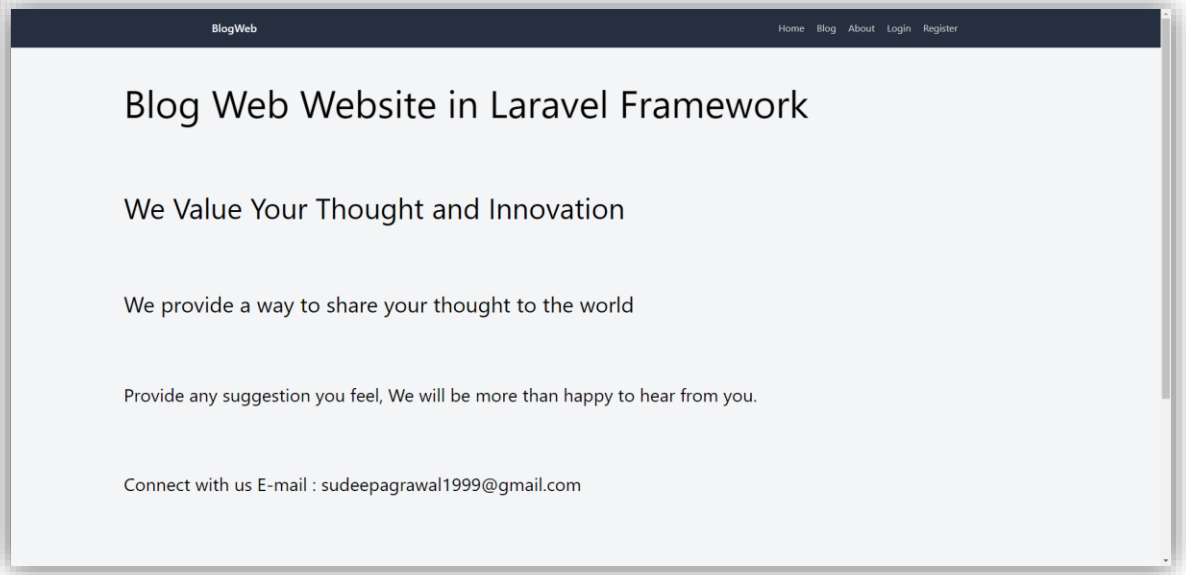


Website Snapshots

Footer



About Us Page



Github Link

- https://github.com/Sudeep-kr-1999/Laravel-Blog-Website-Project.git

References

- https://laravel.com/docs/9.x
- https://blog.laravel.com
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thanks!