Project: Task List Manager
E Micro Learn Summer Internship
By Sondos Aabed

Code:
This repository includes a README file that will show a demo of the project. GitHub - sondosaabed/p1-tasks-list: A Tasks Managment System using Laravel

Short Project Description:
In this project, a Task List Management System is created using Laravel. This project applies MVC architecture, routing, Blade templating, Eloquent ORM, database seeding, and pagination concepts in Laravel.

Tools:
VC, Composer, Laravel, PHP, Tailwind CSS, Alpine JS, MySQL server, HTML

Features:
1. **Adding**: Inserting a new task into the database.
2. **Updating**:
    a. Edit an existing task on the database.
    b. Update the Status whether it's complete or not.
3. **Deletion**: Delete an existing task from the database.
4. **Pagination**: View a list of tasks per page.
5. **Routing**: Different routes of creating, deleting, and editing a task.
6. **Form Validation:** This was applied for the integrity of the data.

Database:
1. **The Mysql server** was used to connect the Database of tasks.
2. **Database Seeding:** applied to create sample tasks, used Laravel migrations.
3. **Task Table**: each task has the following features:
    1. ID (Primary Key Integer)
    2. Title (String)
    3. Description (String)
    4. Long Description (String)
    5. Complete or Not (Binary)
    6. Updated at.
    7. Created at.

The Following Image, Is a screenshot of the Database (task-list-db) and the random text that is generated using Seeding.
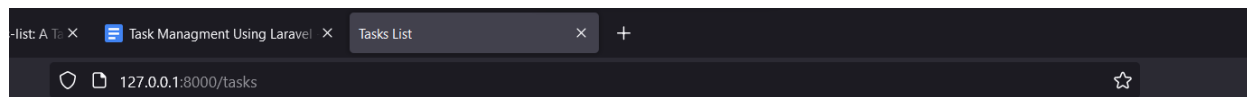

Blade Templates:

In this project, Blade templates are created for consistent and reusable views and for conditional rendering in displaying task details.

Screenshots of the running project:

1. **Showing the tasks using pagination**

2. Adding a new task screen:

Add Task

TITLE

This is a new task

DESCRIPTION

New task discrion will be written here

LONG DESCRIPTION

This is teh long description of my task her i elaborate on what should I do eaxctly and how I will do it

(3)

Add Task   Cancel

This is a new task

> **Success!**   ✕
> Task created successfully!

← Go back to the task list!
New task discrion will be written here

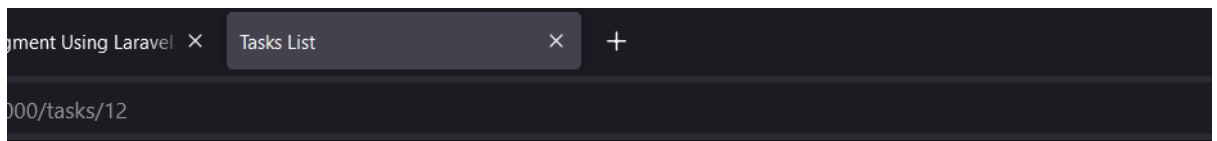**New task discrion will be written here**
This is teh long description of my task her i elaborate on what should I do eaxctly and how I will do it

Created 1 second ago . Updated 1 second ago

Not completed :(

Edit   Mark as completed   Delete

3. Showing the task

Iure ea rerum quasi placeat.

← Go back to the task list!
Laudantium repellendus placeat et. Alias non et vel nisi. Dolor est molestias veniam minima non sequi eveniet.

Laudantium repellendus placeat et. Alias non et vel nisi. Dolor est molestias veniam minima non sequi eveniet.
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Created 3 days ago . Updated 3 days ago

Not completed :(

Edit | Mark as completed | Delete

4. Clicking on Mark as completed:

Iure ea rerum quasi placeat.

Success!   ✕
Task updated successfully!

← Go back to the task list!
Laudantium repellendus placeat et. Alias non et vel nisi. Dolor est molestias veniam minima non sequi eveniet.

Laudantium repellendus placeat et. Alias non et vel nisi. Dolor est molestias veniam minima non sequi eveniet.
Odio ipsa corrupti fugiat esse inventore repellendus. Et velit dolor fugit qui modi quos. Labore et labore eos veniam atque et sed. Suscipit eaque culpa id et sapiente illum. In impedit quas itaque maxime. Est aperiam quae et suscipit consequuntur iure illo.
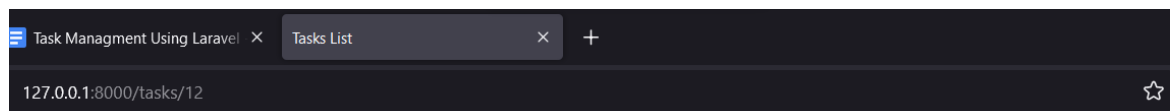
Created 3 days ago . Updated 1 second ago

Completed! :)

Edit | Mark as not completed | Delete

5. Clicking on Edit:

Edit Task

TITLE

This is an Edited task

DESCRIPTION

Edit this

LONG DESCRIPTION

This is teh long description of my task her i elaborate on what
should I do eaxctly and how I will do it

don't edit this blah blag

④

Edit Task   Cancel

This is an Edited task

Success!   ✕
Task updated successfully!

← Go back to the task list!
Edit this

Edit this
This is teh long description of my task her i elaborate on what should I
do eaxctly and how I will do it don't edit this blah blag

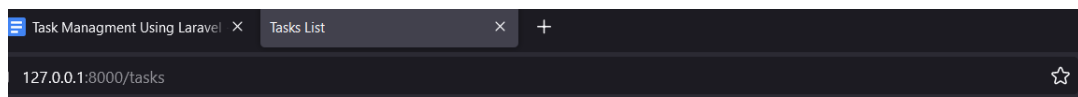Created 1 minute ago . Updated 1 second ago
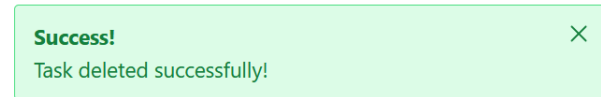
Not completed :(

Edit   Mark as completed   Delete

6. Deleted the "New task this" task shown on the first screen:

The List of tasks

Success! ×
Task deleted successfully!

Add Task

~~New Task 2~~
New Task
Quibusdam et ea quaerat ipsam at.
Consequatur error commodi qui facilis vero ducimus.
Voluptatum consequuntur odit vitae ipsa.
~~Aliquam et temporibus enim et est autem cumque.~~
Omnis ipsum neque eaque.
~~Non debitis voluptas ut.~~
~~Quo deserunt sunt quo magnam ea corrupti.~~
~~Iure ea rerum quasi placeat.~~
In ratione doloribus corrupti ipsum sit perferendis incidunt.
Incidunt delectus et ex.
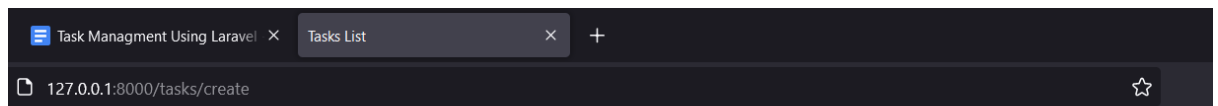Voluptatem inventore non adipisci ea.
Qui sint quia maxime itaque sed omnis.
Est recusandae minima est doloribus eius assumenda distinctio delectus.

Showing 1 to 15 of 21 results   < 1 2 >

7. Form Validation:

Add Task

TITLE

The title field is required.

DESCRIPTION

The description field is required.

LONG DESCRIPTION

The long description field is required.

Add Task   Cancel