

**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](https://github.com/sondosaabed/p1-tasks-list)

**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.

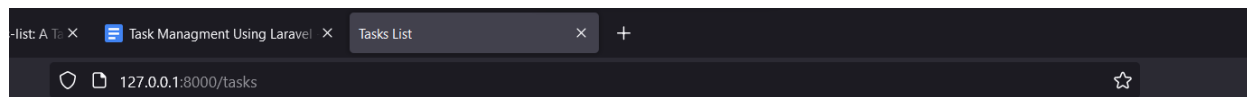
	* id bigint(4)	* title varchar(255)	* description text	long_description text	* comple tinyint(1)	created_at timestamp	updated_at timestamp
	1	Ut optio ipsam itaque e	Voluptatem eaque co	Laboriosam eius nobis	0	2023-09-11 20:33:57	2023-09-11 20:33:57
	2	Aut nam cumque place	Non veniam error elig	Praesentium quam dol	1	2023-09-11 20:33:57	2023-09-11 20:33:57
	3	Voluptatum repudianda	Nisi pariatur impedit	Architecto temporibus	1	2023-09-11 20:33:57	2023-09-11 20:33:57
	4	Quibusdam et ea quae	Aut labore quae nece	Qui numquam esse en	0	2023-09-11 20:33:58	2023-09-11 20:33:58
	5	Consequatur error com	Laudantium reiciendis	Cumque rerum ut prov	0	2023-09-11 20:33:58	2023-09-11 20:33:58
	6	Voluptatum consequunt	Veniam et facere sunt	Molestiae nostrum qui	0	2023-09-11 20:33:58	2023-09-13 22:00:21
	7	Aliquam et temporibus	Facilis voluptatum sec	Dicta ea maiores sed e	1	2023-09-11 20:33:58	2023-09-11 20:33:58
	8	Omnis ipsum neque eac	Rerum doloribus aper	Officiis id dolorum asp	0	2023-09-11 20:33:58	2023-09-11 20:33:58
	9						

## 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



## The List of tasks

[Add Task](#)

New Task this

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.

Showing 1 to 15 of 22 results

## 2. Adding a new task screen:

Task Managment Using Laravel

Tasks List

+

127.0.0.1:8000/tasks/create

Add Task

TITLE

This is a new task

DESCRIPTION

New task discription 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

Add Task Cancel

3

Task Managment Using Laravel

Tasks List

+

127.0.0.1:8000/tasks/25

This is a new task

Success!  
Task created successfully!

[← Go back to the task list!](#)

New task discription will be written here

New task discription will be written here

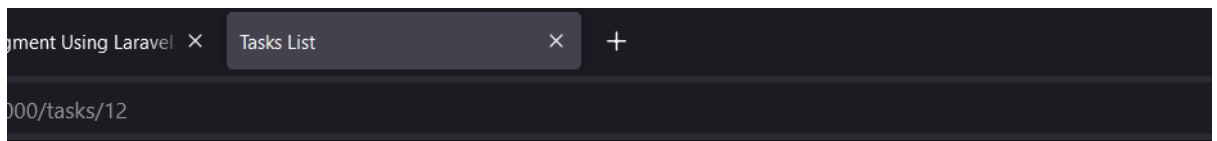
This is teh long description of my task her i elaborate on what should I do eaxctly and how I will do it

Created 1 second ago . Updated 1 second ago

Not completed :(

EditMark as completedDelete

### 3. Showing the task



lure 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.

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 3 days ago

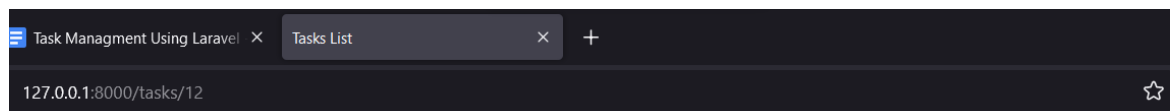
Not completed :(

Edit

Mark as completed

Delete

### 4. Clicking on Mark as completed:



lure 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:

Task Management Using Laravel

Tasks List

127.0.0.1:8000/tasks/25/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 exaxtly and how I will do it

don't edit this blah blag

Edit Task Cancel

4

Task Management Using Laravel

Tasks List

127.0.0.1:8000/tasks/25

## 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 exaxtly and how I will do it don't edit this blah blag

Created 1 minute ago . Updated 1 second ago

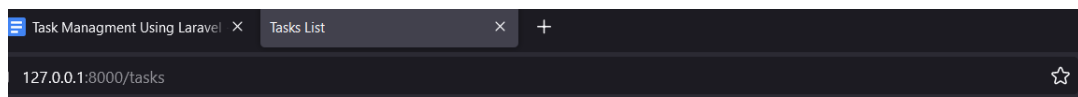
Not completed :(

Edit

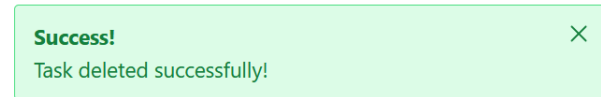
Mark as completed

Delete

## 6. Deleted the “New task this” task shown on the first screen:



### The List of tasks



[Add Task](#)

~~New Task 2~~

New Task

Quibusdam et ea queraat 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.

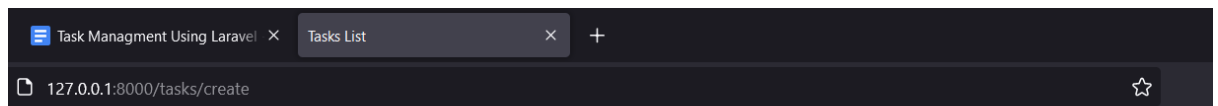
Qui sint quia maxime itaque sed omnis.

Est recusandae minima est doloribus eius assumenda distinctio delectus.

Showing 1 to 15 of 21 results



## 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.

[Cancel](#)