

# Project Documentation: Obituary Platform

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GitHub Link: <https://github.com/MCTallam/Obituary.git>

## Overview

The Obituary Platform is a Laravel-based web application that allows users to submit, view, edit, and delete obituary entries. This project aims to provide an accessible space for creating and managing memorial content, complete with SEO features for better online visibility.

## Key Features

- **Obituary Submission Form:** A user-friendly form to submit new obituary entries.
- **Obituary List View:** A paginated view displaying submitted obituaries with relevant details.
- **Edit Functionality:** Allows users to modify existing obituary details.
- **Delete Functionality:** Enables users to remove obituaries from the database.
- **SEO Optimization:** Includes meta tags for improved search engine visibility and social media sharing.
- **Responsive Design:** Mobile-friendly layouts for an enhanced user experience.

## Technology Stack

- **Backend:** Laravel (PHP framework)
- **Frontend:** Blade templates, Bootstrap for styling
- **Database:** MySQL
- **Additional Tools:** Composer for dependency management, PHP 8.0+, Node.js for asset building

## Setup and Installation

Clone the Repository:

```
git clone <repository-url>
```

```
cd obituary-platform
```

Install Dependencies:

```
composer install
```

```
npm install
```

```
npm run dev
```

## 1. Environment Configuration:

- Create a `.env` file by copying `.env.example`.
- Configure the database and other necessary environment variables in the `.env` file.

### Generate Application Key:

```
php artisan key:generate
```

### Run Database Migrations:

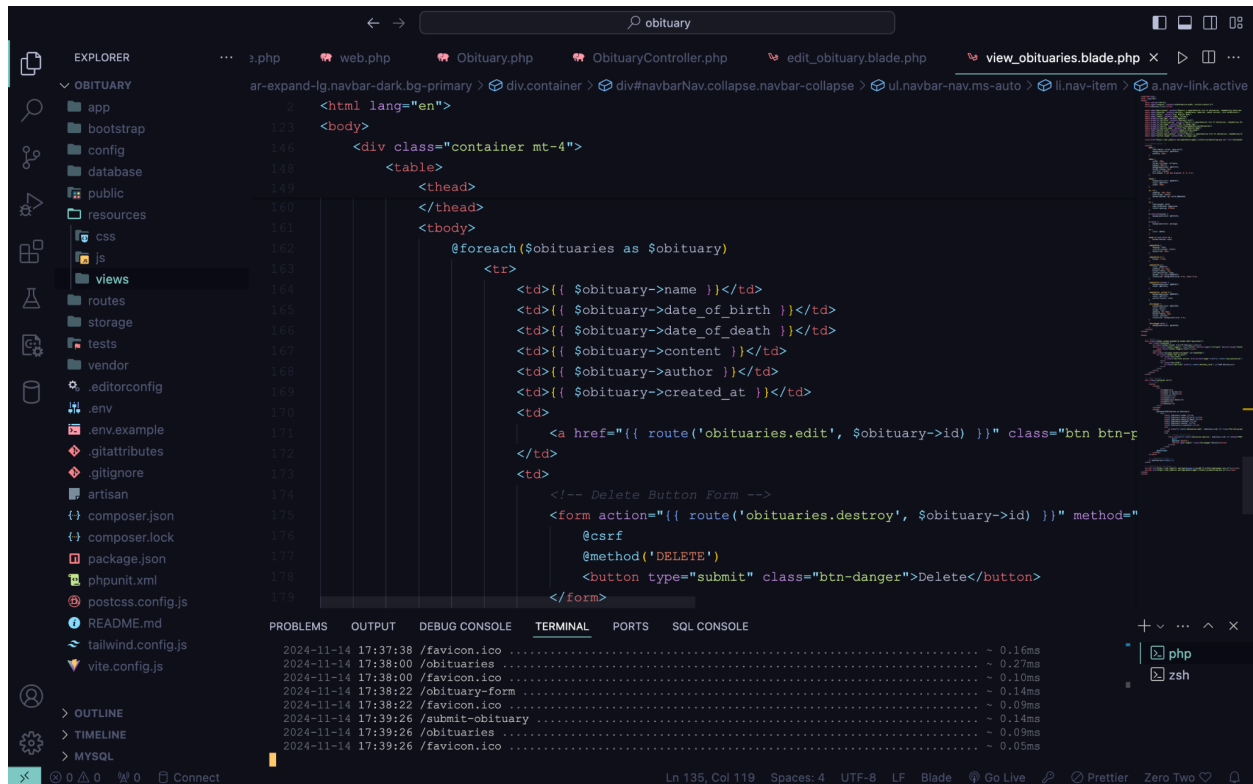
```
php artisan migrate
```

### Start the Development Server:

```
php artisan serve
```

## Project Structure

- **Routes:** Defined in `routes/web.php`
  - `/obituary-form` - Displays the form for submitting a new obituary.
  - `/submit-obituary` - Handles form submission.
  - `/obituaries` - Lists all submitted obituaries.
  - `/obituaries/{id}/edit` - Displays the edit form for a specific obituary.
  - `/obituaries/{id}/update` - Handles the update submission.
  - `/obituaries/{id}/delete` - Handles the deletion of an obituary.
- **Controllers:** `app/Http/Controllers/`
  - **ObituaryController:** Manages submission, editing, updating, viewing, and deleting obituaries.
- **Models:** `app/Models/`
  - **Obituary:** Represents an obituary entry with `fillable` properties for mass assignment.
- **Views:** `resources/views/`
  - `obituary_form.blade.php`: Form for submitting a new obituary.
  - `view_obituaries.blade.php`: Displays the list of submitted obituaries with edit and delete options.
  - `edit_obituary.blade.php`: Form for editing an existing obituary.



## Example Code Snippets

### Routes for Editing and Deleting:

```
Route::get('/obituaries/{id}/edit', [ObituaryController::class,
'edit'])->name('obituaries.edit');
```

```
Route::post('/obituaries/{id}/update', [ObituaryController::class,
'update'])->name('obituaries.update');
```

```
Route::post('/obituaries/{id}/delete', [ObituaryController::class,
'destroy'])->name('obituaries.delete');
```

### Controller Methods:

```
public function edit($id)
{
    $obituary = Obituary::findOrFail($id);
```

```
        return view('edit_obituary', compact('obituary'));
    }

    public function update(Request $request, $id)
    {
        $request->validate([

            'name' => 'required|string|max:255',

            'date_of_birth' => 'required|date',

            'date_of_death' => 'required|date',

            'content' => 'required|string',

            'author' => 'required|string|max:255',

        ]);

        $obituary = Obituary::findOrFail($id);

        $obituary->update($request->all());

        return redirect()->route('obituary_list')->with('success',
        'Obituary updated successfully.');
```

```
    }

    public function destroy($id)
    {

        $obituary = Obituary::findOrFail($id);
```

```

        $obituary->delete();

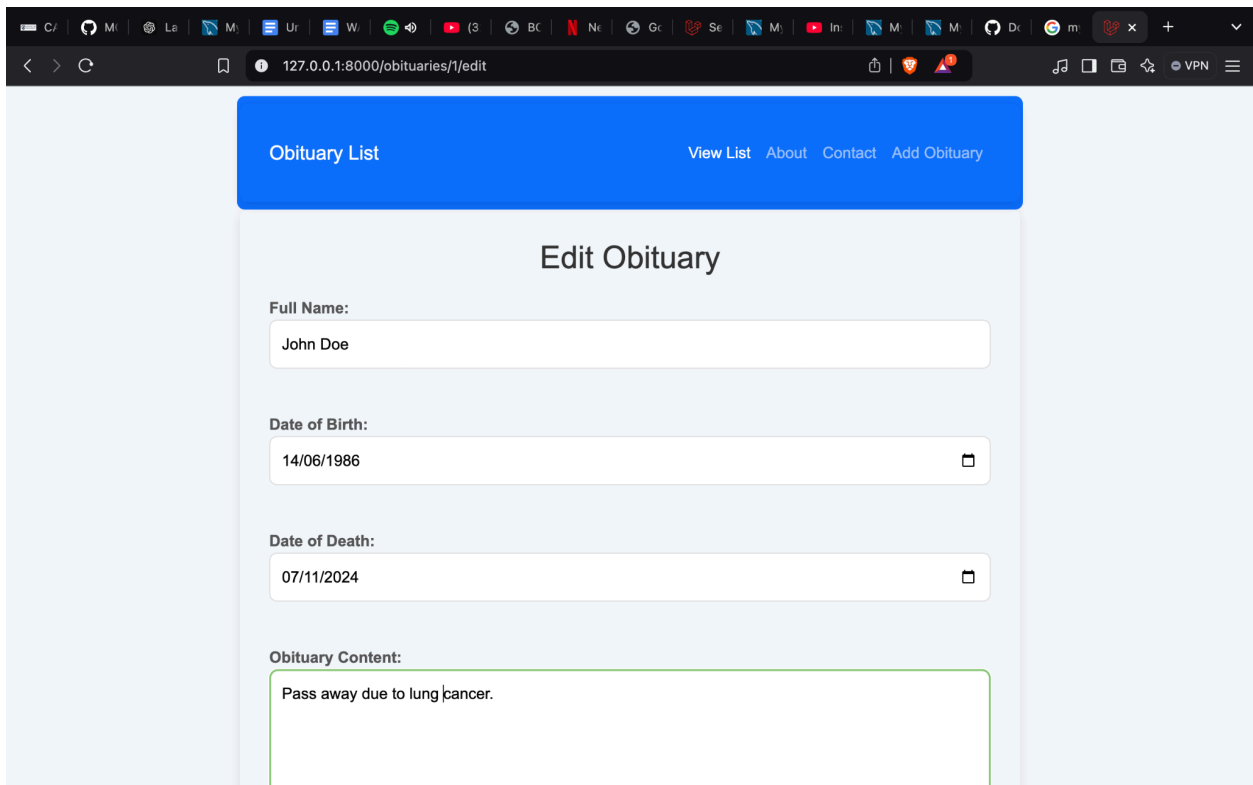
        return redirect()->route('obituary_list')->with('success',
        'Obituary deleted successfully.');
```

```

    }

```

### Blade Template for the Edit Page:



The screenshot shows a web browser window with the URL `127.0.0.1:8000/obituaries/1/edit`. The page features a blue navigation bar at the top with the text "Obituary List" and several links: "View List", "About", "Contact", and "Add Obituary". Below the navigation bar, the main content area is titled "Edit Obituary". This area contains four form fields: "Full Name:" with the value "John Doe", "Date of Birth:" with the value "14/06/1986", "Date of Death:" with the value "07/11/2024", and "Obituary Content:" with the text "Pass away due to lung cancer.".

```
@extends('layouts.app')
```

```
@section('content')
```

```
<div class="container">
```

```
    <h2>Edit Obituary</h2>
```

```
<form method="POST" action="{{ route('obituaries.update',
$obituary->id) }}">

    @csrf

    <div class="form-group">

        <label for="name">Full Name:</label>

        <input type="text" name="name" id="name" value="{{
$obituary->name }}" required>

    </div>

    <!-- Other form fields -->

    <button type="submit" class="btn-submit">Update
Obituary</button>

</form>

</div>

@endsection
```

**View Table with Edit and Delete Buttons:**

Obituary List

127.0.0.1:8000 says  
Are you sure you want to delete this obituary?

View List

Add Obituary

NAME	DATE OF BIRTH	DATE OF DEATH	CONTENT	AUTHOR	SUBMISSION DATE	EDIT	DELETE
John Doe	1986-06-14	2024-11-07	Pass away due to lung cancer.	John	2024-11-14 14:10:08	Edit	Delete
Jane Doe	1984-02-14	2024-11-04	Was involved in an accident.	Tallam	2024-11-14 14:39:26	Edit	Delete

Obituary List

View List

Add Obituary

NAME	DATE OF BIRTH	DATE OF DEATH	CONTENT	AUTHOR	SUBMISSION DATE	EDIT	DELETE
John Doe	1986-06-14	2024-11-07	Pass away due to lung cancer.	John	2024-11-14 14:10:08	Edit	Delete
Jane Doe	1984-02-14	2024-11-04	Was involved in an accident.	Tallam	2024-11-14 14:39:26	Edit	Delete

<table>

```

<thead>

  <tr>

    <th>Name</th>

    <th>Date of Birth</th>

    <th>Date of Death</th>

    <th>Content</th>

    <th>Author</th>

    <th>Submission Date</th>

    <th>Actions</th>

  </tr>

</thead>

<tbody>

  @foreach($obituaries as $obituary)

    <tr>

      <td>{{ $obituary->name }}</td>

      <td>{{ $obituary->date_of_birth }}</td>

      <td>{{ $obituary->date_of_death }}</td>

      <td>{{ $obituary->content }}</td>

      <td>{{ $obituary->author }}</td>

      <td>{{ $obituary->created_at }}</td>

      <td>

        <a href="{{ route('obituaries.edit',
$obituary->id) }}" class="btn btn-primary">Edit</a>

      </td>

    </tr>

  @endforeach

</tbody>

```



```

        <form method="POST" action="{{
route('obituaries.delete', $obituary->id) }}" style="display:inline;">

            @csrf

            <button type="submit" class="btn btn-danger"
onclick="return confirm('Are you sure you want to delete this
obituary?')">Delete</button>

        </form>

    </td>

</tr>

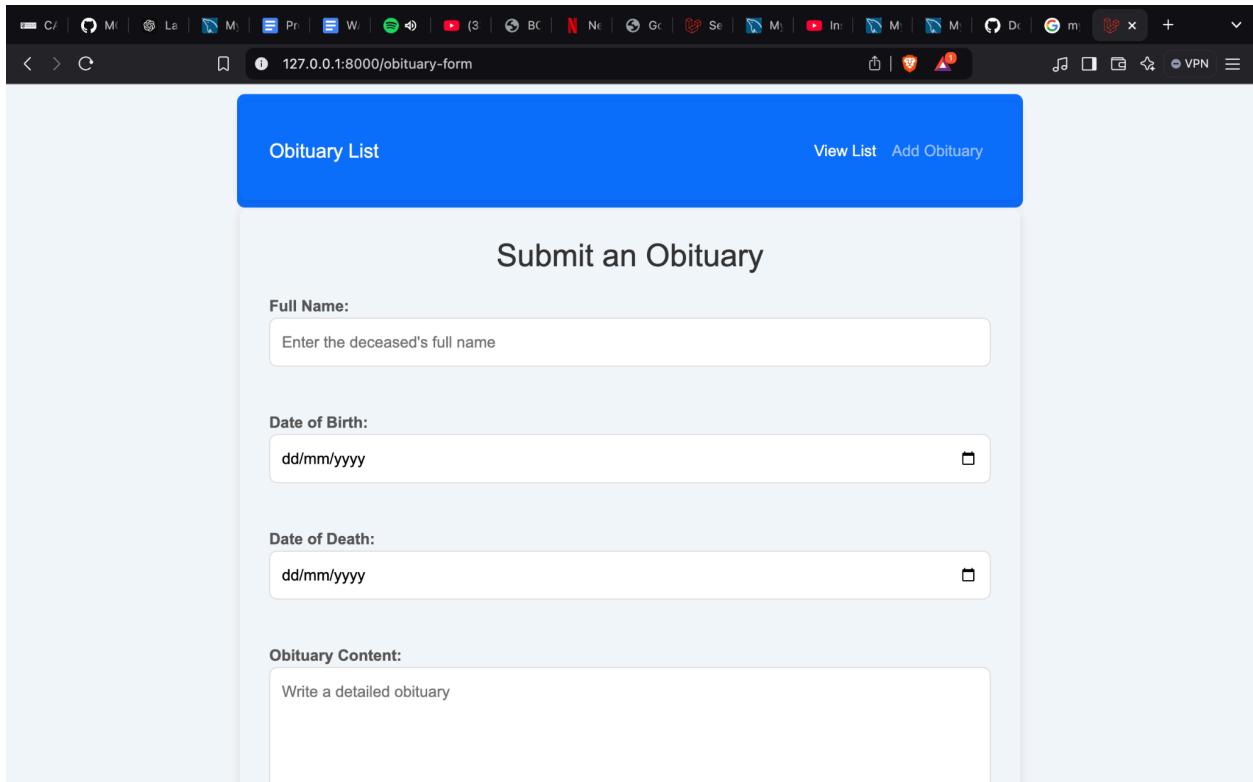
@endforeach

</tbody>

</table>

```

## Obituary Submission Form



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/obituary-form'. The browser's taskbar at the top shows various open applications. The web page has a blue header bar with the text 'Obituary List' on the left and 'View List Add Obituary' on the right. Below the header, the main content area is titled 'Submit an Obituary'. It contains four form fields: 'Full Name:' with a text input field containing the placeholder 'Enter the deceased's full name'; 'Date of Birth:' with a date picker input field showing 'dd/mm/yyyy'; 'Date of Death:' with a date picker input field showing 'dd/mm/yyyy'; and 'Obituary Content:' with a text area containing the placeholder 'Write a detailed obituary'.

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/obituary-form'. The page contains a form with the following sections:

- Date of Birth:** A text input field with a placeholder 'dd/mm/yyyy' and a calendar icon on the right.
- Date of Death:** A text input field with a placeholder 'dd/mm/yyyy' and a calendar icon on the right.
- Obituary Content:** A large text area with the placeholder text 'Write a detailed obituary'.
- Author's Name:** A text input field with the placeholder text 'Enter your name as the author'.
- Submit Obituary:** A prominent blue button.

In the bottom right corner, there is a small thumbnail image of a smartphone displaying a similar form.

```

<div class="container">
  <h2>Submit an Obituary</h2>
  <form method="POST" action="{{ route('submit_obituary') }}">
    @csrf

    <div class="form-group">
      <label for="name">Full Name:</label>
      <input type="text" name="name" id="name" required placeholder="Enter the deceased's full name">
    </div>

    <div class="form-group">
      <label for="dob">Date of Birth:</label>
      <input type="date" name="date_of_birth" id="dob" required>
    </div>

    <div class="form-group">
      <label for="dod">Date of Death:</label>
      <input type="date" name="date_of_death" id="dod" required>
    </div>

    <div class="form-group">

```

```
<label for="content">Obituary Content:</label>
<textarea name="content" id="content" required placeholder="Write a detailed
obituary"></textarea>
</div>

<div class="form-group">
  <label for="author">Author's Name:</label>
  <input type="text" name="author" id="author" required placeholder="Enter your name as the
author">
</div>

<button type="submit" class="btn-submit">Submit Obituary</button>
</form>
</div>
```

## Future Enhancements

- **User Authentication:** Restrict editing and deleting to authorized users.
- **Search Functionality:** Add a search bar for easier navigation.
- **Improved User Feedback:** Use notifications or modal pop-ups for better user interactions.

## Conclusion

The Obituary Platform provides a comprehensive solution for managing memorial content, complete with options to create, edit, and delete entries. Built using Laravel, this platform ensures a seamless user experience with modern design and functionality.