

Mini-CRM Laravel Project Submission

Project Summary

This project showcases Laravel application with authentication using mysql, CRUD operations for companies and employees, email notifications, multi-language support, and a sleek UI design. The app leverages Laravel features such as resource controllers, database migrations, seeders, validation, and notifications, with integration of AdminLTE for front-end design.

GitHub Repository

- Repository Link: <https://github.com/pingpongrammer/Mini-CRM.git>
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1. Project Setup

This Laravel project is set up with authentication using the middleware, including a default administrator account with:

- Email:** admin@admin.Com
- Password:** password

2. Features Overview

The project includes essential CRUD functionality for both companies and employees, leveraging Laravel's resource controllers. Below is a summary of the main components and features implemented:

3. Database Schema and Migrations

Migrations were used to create the following tables:

- Companies:** Fields include `name` (required), `email` (required), `logo` (required), and `website`.
- Employees:** Fields include `first_name` (required), `last_name` (required), `company_id` (foreign key), `email`, and `phone`.

4. Seed Data

A seeder was created to generate the initial user with admin privileges:

```
User::create([
    'email' => 'admin@admin.Com',
    'password' => Hash::make('password'),
]);
```

5. CRUD Functionality

Implemented CRUD operations for:

- **Companies**
- **Employees**

Each model is controlled by a dedicated resource controller, utilizing Laravel's default methods: `index`, `create`, `store`, `show`, `edit`, `update`, and `destroy`.

6. Logo Storage and Access

Company logos are stored in the `/storage/app/public` folder and are publicly accessible via symlink. Laravel's built-in storage functionalities ensure secure storage and easy access for display in the UI.

7. User Interface

AdminLTE theme was integrated to provide a professional and intuitive UI. Customizations include:

- Sidebar navigation for Companies and Employees.
- Responsive design optimized for various screen sizes.

8. Email Notifications

An email notification is sent automatically whenever a new company is created, ensuring real-time updates for the admin. Laravel's mail functionality is utilized with customizable email templates.

9. Multi-language Support

The application supports multi-language functionality, implemented using Laravel's `lang` folder. Language files were created for English and additional languages to cater to a broader audience.

Additionally, the AdminLTE theme was customized to support multiple languages, allowing both the application's core functionality and its interface elements to be seamlessly translated. This ensures a consistent multilingual experience across the entire platform.

10. Admin Login Page

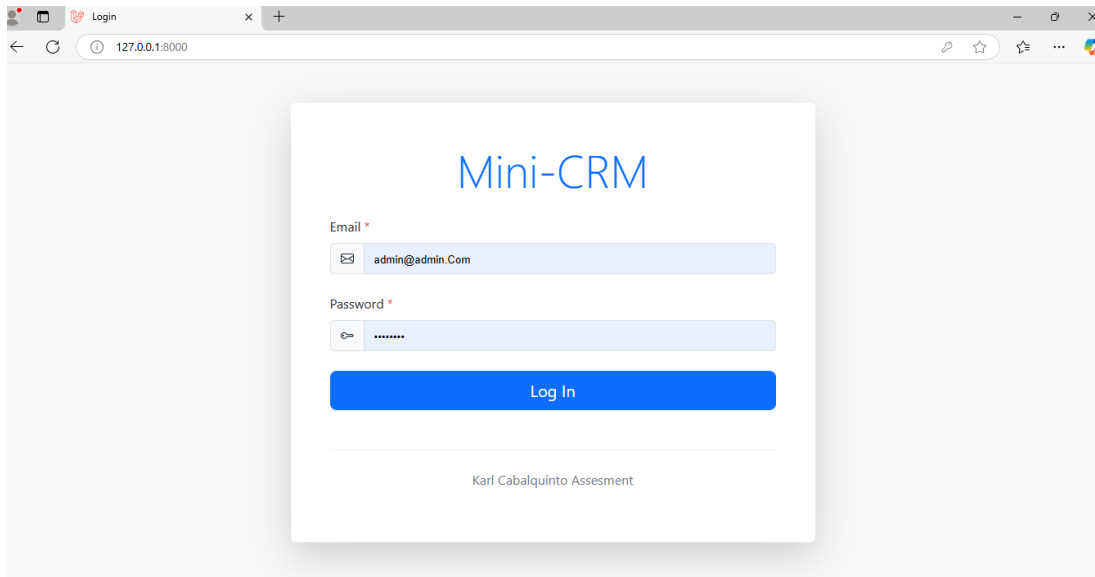
A user-friendly admin login page was created, allowing administrators to securely log in to the platform. The page includes fields for the admin's email and password, with proper authentication mechanisms in place. This ensures that only authorized users with admin credentials can access the administrative features of the application.

11. Pagination and Datatables

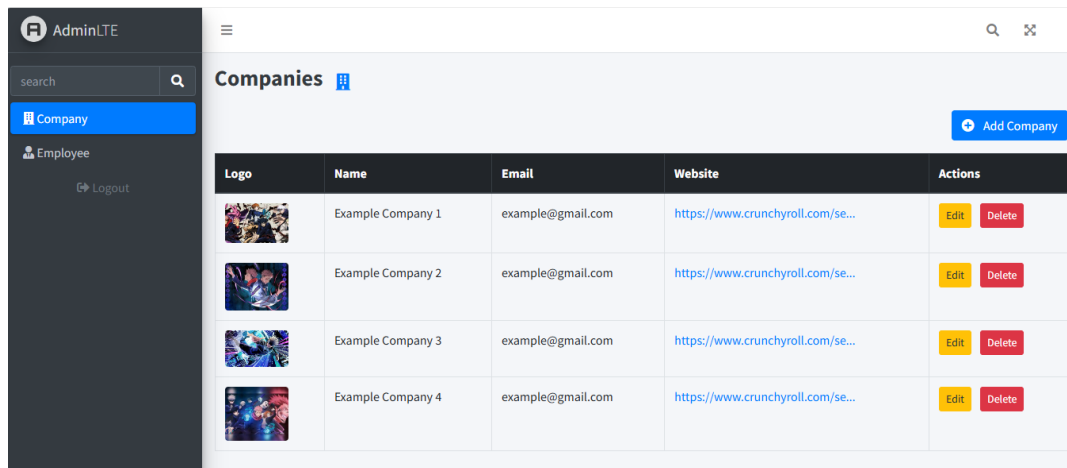
Both Companies and Employees listings use Laravel's pagination, displaying 10 entries per page.

Screenshots

- **Authentication Page:**



- **Companies and Employees Interface:**



127.0.0.1:8000/companies/3/edit

search

Company

Employee


Logout

Edit Company

Logo

Choose File No file chosen

Current logo:



Company Name

Example Company 1

Email

example@gmail.com

Website

https://www.crunchyroll.com/series/GRDV0019R/jujutsu-kaisen

Update

127.0.0.1:8000/companies/create

AdminLTE

search

Company

Employee

Logout

Create Company

Company Name *

Email *

Logo (100x100 minimum) *

Choose File No file chosen

Website

Save

127.0.0.1:8000/employees

AdminLTE

search

Company

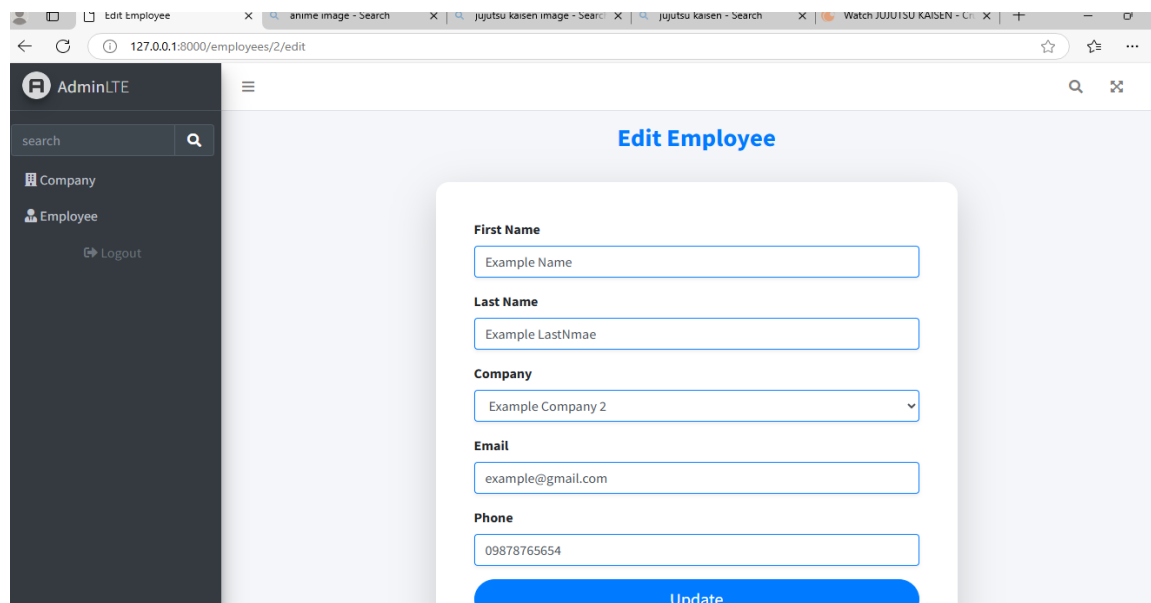
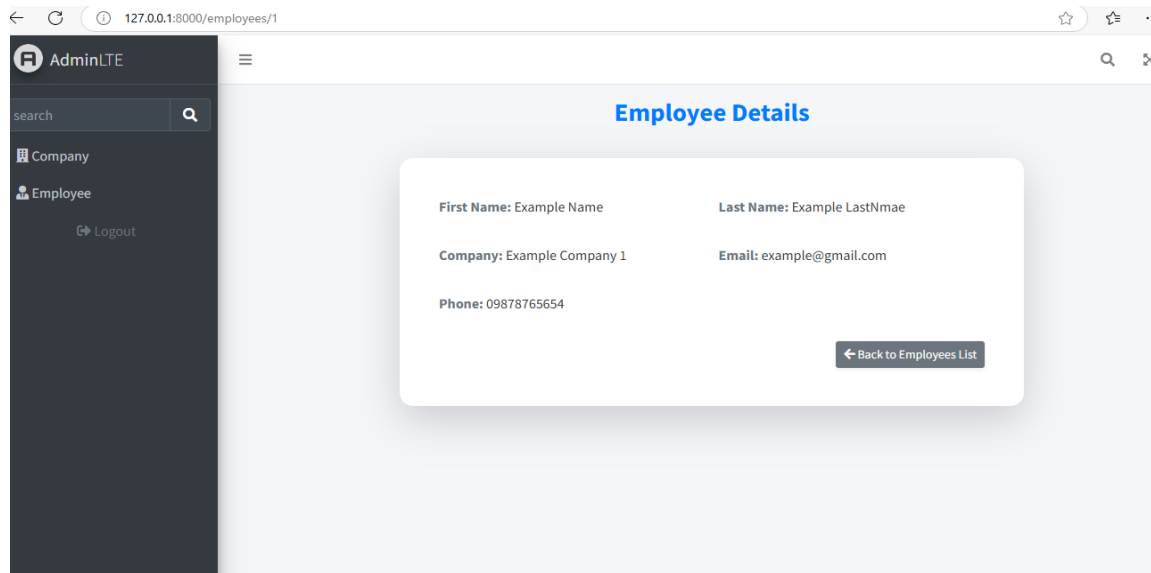
Employee

Logout

Employees

Add New Employee

First Name	Last Name	Company	Email	Phone	Actions
Example Name	Example LastNmae	Example Company 1	example@gmail.com	09878765654	<div>ViewEditDelete</div>
Example Name	Example LastNmae	Example Company 2	example@gmail.com	09878765654	<div>ViewEditDelete</div>
Example Name	Example LastNmae	Example Company 3	example@gmail.com	09878765654	<div>ViewEditDelete</div>
Example Name	Example LastNmae	Example Company 4	example@gmail.com	09878765654	<div>ViewEditDelete</div>



Email Notification Example

