

Mini CRM

Project Overview

Mini CRM is a mini-Customer Relationship Management system built using Laravel 11 and MongoDB. This application is designed to manage companies and their employees efficiently, with features including CRUD operations, multi-language support, and email notifications.

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Installation

Prerequisites

- PHP 8.1 or higher
- Composer
- MongoDB
- Admin LTE

Steps

1. Clone the Repository

```
git clone https://github.com/Emperzxc/mini-CRM
cd mini-crm
```

2. Install Dependencies

```
composer install
```

Incase composer install produce errors. Try running this command: `sudo pecl install mongodb`

```
composer require mongodb/laravel-mongodb
```

Require Admin LTE package using composer.

```
composer require jeroennoten/laravel-adminlte
```

Install the required package resources using the next command.

```
php artisan adminlte:install
```

3. Set Up Environment File

Copy the example environment file and update the configurations:

```
cp .env.example .env
```

Update .env with your MongoDB connection details:

```
DB_CONNECTION=mongodb
DB_HOST=127.0.0.1
DB_PORT=27017
DB_DATABASE=mini-crm
DB_USERNAME=
DB_PASSWORD=
DB_URI=mongodb://localhost:27017

SESSION_DRIVER=file
SESSION_LIFETIME=120
SESSION_ENCRYPT=false
SESSION_PATH=/
SESSION_DOMAIN=null
```

4. Generate Application Key

```
php artisan key:generate
```

5. Run Migrations

```
php artisan migrate:refresh
```

6. Seed the database

```
php artisan db:seed --class=AdminUserSeeder
php artisan db:seed --class=CompanySeeder
```

7. Link the storage to view image

```
php artisan storage:link
```

8. Serve the Application

```
php artisan serve
npm run dev
```

Configuration

- **Email Notifications:** Configure Mailtrap in your .env file for sending email notifications. Sample email configuration:

```
MAIL_MAILER=smtp
MAIL_HOST=sandbox.smtp.mailtrap.io
MAIL_PORT=2525
MAIL_USERNAME=1a59c0cfbc97d6
MAIL_PASSWORD=*****c7b1
MAIL_ENCRYPTION=null
MAIL_FROM_ADDRESS="MiniCRM@example.com"
MAIL_FROM_NAME="${APP_NAME}"
```

Usage

- **Dashboard:** View and manage companies and their employees. Access the dashboard at /dashboard.
- **Companies:** Create, read, update, and delete companies.
- **Employees:** Manage employees associated with companies.
- **File Storage:** Upload company logos and other files through the application interface.

Features

- **CRUD Operations** for companies and employees
- **Admin Authentication** with username and password
- **Email Notifications** using Mailtrap
- **Multi-language Support** using Laravel's lang folder
- **Pagination and Datatables Integration** for managing large datasets
- **AdminLTE Front-end** for a responsive and user-friendly interface

License

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