Project Setup Documentation

Project Name

Human Resource Management

Description

A human resource management system built with Laravel, utilizing MySQL, Composer, and Laravel REST API.

Prerequisites

Before setting up the project, ensure you have the following software installed:

- PHP (version >=8.2)

- Composer

- Laravel (version 11)

- MySQL

Installation Steps

Follow these steps to set up the project:

1. Clone the repository

```bash
git clone [repository URL]
cd [repository name]
```

2. Install dependencies

```bash
composer install
```

```
```

3. Set up the environment

Copy the .env.example file to .env and configure your environment variables:

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

4. Generate application key

```bash
php artisan key:generate
```

6. Run database migrations

```bash
php artisan migrate
```

7. Seed the database (if applicable)

```bash
php artisan db:seed
```

Additional Information

- API Documentation: The Postman collection for the backend API is located at `backend-api.postman_collection.json` in the root of the project. Import this file into Postman to explore the API endpoints.

- Database Tables: The project includes additional tables:

  - employee_project: for relation between employee and projects

  - department_changes: used for tracking department changes of employees

- For clearer code, the project uses:

  - Traits for API responses, service

- Sanctum is used for authentication