Project Description

This is a web application built using Laravel, a PHP web framework. The application allows an admin to manage roles and permissions, and assign those roles and permissions to users.

Advanced Features

Super Class

A super class is a class that contains common functionality that can be shared by multiple classes. In this project, the Controller class is used as a super class for all other controllers, to provide common functionality such as authentication and authorization checks.

Traits

Traits are a way to share methods between classes in PHP. In this project, the AuthorizesRequests and Assign roles traits are used in the Controller class to provide additional functionality such as authorization and dispatching of jobs.

Policies

Policies are used in Laravel to define authorization rules for models. In this project, the RolePolicy, PermissionPolicy and Customer Policy classes are used to define authorization rules for roles and permissions.

Custom Requests

Custom requests are used in Laravel to validate incoming requests. In this project, custom requests are used in the RoleController, PermissionController and CustomerController classes to validate incoming requests when creating or updating roles or permissions.

Role and Permission Management

The application allows an admin to manage roles and permissions, including creating, updating, and deleting them. The admin can also assign permissions to roles, and assign roles to users.

Conclusion

This document provides a high-level overview of the project and the advanced features used in it. It's important to note that this is not an exhaustive list of all the features or functionality in the project, but rather a summary of some of the more notable and advanced features.