

Laravel CRUD Task for Interview: Project Management System

Task Overview:

Create a Laravel-based CRUD operation to manage projects with the following features:

1. **Project Fields:**
 - **Project Name** (text input)
 - **Project Description** (textarea)
 - **Assign Project to Staff** (dropdown to select from staff members)
 - **File Upload** (using Dropzone for drag and drop file uploads)
 - **Project Status** (enum with values: active, inactive, hold, with corresponding color indications)
2. **Soft Delete and Recycle Bin:**
 - Implement soft delete for projects.
 - Provide a "Recycle Bin" where deleted projects are displayed.
 - Users can restore projects from the recycle bin using multi-select.
3. **Email Notifications:**
 - Send an email to the admin after a project is created.
 - Notify the admin via email whenever the project status changes.
4. **Best Coding Practices:**
 - Follow Laravel coding standards and best practices.
 - Use proper naming conventions and organize the project structure.
 - Implement validation and proper error handling.
 - Leverage the Laravel Queue system for sending emails.

Bonus: Use datatables for display list data . For frontend you can use any of the popular framework/library we recommend Bootstrap/Vue JS. Create a custom middleware and implement that in the applications. Use seeder for demo data. Write the readme file for how to use the web app in local.