

**The design decisions focused on scalability, maintainability, and performance.**  
**Here are some key areas considered**

**MVC Architecture** – Followed Laravel’s Model-View-Controller pattern to separate concerns, making the codebase more organized and maintainable.

**Eloquent ORM** – Leveraged Eloquent for efficient database interactions, ensuring optimized data retrieval and manipulation.

**Middleware & Authentication** – Used Laravel’s built-in authentication and middleware for securing routes and managing user roles.

**Blade Templating** – Employed Blade templates to create dynamic, reusable views.

**Responsive UI** – Utilized Bootstrap to ensure the application looks great across various devices.

**Asynchronous Operations** – Implemented AJAX for seamless data updates without requiring page reloads.

**Enhanced User Experience** – Used JavaScript to improve interactivity, such as form validation, dynamic content updates, and UI enhancements.