Technical Assessment Task: Mini-Form Builder

This document outlines a technical assessment task for evaluating the competency of a software development team. The task is designed to be completed by a single developer within 2 to 2.5 days. It requires the use of speci>ic technologies and coding standards relevant to our project. For this task, use GitHub as a repository and share it with these email accounts: ergest@protocolhero.com and steven@protocolhero.com

Task Overview

The task is to develop a **Mini-Form Builder** using Tailwind, Laravel, React.js adhering to the following structured phases. **The primary focus of this task is on code** structure, hierarchy, and design patterns to ensure maintainability and scalability.

Phase 1: Laravel Setup (Docker, Authentication, React.js, Tailwind)

- Set up a new Laravel project with a **Docker-based environment**.
- Use **PostgreSQL** as the database.
- Implement Internationalization/Localization support.
- Implement authentication.
- Create database migrations and models for the form builder.

Phase 2: Form Builder

- Use React.js to create a dynamic protocol form builder.
- Implement validation for form fields.

Phase 3: UI/UX with Tailwind

• Utilize **Tailwind CSS** and **Shaden** for responsive UI design.

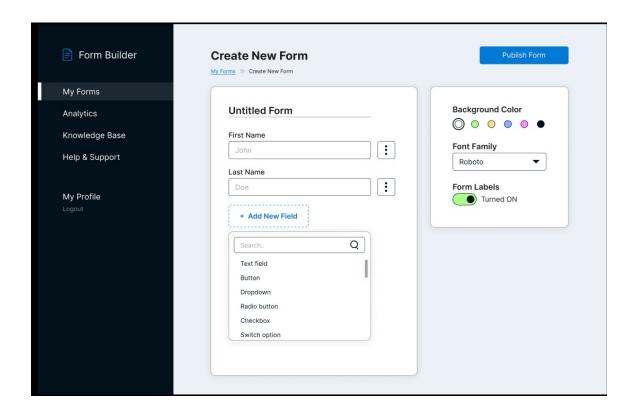
Phase 4: Render the Generated Form

• Create a view to render the created form.

Testing and Coding Standards

- Code quality, structure, and hierarchy are of primary importance.
- Follow PSR-12 coding standards, enforced via Laravel Pint.

- Improve code quality using **Rector**.
- Enforce PHP 8.1+ type declarations.
- Use strict typing enforcement.
- Implement feature tests using Pest PHP.



In this section you will see an example of the form builder. Its is for illustration purposes just to create an idea of what the task is about.