

Laravel Integration

Php.ini

```
extension=fileinfo  
extension=zip  
extension=pdo_sqlite  
extension=sqlite3
```

npm Install

```
npm install
```

```
npm install react react-dom @vitejs/plugin-react'
```

Vite.config.js

```
import { defineConfig } from 'vite';  
import laravel from 'laravel-vite-plugin';  
import react from '@vitejs/plugin-react';  
  
export default defineConfig({  
  plugins: [  
    laravel({  
      input: ['resources/css/app.css', 'resources/js/app.js',  
'resources/js/react/App.jsx'],  
      refresh: true,  
    }),  
    react(),  
  ],  
});
```

Running dev envirenement

```
npm run dev
```

Define Index.blade.php

```
<!DOCTYPE html>
<html>
<head>
    <title>Laravel React</title>
    @vite('resources/css/app.css')
</head>
<body>
    <div id="app"></div>
    @viteReactRefresh
    @vite('resources/js/app.jsx')
</body>
</html>
```

App.jsx

```
import React from "react";
import "bootstrap/dist/css/bootstrap.min.css";
function App() {
    return (
        <>
            <p>hello world</p>
        </>
    );
}

export default App;
```

TP

Write crud operations for this schema

```
public function up(): void
{
    Schema::create('courses', function (Blueprint $table) {
        $table->id();
        $table->string('name');
        $table->string('instructor');
        $table->text('description')->nullable();
        $table->string('domain')->nullable();
        $table->date('start_date')->nullable();
        $table->date('end_date')->nullable();
        $table->string('location')->nullable();
        $table->enum('status', ['active', 'inactive'])->default('active');
        $table->timestamps();
    });
}
```