PHP REST API !

The application back-end is built in PHP using Laravel 5 framework. The front-end is built in Angular 2 using TypeScript.!

 To run the php server go to the root of the folder and in terminal type **php artisan serve**.

 MySQL configuration is required to access the database.

 The. env file has **DB\_CONNECTION=mysql , DB\_NAME = mydb, DB\_USERNAME = root, DB\_PASSWORD=**

 After configuring the MySQL, run **php artisan migrate** followed by **php artisan serve**.

The CRUD REST API uses a **Customer** model having fields such as id, email and title. **The Customer Controller** handles the various**GET, POST, UPDATE AND DELETE requests.**

ANGULAR 2 FRONT-END

To run the Angular 2 front-end , dependencies are needed to be installed which can be done by running the command **npm install** by navigating to the front-end/angular2 folder**. ng serve** spins up the Angular 2 development server.

The front-end app has different components such as Create, Delete, Update and Read which perform functions related to the REST API. Each component has a .ts file, .css file and a .html which helps to separate the typescript code from the html DOM and css code.