**FoodTek Database Setup Documentation**

This document outlines the steps and commands to set up the **FoodTek** database using Laravel. It covers database configuration, migrations, and common commands to manage the database.

**Database Configuration**

* Ensure MySQL Database Is Created: -- CREATE DATABASE foodtek; --
* Update .env file for database connection.

**Migrations**

Laravel uses migrations to define the structure of database tables. To build your database, we need to create migration files and run them.

* **Generate Migration Files**

**php artisan make:migration create\_users\_table**

* **Define Table Structure in Migrations**

public function up()

{

Schema::create('users', function (Blueprint $table) {

$table->id();

$table->string('name');

$table->string('email')->unique();

$table->string('password');

$table->timestamps();

});

}

* **Run Migrations**

php artisan migrate

**Seeding the Database**

* **Create Seeder Files**

php artisan make:seeder UsersTableSeeder

* **Define Seeder Logic**
* **Run Seeders**

php artisan db:seed

**Common Laravel Commands**

 **Create a new model**: php artisan make:model ModelName

 **Create a new controller**: php artisan make:controller ControllerName

 **Create a new migration**: php artisan make:migration migration\_name

 **Run migrations**: php artisan migrate

 **Seed database**: php artisan db:seed

 **Rollback migrations**: php artisan migrate:rollback