

GROUND GURUS

# LARAVEL





# ABOUT MYSELF

- Software Developer at REDHQ
- 6+ years of Working Experience

# SKILLS

- HTML, CSS, JAVASCRIPT
- PHP, VUE, REACT, JAVA, C#
- LARAVEL, NEXT JS, NUXT JS
- TAILWIND, BOOTSTRAP
- MySql, Postgresl, Mongodb, MsSqlServer, Sqlite
- GIT, GITHUB, BITBUCKET

# TELL ME ABOUT YOURSELF

- What is your name?
- Why did you attend this course?
- What is your level of knowledge in programming?
- What do you expect to learn after this training?



# WHAT IS LARAVEL?

- Open source PHP Framework
- Aims to make dev process pleasing without sacrificing quality
- One of the most popular PHP Framework
- Uses the MVC (Model View Controller) Design Pattern

# IDE OR TEXT EDITOR

VS CODE

SUBLIME

PHPSTORM [PAID]

# ENVIRONMENT SETUP

XAMPP [ALT LARAGON]

PHP

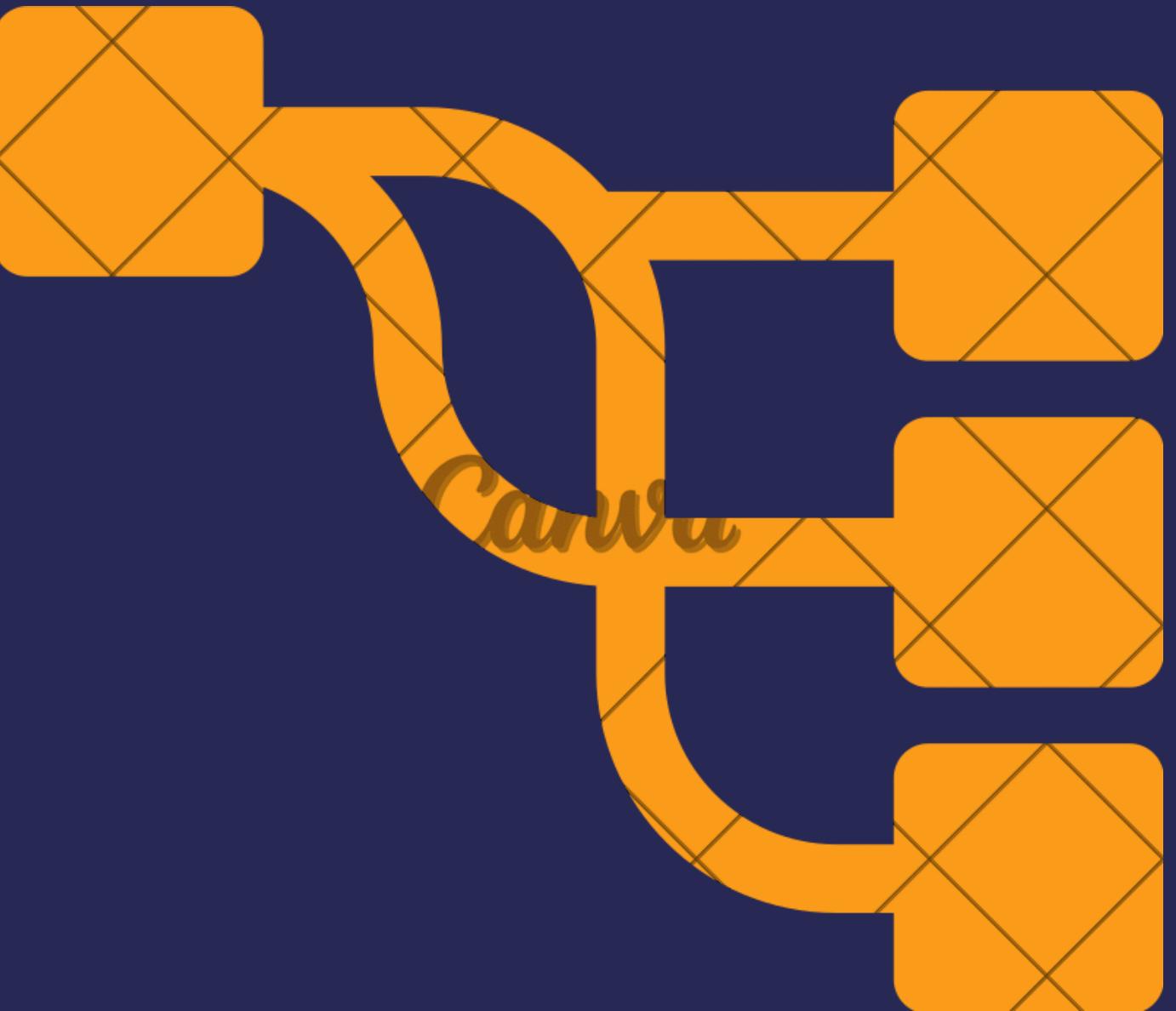
COMPOSER

LARAVEL INSTALLER

NODE JS

# ROUTING

URL to a specific piece of code that handles the request



# CONTROLLERS

Handles user input and coordinates between the Model and View.



# VIEW

Presents data and UI to the user

# SYNTAX

home.blade.php  
about.blade.php  
contact.blade.php



# MODELS

Manages data and business logic



# ELEQUENT

An object-relational mapper (ORM) that  
makes it enjoyable to interact with your  
database.

# FORM HANDLING

Database blueprint

Keeping your database in line with the latest trends.



# mIGRATIONS

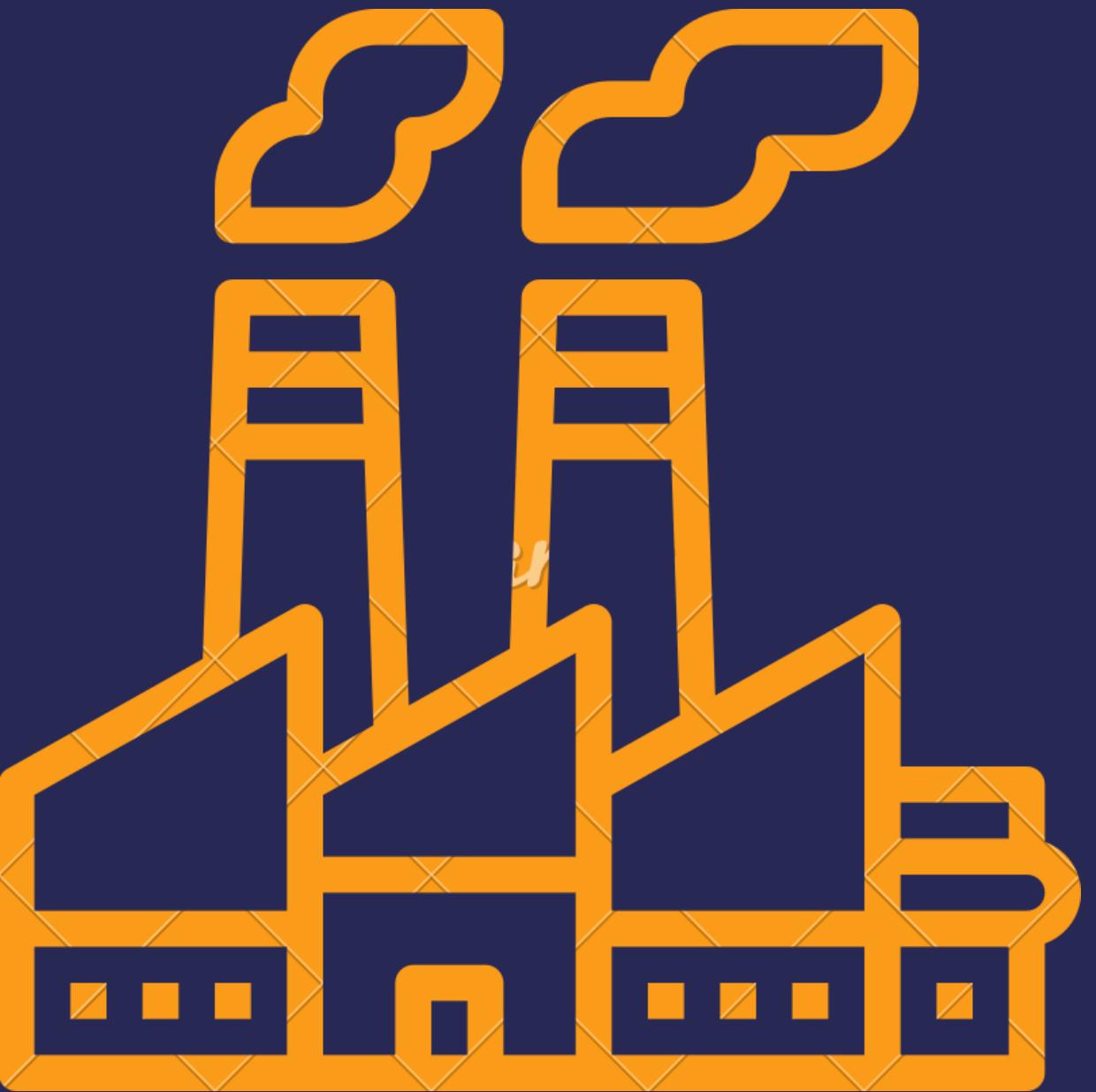
Database schema

Version control for your database.



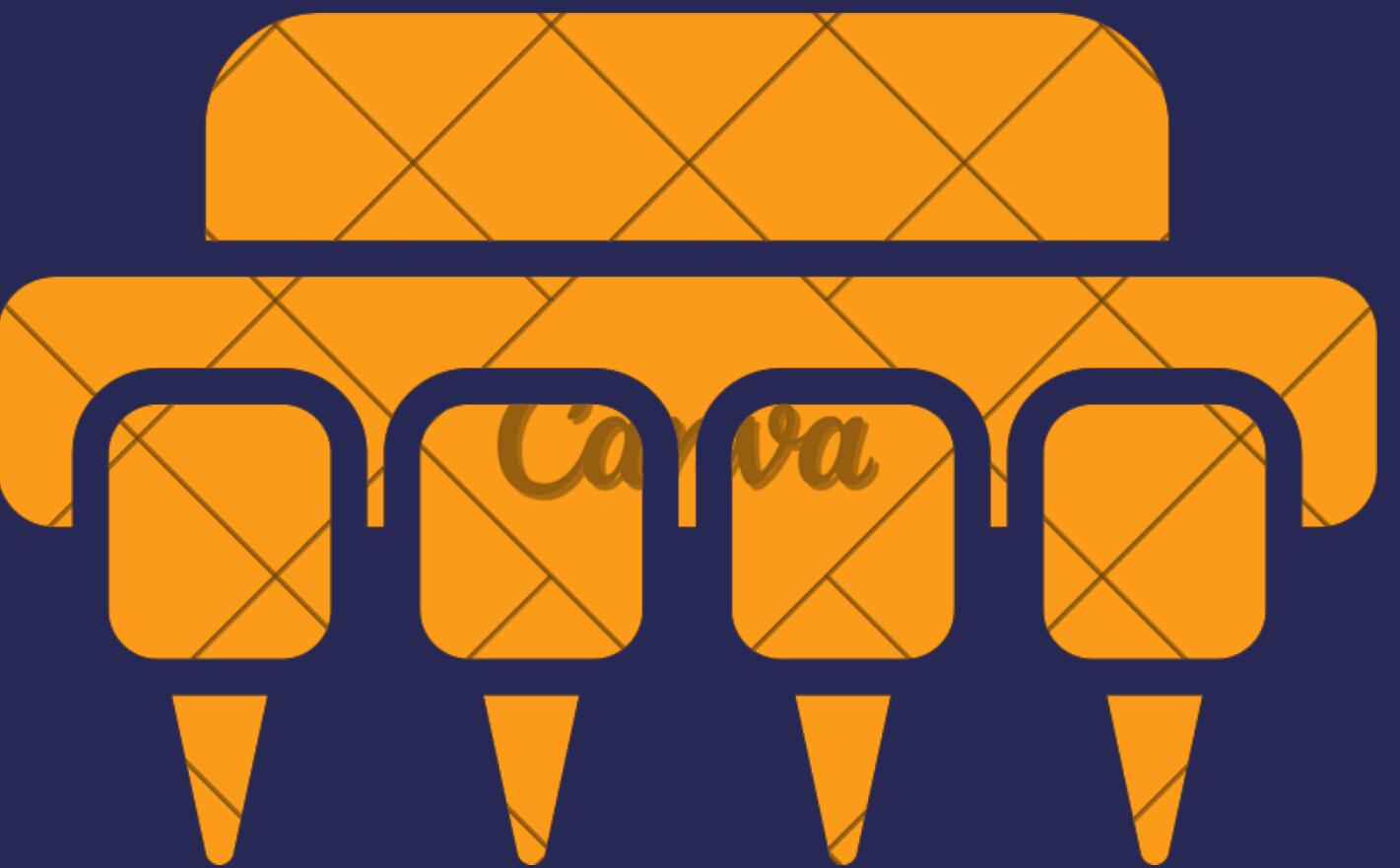
# FACTORIES

Used to generate fake data for testing  
and seeding the database.



# SEEDERS

Used to populate the database with initial data.



# AUTHENTICATION

Use Laravel Breeze or Jetstream

# MIDDLEWARE, GATES AND POLICIES

Security checks for users

# CRUD

- CREATE
- READ
- UPDATE
- DELETE



# CREATE INSERT DATA TO DATABASE



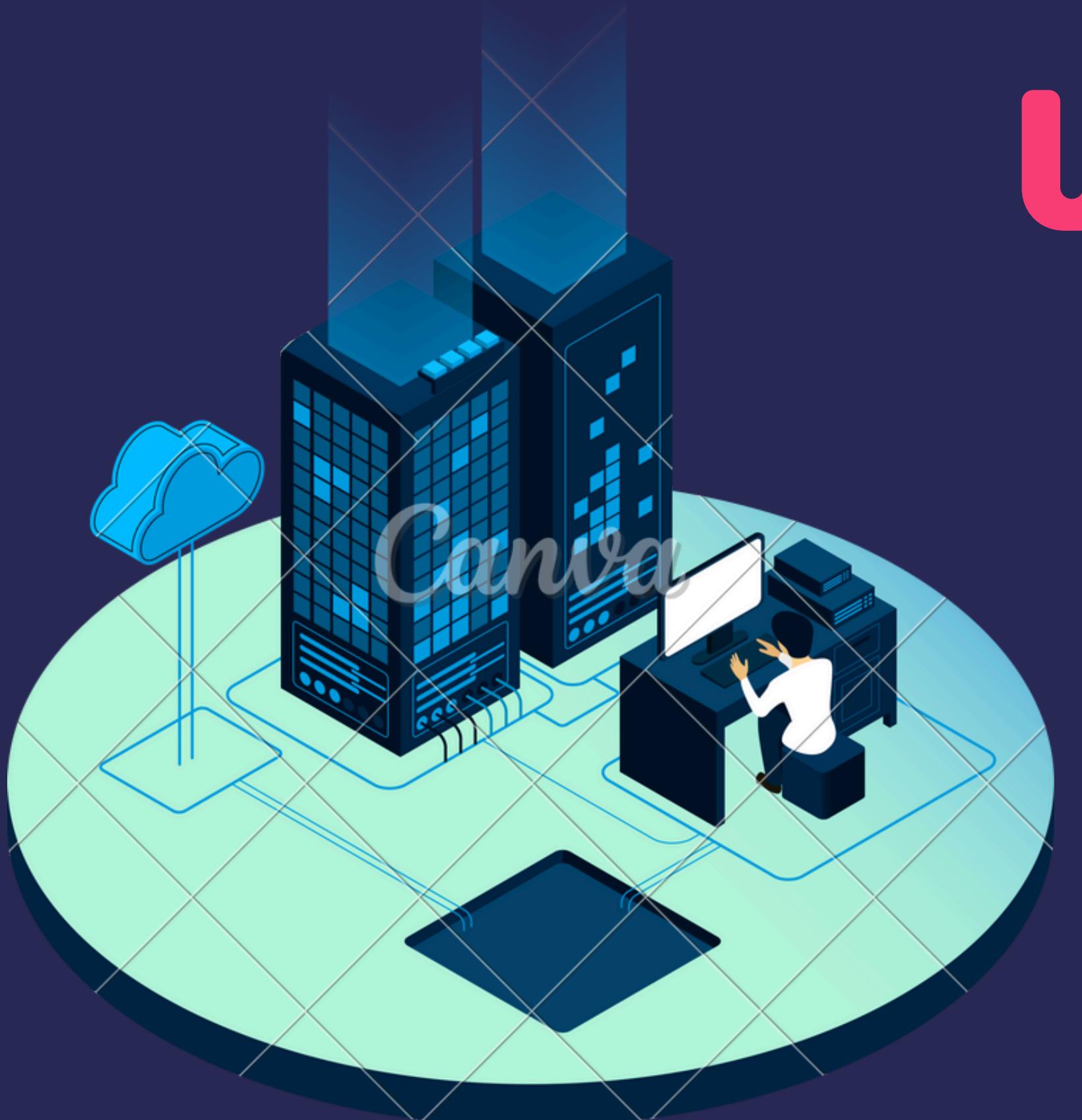
# **READ**

**DISPLAY  
DATA  
FROM  
DATABASE  
TO VIEW**



# UPDATE

UPDATE  
DATA  
FROM  
DATABASE



# **DELETE**

## **DELETE DATA FROM DATABASE**



**ADVANCE ELEQUENT**

# TESTING

Pest or PHPUnit



# DEPLOYMENT

AWS free tier  
Github Actions CI/CD



# REFERENCE

Laravel Documentation

# THANK YOU FOR LISTENING!

Justin Angelo Perez  
and  
GroundGurus



# RESOURCE PAGE

