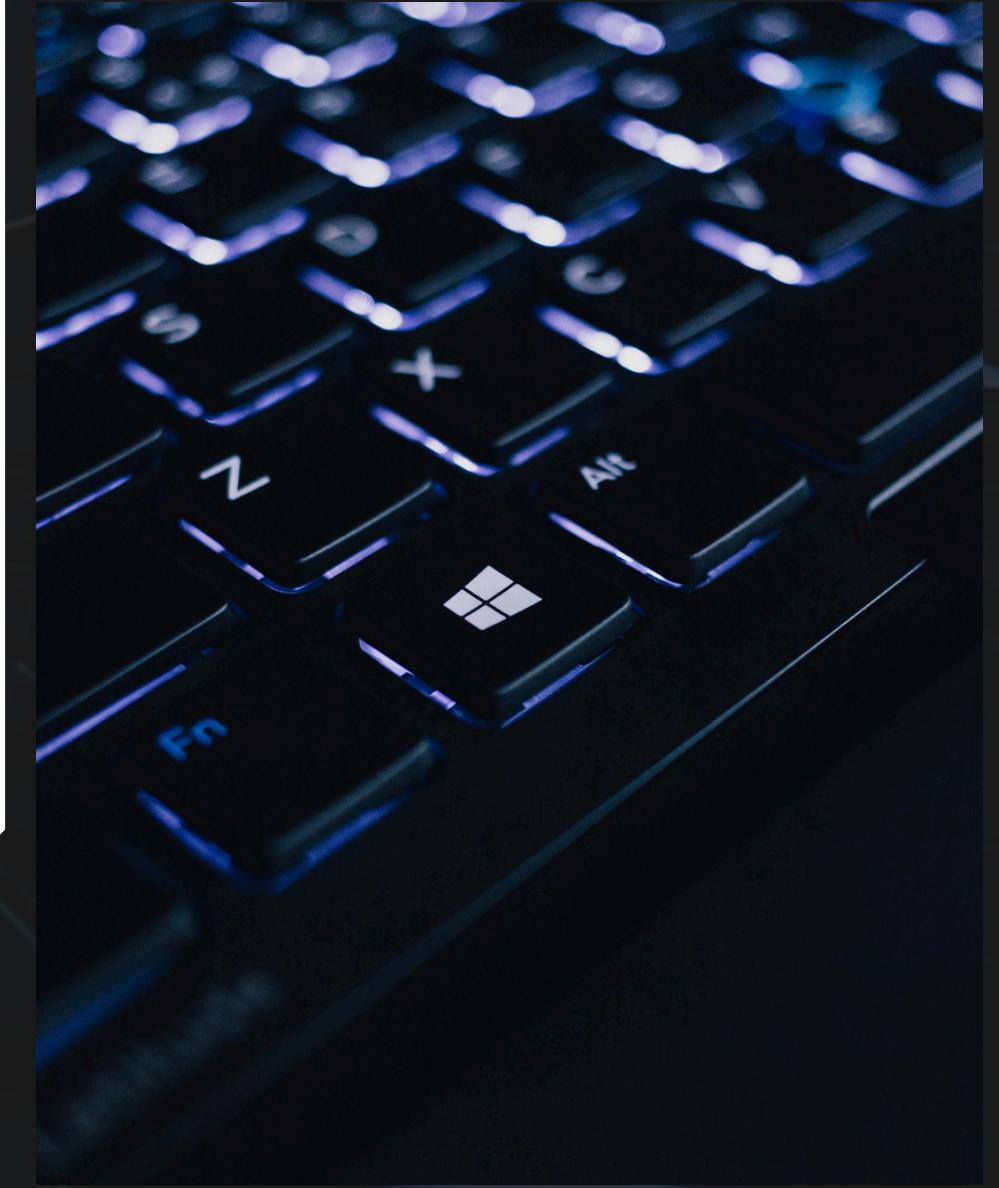


# CRUD OPERATION

MVC FRAMEWORK<sup>®</sup>

- CODEIGNITER

GROUP 2





NEXT SLIDE

# WHAT IS CRUD?

## CREATE

Adding new data to the database (e.g., as a new user registration).

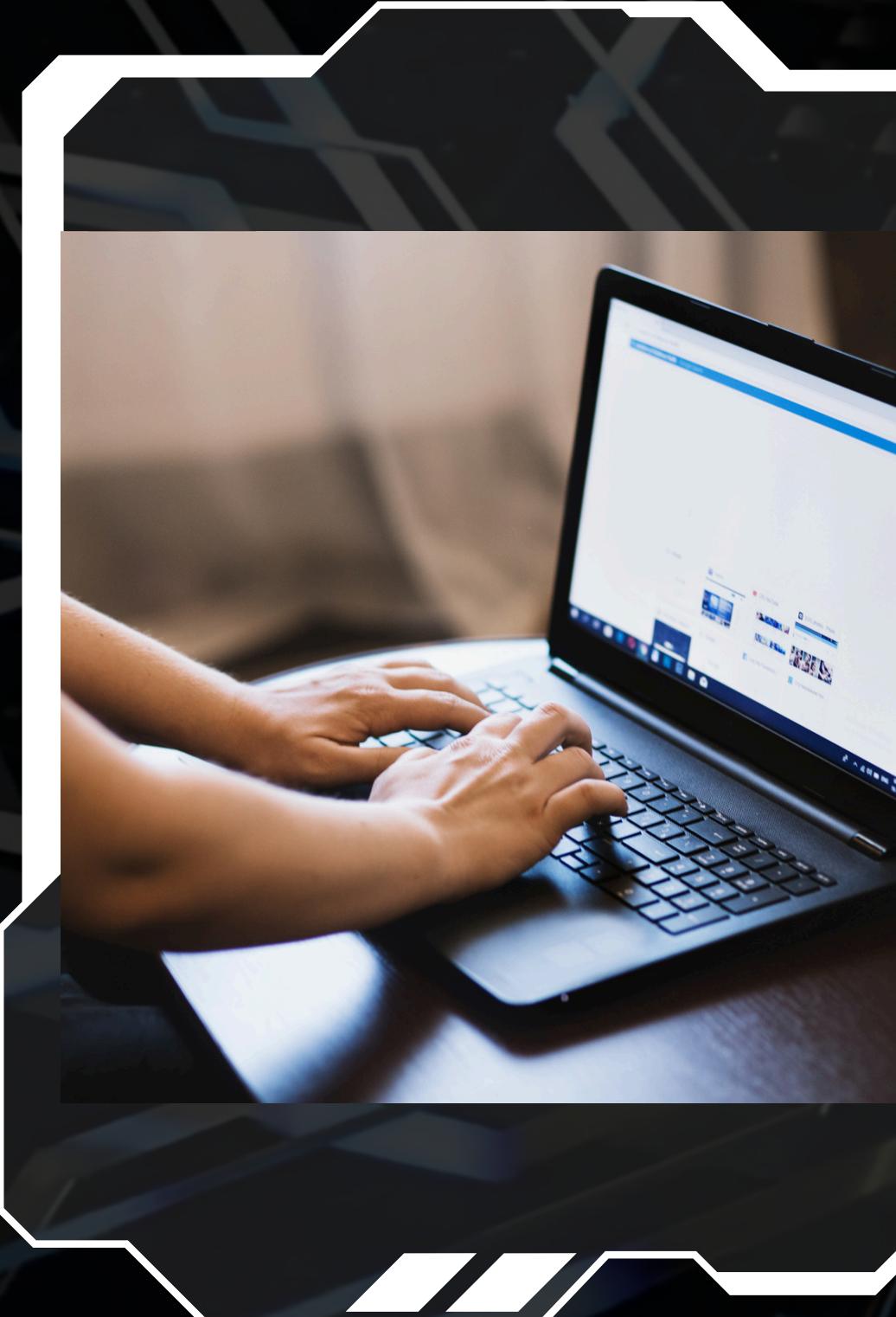
## READ

Retrieving and displaying data from the database (eg., showing a user's profile).





NEXT SLIDE



# WHAT IS CRUD?

## UPDATE

Modifying existing data in the database  
(e.g., editing profile details).

## DELETE

Removing data from the database (e.g.,  
deleting an account).



NEXT SLIDE

# THE MVC FRAMEWORK

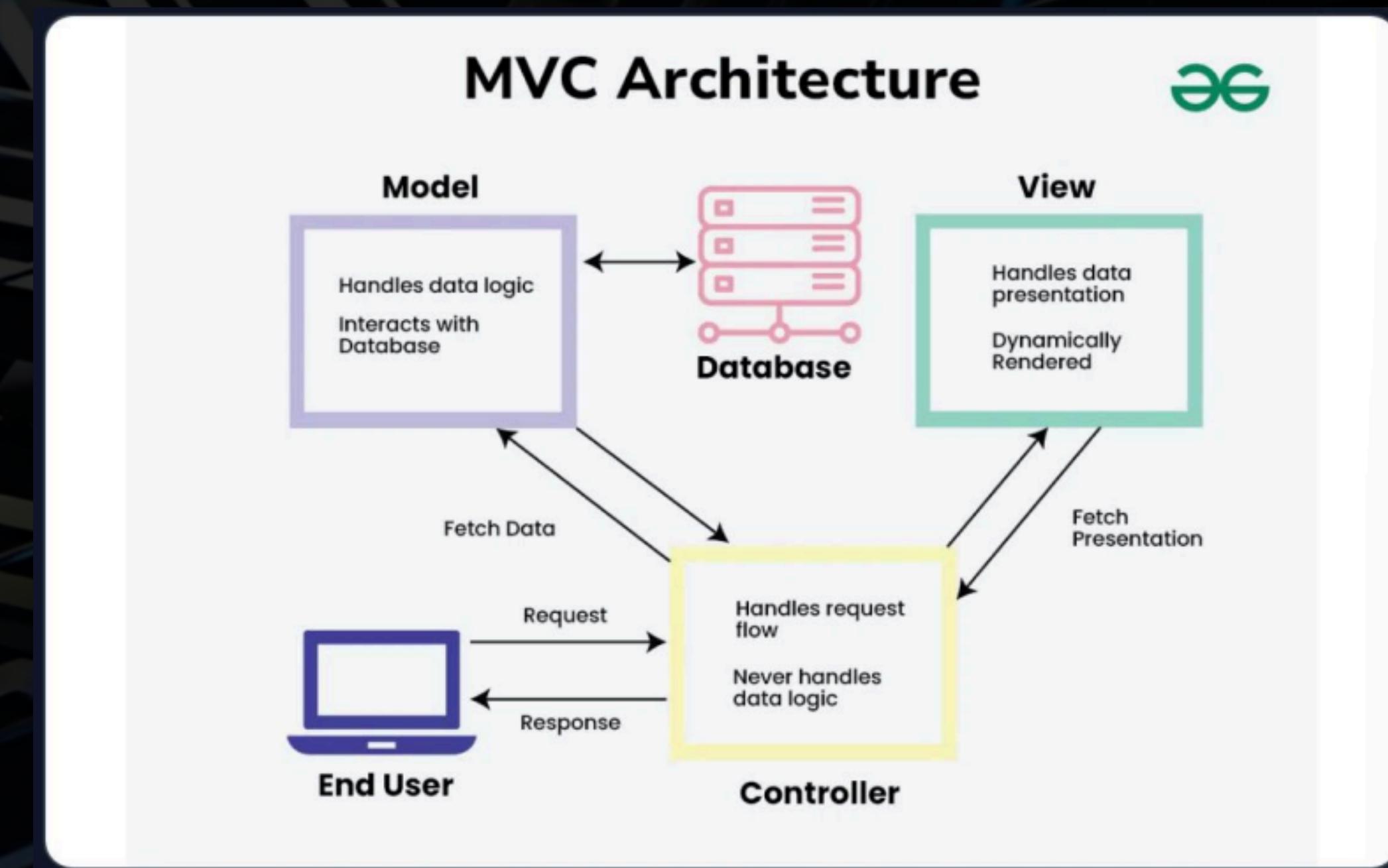
## THE MVC PATTERN

- **Model:** Manages the data and database logic.
- **View:** The user interface.
- **Controller:** The “brain” of the operation.



NEXT SLIDE

# THE MVC FRAMEWORK





NEXT SLIDE

# HOW CRUD MAPS TO MVC

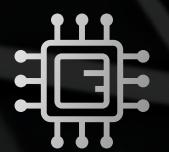
## CREATE EXAMPLE (C)

1. User fills a form (View).
2. Controller receives form data.
3. Controller tells Model to save data.
4. Model inserts into DB.

## READ EXAMPLE (R)

1. User requests a page (View)
2. Controller asks Model for data.
3. Model queries DB and returns data.
4. Controller sends data to View.





BACK



The background features a dark, abstract digital design with a hexagonal grid pattern. Interspersed among the hexagons are various glowing blue and white lines, dots, and small icons, suggesting a complex network or circuit board. A faint, stylized brain-like shape is visible in the center-left area. The overall aesthetic is futuristic and technological.  
**THANK YOU!**