

Nama : Muh. Nur Afrizal

NIM : 222212738

Kelas / No : 2KS1 / 25

MODUL 13 PEMROGRAMAN BERBASIS WEB

MENGELOLA DATABASE PADA CODE IGNITER

1. Command Line

php spark

```
muham@Afrizal MINGW64 /g/My Drive/00. Tingkat 2/Pemrograman Berbasis Web/P13/portfolio-app (main)
• $ php spark

CodeIgniter v4.5.1 Command Line Tool - Server Time: 2024-05-28 11:59:44 UTC+00:00

Cache
  cache:clear      Clears the current system caches.
  cache:info       Shows file cache information in the current system.

CodeIgniter
  config:check     Check your Config values.
  env              Retrieves the current environment, or set a new one.
  filter:check     Check filters for a route.
  help            Displays basic usage information.
  list            Lists the available commands.
  namespaces       Verifies your namespaces are setup correctly.
  optimize         Optimize for production.
  phpini:check     Check your php.ini values.
  publish         Discovers and executes all predefined Publisher classes.
  routes          Displays all routes.
  serve           Launches the CodeIgniter PHP-Development Server.

Database
  db:create        Create a new database schema.
  db:seed          Runs the specified seeder to populate known data into the database.
  db:table         Retrieves information on the selected table.
  migrate         Locates and runs all new migrations against the database.
  migrate:refresh  Does a rollback followed by a latest to refresh the current state of the database.
  migrate:rollback Runs the "down" method for all migrations in the last batch.
  migrate:status   Displays a list of all migrations and whether they've been run or not.

Encryption
  key:generate     Generates a new encryption key and writes it in an '.env' file.

Generators
  make:cell        Generates a new Controlled Cell file and its view.
  make:command     Generates a new spark command.
  make:config      Generates a new config file.
  make:controller  Generates a new controller file.
  make:entity      Generates a new entity file.
  make:filter      Generates a new filter file.
  make:migration   Generates a new migration file.
  make:model       Generates a new model file.
  make:scaffold    Generates a complete set of scaffold files.
```

php spark help db:create

```
• $ php spark help db:create

CodeIgniter v4.5.1 Command Line Tool - Server Time: 2024-05-28 12:01:01 UTC+00:00

○ Usage:
  db:create <db_name> [options]

Description:
  Create a new database schema.

Arguments:
  db_name  The database name to use

Options:
  --ext  File extension of the database file for SQLite3. Can be 'db' or 'sqlite'. Defaults to 'db'.
```

Nama : Muh. Nur Afrizal
NIM : 222212738
Kelas / No : 2KS1 / 25

2. Membuat Project Baru dan Konfigurasi

```
muham@Afrizal MINGW64 /g/My Drive/00. Tingkat 2/Pemrograman Berbasis Web/P13/portfolio-app (main)
• $ php spark make:migration create_portofolios_table

CodeIgniter v4.5.1 Command Line Tool - Server Time: 2024-05-28 12:04:04 UTC+00:00

File created: APPPATH\Database\Migrations\2024-05-28-120405_CreatePortofoliosTable.php

muham@Afrizal MINGW64 /g/My Drive/00. Tingkat 2/Pemrograman Berbasis Web/P13/portfolio-app (main)
• $ php spark migrate

CodeIgniter v4.5.1 Command Line Tool - Server Time: 2024-05-28 12:04:45 UTC+00:00

Running all new migrations...
Running: (App) 2024-05-28-120405_App\Database\Migrations\CreatePortofoliosTable
Migrations complete.

muham@Afrizal MINGW64 /g/My Drive/00. Tingkat 2/Pemrograman Berbasis Web/P13/portfolio-app (main)
• $ php spark make:model PortfolioModel

CodeIgniter v4.5.1 Command Line Tool - Server Time: 2024-05-28 12:05:13 UTC+00:00

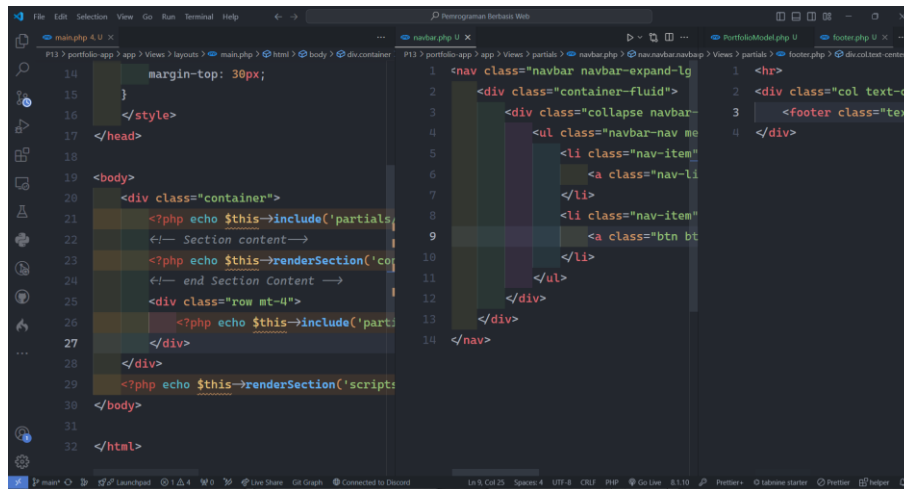
File created: APPPATH\Models\PortfolioModel.php

muham@Afrizal MINGW64 /g/My Drive/00. Tingkat 2/Pemrograman Berbasis Web/P13/portfolio-app (main)
• $ php spark make:entity Portfolio

CodeIgniter v4.5.1 Command Line Tool - Server Time: 2024-05-28 12:05:44 UTC+00:00

File created: APPPATH\Entities\Portfolio.php
```

3. Membuat View Layout



4. CRUD: Menambah Data Portfolio

My Portfolio

Create New

Create Portfolio

The title field is required.

The description field is required.

Image is not a valid uploaded file.

Title

Description

Image

Pilih File

Tidak ada file yang dipilih

Save

Back

allrow © 2024

Nama : Muh. Nur Afrizal
NIM : 222212738
Kelas / No : 2KS1 / 25

5. CRUD: Menampilkan Data Portfolio

My Portfolio [Create New](#)

Successfully create a new portfolio.

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
958641	mm-data	20	0	255408	50444	39336	R	20.2	1.3	0:12.97	php-fpm8.2
958645	mm-data	20	0	255832	47880	37412	R	18.9	1.2	0:00.80	php-fpm8.2
958642	mm-data	20	0	328228	52560	40680	R	17.5	1.3	0:04.83	php-fpm8.2
756	mysql	20	0	1544048	172980	23744	S	12.6	4.3	69:44.98	mysql
901474	mm-data	20	0	98328	26464	18560	S	3.6	0.7	6:28.67	nginx
22	root	20	0	0	0	0	S	1.3	0.0	44:83.88	ksftimg/1
14	root	20	0	0	0	0	I	0.7	0.0	212:25.96	rcu_sched
90	root	0	-20	0	0	0	I	0.3	0.0	1:04.85	knworker/0-1H-4b/locked
958534	afrizal	20	0	10904	3752	3152	R	0.3	0.1	0:02.34	top
958595	root	20	0	0	0	0	I	0.3	0.0	0:00.83	knworker/u4-0-writeback
1	root	20	0	167848	13220	8260	S	0.0	0.3	15:25.88	systemd
2	root	20	0	0	0	0	S	0.0	0.0	0:01.46	ktreadd

Consequatur aut lab

Non nemo esse et ali

Hello Shiny!

Number of bins: 30

Sit debitis dolor ip

Dolore veniam velit

6. CRUD: Mengubah Data Portfolio

My Portfolio [Create New](#)

Update Portfolio

Title

Sit debitis dolor ip baru

Description

Dolore veniam velit edited

Image

Pilih File

Screenshot 2024-05-21 203815.png

Hello Shiny!

Number of bins: 30

My Portfolio [Create New](#)

Successfully update portfolio.

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
958641	mm-data	20	0	255408	50444	39336	R	20.2	1.3	0:12.97	php-fpm8.2
958645	mm-data	20	0	255832	47880	37412	R	18.9	1.2	0:00.80	php-fpm8.2
958642	mm-data	20	0	328228	52560	40680	R	17.5	1.3	0:04.83	php-fpm8.2
756	mysql	20	0	1544048	172980	23744	S	12.6	4.3	69:44.98	mysql
901474	mm-data	20	0	98328	26464	18560	S	3.6	0.7	6:28.67	nginx
22	root	20	0	0	0	0	S	1.3	0.0	44:83.88	ksftimg/1
14	root	20	0	0	0	0	I	0.7	0.0	212:25.96	rcu_sched
90	root	0	-20	0	0	0	I	0.3	0.0	1:04.85	knworker/0-1H-4b/locked
958534	afrizal	20	0	10904	3752	3152	R	0.3	0.1	0:02.34	top
958595	root	20	0	0	0	0	I	0.3	0.0	0:00.83	knworker/u4-0-writeback
1	root	20	0	167848	13220	8260	S	0.0	0.3	15:25.88	systemd
2	root	20	0	0	0	0	S	0.0	0.0	0:01.46	ktreadd

Consequatur aut lab

Non nemo esse et ali

File Edit View Database

File Edit

MM

11111

ETSET

123456

222212738

Nama

11111

ETSET

123456

222212738

Jenis Koneksi

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

Ura

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

Alamat

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

Prosedur

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

Hole

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

Simpan

Message

Subsistem Tersebut

OK

Sit debitis dolor ip baru

Dolore veniam velit edited

Nama : Muh. Nur Afrizal
NIM : 222212738
Kelas / No : 2KS1 / 25

7. CRUD: Menghapus Data Portfolio

