

Final Project

Layout

Mainpage:

Find a Pokemon

Add a Pokemon

POKÉDEX

Find a pokemon:

Find a Pokemon

Pikachu



Add/Modify pokemon:

Add/Modify

DATABASE

pokemon	
♦ <u>id</u>	INTEGER
• name	STRING
• type	JSON
• abilities	JSON
• moves	JSON
○ sprite	STRING

```
CREATE DATABASE pokeDatabase;  
CREATE USER pokeUser@localhost IDENTIFIED BY "abc123.";  
GRANT ALL PRIVILEGES ON *.* TO pokeUser@localhost;  
FLUSH PRIVILEGES;
```

```
DATABASE_URL="mysql://pokeUser:abc123..@127.0.0.1:3306/pokeDatabase?serverVersion=8.0.32&charset=utf8mb4"
```

My Project

This project is based in the pokeapi (<https://pokeapi.co/>). This resource lets you retrieve all data from the 1025 existing pokemon and other pokemon related topics (items, characters...)

I wanted to make it more visual, not everyone knows how to read a JSON!

I used symfony, twig, maker(entities and forms), doctrine, webpack...

Twig helped me defining the templates I use for the project, it makes it so easy.

With Maker I created the entities of the database as well as the forms needed to add and update pokemon.

Doctrine is used to work with the database. It helps you define the operations and queries you need for the app.

Webpack makes it easier in the design side, helping you with the css and the images

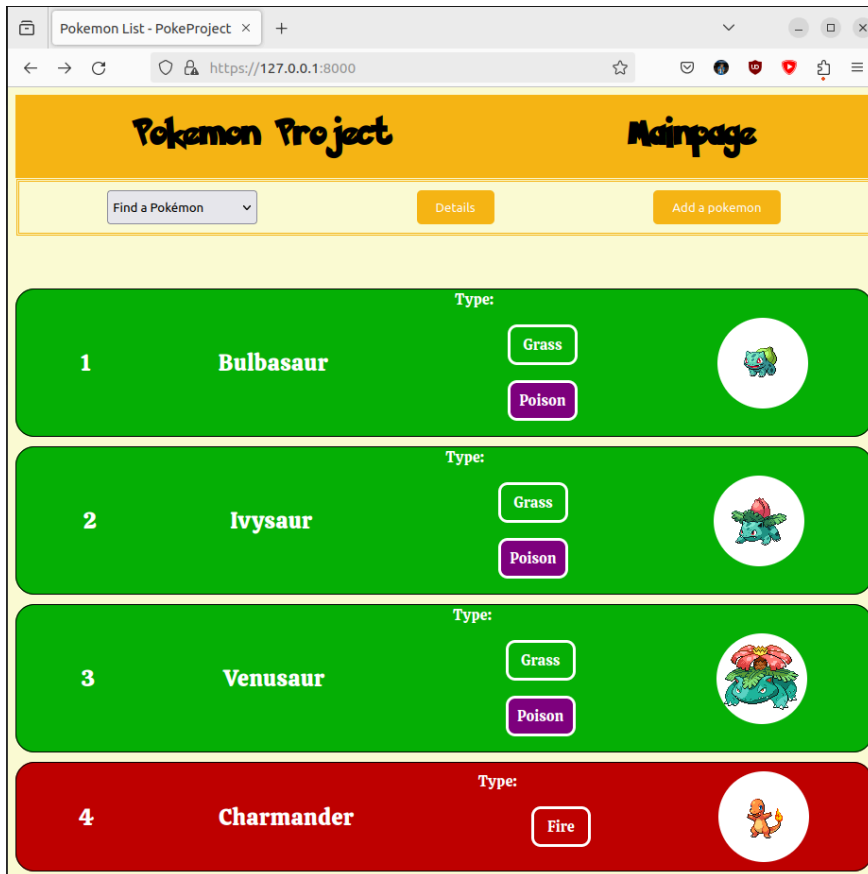
Some details I want to add:

- Pokemon cards' color depends on the pokemon type. If they are dual-typed it will be reflected in their second type slot and in the pokemon info page

- Knowing that the initial data load can be huge (over 1000 pokemon) I decided to add the lazy attribute to the images, making them to load only when needed
- I used the same twig template for both adding and updating data which saved me a lot of time. I just needed a few "if" statements to differentiate them

Screenshots

Mainpage:



There over 1000 pokemon in the database:

Pokemon List - PokeProject

https://127.0.0.1:8000


645

Landorus-incarnate

Type:

Ground

Flying




646

Kyurem

Type:

Dragon

Ice




647

Keldeo-ordinary

Type:

Water

Fighting




648

Meloetta-aria

Type:

Normal

Psychic




649

Genesect

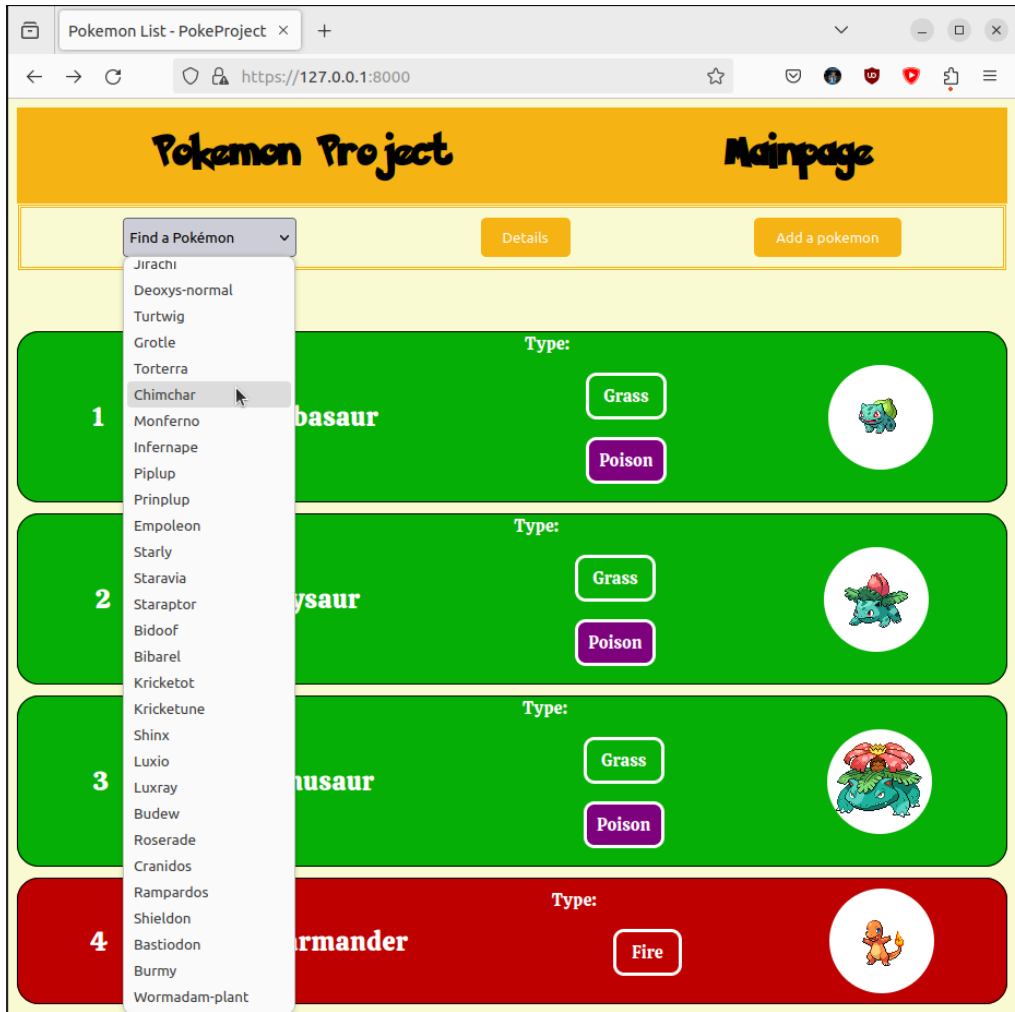
Type:

Bug

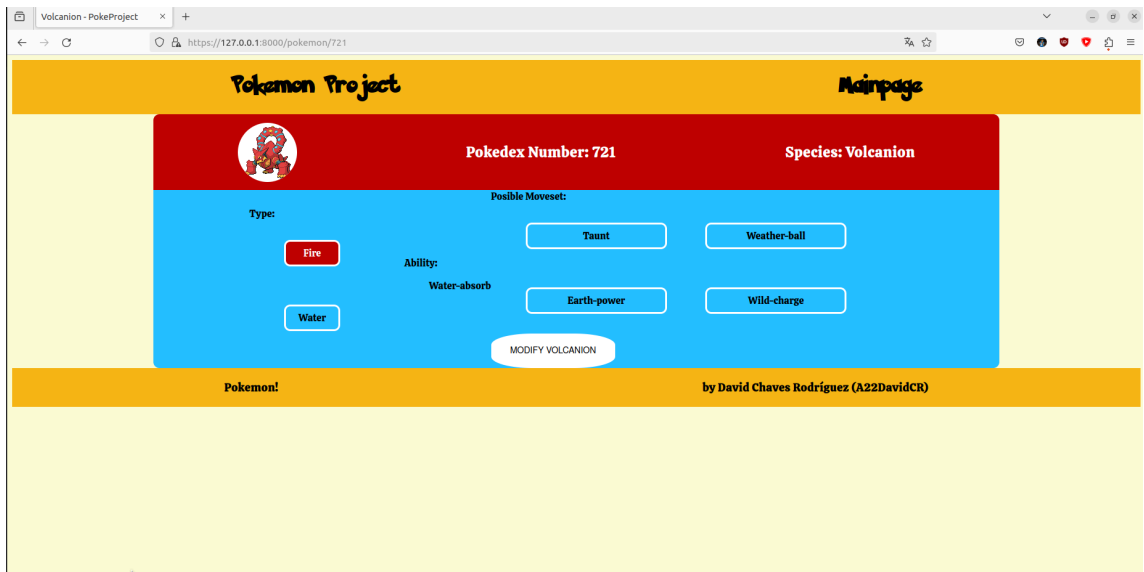
Steel



Find a pokemon:



Pokemon details:



Add a pokemon:

Modify Pokemon - PokePro

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https://127.0.0.1:8000/add

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Pokemon Project

Mainpage

Add Pokemon



Name

Type

(1)

Abilities

(1)

Moves

(1)

Sprite

Save