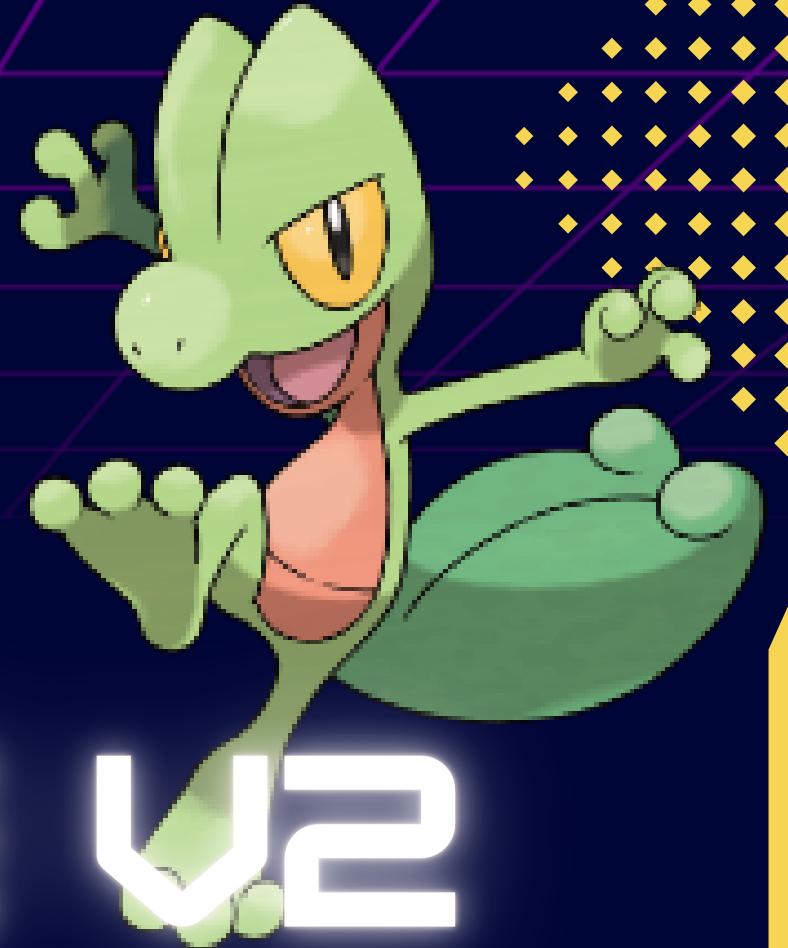


POKEMON BATTLE V.2



Created by Push Coat



START

PREPARE TO BATTLE!

Imagine being able to play Pokémon
everywhere you can access the web; no need
to install anything, just your Pokemon Team;
and a world full of new Pokémon to catch.

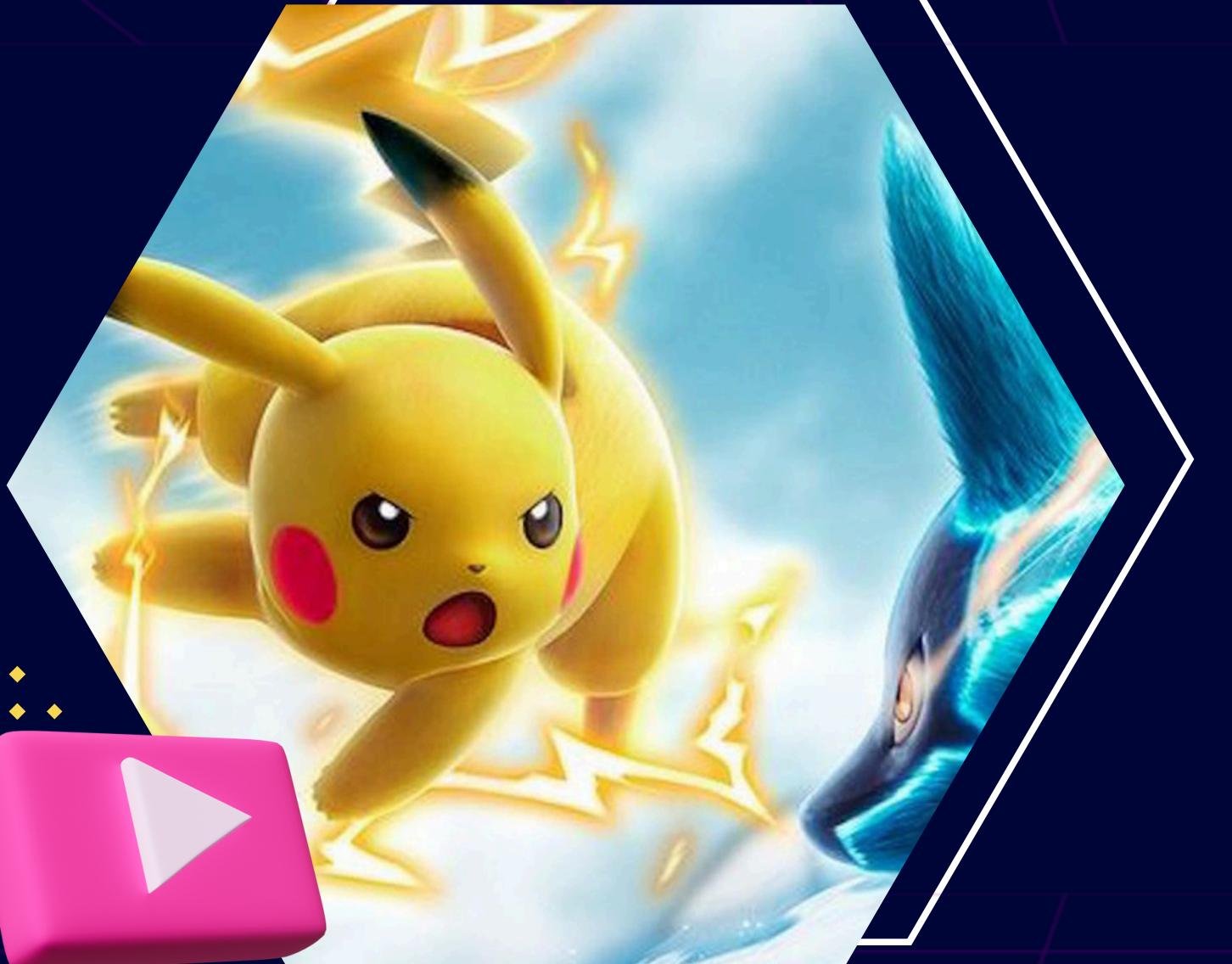
CONTINUE



“

Because every
adventure starts with a
simple step!

PUSH COAT



CONCEPT

Pokémon Battle Simulator V2

Push Coat



DESCRIPTION

Pokemon Battle Simulator V2 is a web application that simulates a Pokémon Battle.

You can choose your Starter Pokémon, battle random Pokémon, catch them, attack on command, purchase items from the store and apply them to your Pokémons.



MOTIVATION

As **super fans** of Pokémon we want to experience a **fresh** take on Pokémon battles in our **browser** without having to install anything.

The first version of Pokémon Battle Simulator was a front-end only approach that gave us the foundation that we wanted to build on. With this **second edition** we pushed our limits in development, bringing you a better, stronger and more **interactive** version of our vision.



USER STORY

As a Pokémon Trainer,
I want to collect Pokémon, battle them, heal
them after a battle, catch them, earn
PokéDollars and purchase items that I can use.

I want to see an animated battle so that I know
which Pokémon is attacking.
I want to level up my Pokémon,
So that I can become the very best trainer!

PROCESS

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TECHNOLOGIES

GSAP (animations)
Handlebars (template engine)
Bulma CSS (styling)
Express.js & Node.js
PostgreSQL and Sequelize ORM (database)
Bcrypt
PokéAPI

CHALLENGES & SUCCESSES

A.

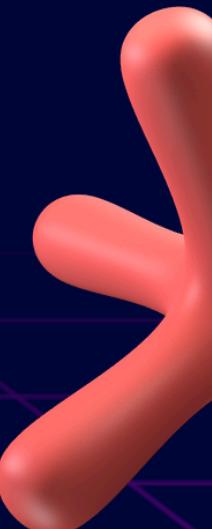
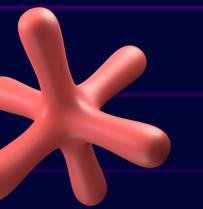
CHALLENGES

- Distributing responsibilities within the project.
- Getting battle animations to be responsive on mobile views.
- Integrating the back-end with the front-end using our RESTful API.

B.

SUCCESSES

- Choose your starter Pokémon on user sign up.
- Functioning battle with working animations.
- A working Store for purchasing items with Pokédollars.
- A functional Wallet that updates.
- Items that you can use on your Pokémon from Backpack.
- Animations on all Pokémon "cards" as well as items.



PLAYERS



COLIN

VIEWS / STYLING / LOGIC

CSS STYLES
BATTLE, STORE,
DASHBOARD, BACKPACK
VIEWS
STORE LOGIC
BATTLE LOGIC
README



ALEKSANDR

LOGIC / MODELS

ARCHITECTURE
DATABASE
BATTLE LOGIC
CONTROLLERS
MULTIPLE OVERALL
CONTRIBUTIONS



LEENA

VIEWS / LOGIC

HANDLEBARS MAIN,
DASHBOARD, LOGIN
WALLET LOGIC
ITEM USE LOGIC
CONTROLLERS
LOGIN/SIGNUP LOGIC
PRESENTATION
CSS CONTRIBUTIONS



BRYAN

LOGIC

ABILITIES LOGIC,
FRONT END AND BACK
END

NEXT

Pokémon Battle Simulator V2

New Features

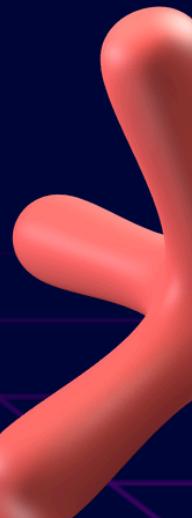
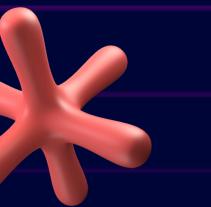
NEXT FEATURES

A.

FEATURES

- Add a chance to **receive items** on **battle** win including Pokémon eggs.
- Add **more items** to the store for **specific usage**.
- Add more ways to **catch** Pokémon for your collection.
- Increase the **max level** of Pokémon and add more abilities.

- Add **Daycare** view with egg incubators for hatching eggs to a random Pokémon for your collection.
- Add Pokémon "type" logic, example: fire, water, grass and so on.
- Add different **battlefield views** based on opponent Pokémon type.
- Add Pokémon **attacks** that can be chosen during battle, example: slash, bite, tackle and so on.
- Add **individual animations** for specific attacks.



DEMO

Pokémon Battle Simulator V2

[HTTPS://POKEMON-BATTLE-BFGC.ONRENDER.COM](https://pokemon-battle-bfgc.onrender.com)

How it works

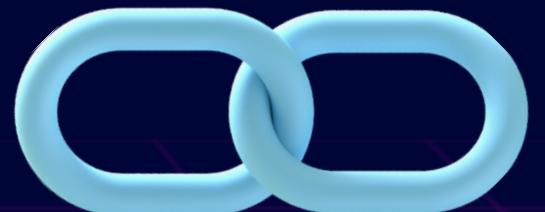
HOW TO ACCESS

DEPLOYED WEB APP:

[HTTPS://POKEMON-BATTLE-BFGC.ONRENDER.COM](https://pokemon-battle-bfgc.onrender.com)

REPOSITORY:

[HTTPS://GITHUB.COM/IKEYTOLIFE/POKEMON-BATTLE-V2](https://github.com/IkeyToLife/pokemon-battle-v2)



REFERENCES

Pokémon Battle Simulator V2

Resources & Credits

REFERENCES

- INSTRUCTION BY UNIVERSITY OF MINNESOTA EDX
BOOTCAMP
- POKEMON API DOCUMENTATION
- BULMA CSS DOCUMENTATION
- GSAP DOCUMENTATION
- MOZILLA DEVELOPERS NETWORK
- W3 SCHOOLS
- SLIDES BY CANVA
- POKEMON FAN ART BY KORI ARREDONDO
- POKEMON OFFICIAL ART BY NINTENDO
- XPERT LEARNING ASSISTANT
- A TON OF GOOGLE SEARCHES...

THANKS

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