Mini Pokedex – SEIF 13 Project 2

Introduction

Welcome to the Pokemon-Seif-13-P2 website! This website is a project created by Woon Zhien and serves as a hub for Pokemon enthusiasts to explore and interact with Pokemon-related information. Whether you're a long-time fan or a newcomer to the Pokemon world, this website provides a comprehensive resource for all things Pokemon.

Website Functionality

The Pokemon-Seif-13-P2 website offers a range of features and functionality to enhance your Pokemon experience:

1. **Pokedex**: Access a complete Pokedex featuring various Pokemon species. Browse through the extensive collection, view their details, and learn about their characteristics (weight and height), including their type, and evolution chain.
2. **Pokemon Search**: Utilize the search functionality to quickly find information about a specific Pokemon. Simply enter the name of the Pokemon you're interested in, and the website will display its picture for you to click in to explore.
3. **Interactive Pokemon Details**: Each Pokemon has its dedicated page, showcasing a wealth of information. Interact with the page by clicking on the evolution chain to see its evolve Pokemon characteristics.
4. **Responsive Design**: The website is designed to be responsive, providing an optimal viewing experience across various devices, including desktop computers, tablets, and mobile phones.

Getting Started

To get started with the Pokemon-Seif-13-P2 website, follow these steps:

1. Visit the website by clicking on the following link: Pokemon-Seif-13-P2.
2. Upon reaching the website, take a moment to familiarize yourself with the layout and navigation options available.
3. Explore the Pokedex section to discover the vast array of Pokemon species. Click on a Pokemon to access its detailed information page.
4. On a Pokemon's page, you can view its type, characteristics and evolution chain. Feel free to interact with the Pokemon's sprite.

5. Use the search bar at the top of the website to quickly find specific Pokemon by name.

Technologies Used

The Pokemon-Seif-13-P2 website has been developed using the following technologies and tools:

- **CSS**: The website is styled using CSS to provide an appealing and user-friendly interface.
- **JavaScript**: The website is powered by React.js
- **Pokemon API**: The website leverages a Pokemon API to retrieve accurate and up-to-date information about Pokemon species.

Future Enhancements

While the current version of the Pokemon-Seif-13-P2 website is already impressive, there are several potential future enhancements that could be considered:

1. **Battle Simulator**: Integrate a battle simulator feature that enables users to simulate battles between different Pokemon and evaluate their strengths and weaknesses.
2. **Community Interaction**: Add a community forum or chat functionality where users can discuss Pokemon-related topics, share strategies, and connect with fellow enthusiasts.
3. **Additional Information**: Expand the available information for each Pokemon, including details about their lore, breeding, and in-game rarity.
4. **Localization**: Provide support for multiple languages to make the website accessible to a wider global audience.
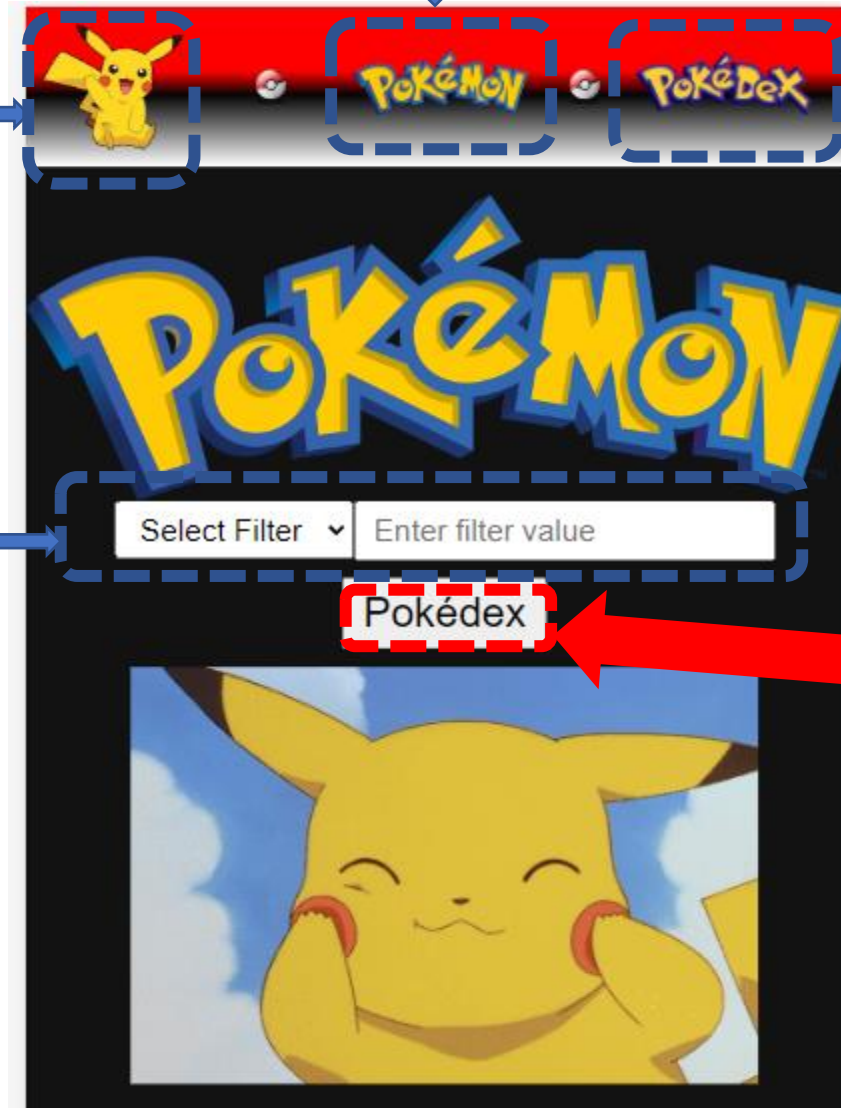
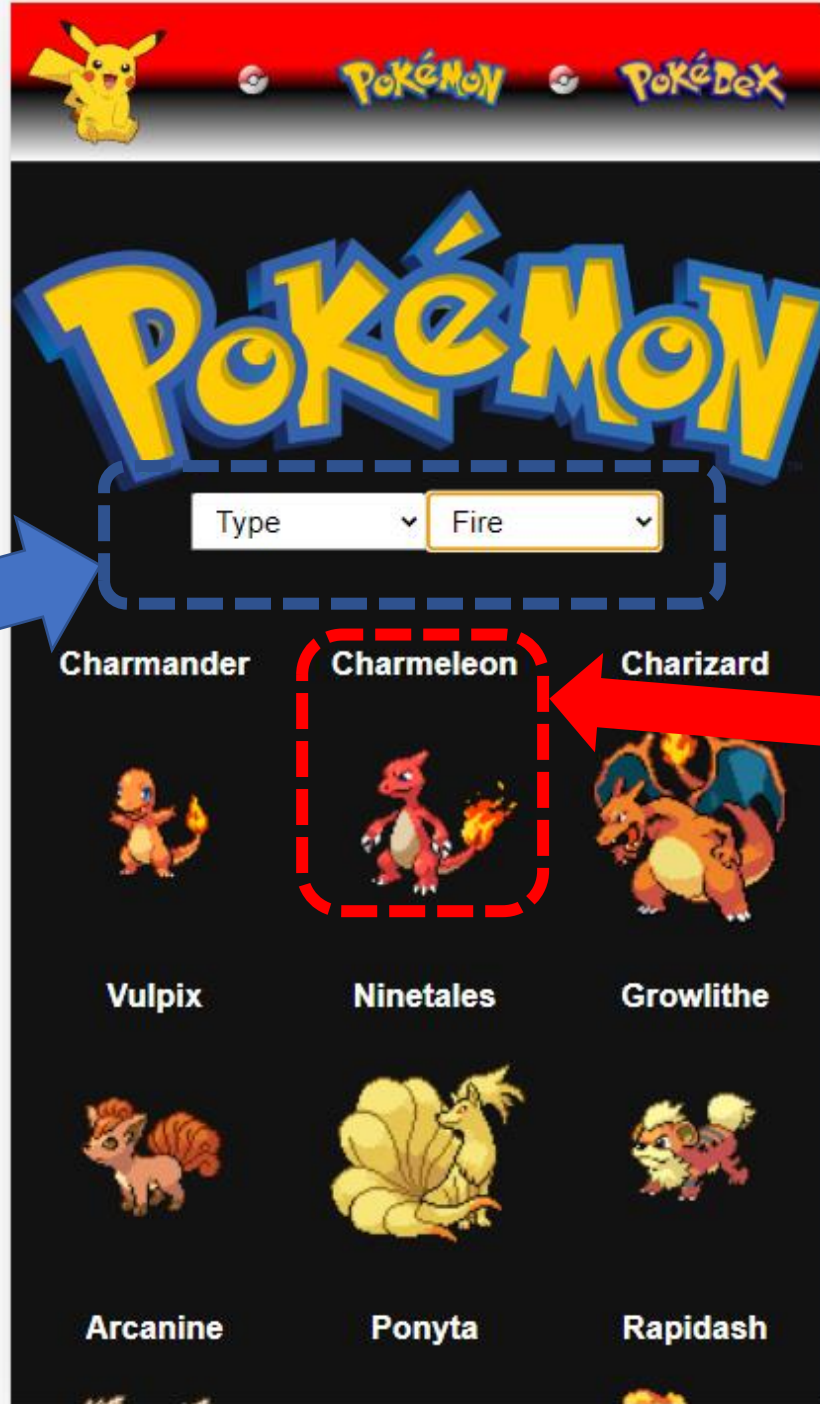Home button to click to the current search page as below

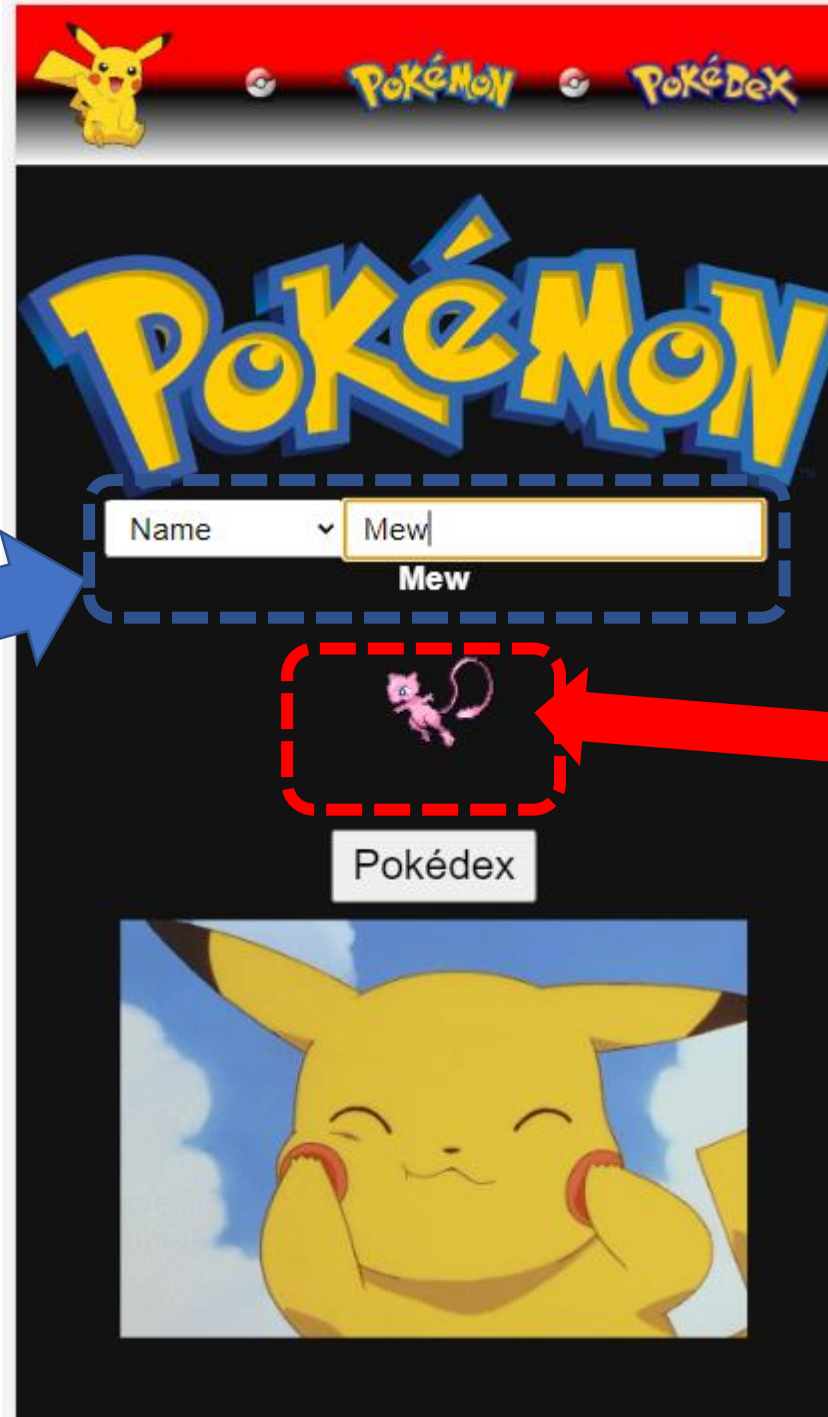Waving Pikachu but also a functional back button

Links you to the Pokedex page

POKÉMON

POKÉDEX

Filter using name/or Pokemon type

Select Filter

Enter filter value

Pokédex

Links you to the Pokedex page

Filter using Pokemon type

Clickable and Links you to the Pokemon page

Type | Fire

Charmander   Charmeleon   Charizard

Vulpix   Ninetales   Growlithe

Arcanine   Ponyta   Rapidash

Filter using name

Clickable and links you to the Pokemon page

Pokemon Search Result

POKÉMON POKéDex

Ivysaur

Fun Facts

Type: Grass, Poison
Height: 100cm
Weight: 13kg

Evolution

Bulbasaur   Ivysaur   Venusaur
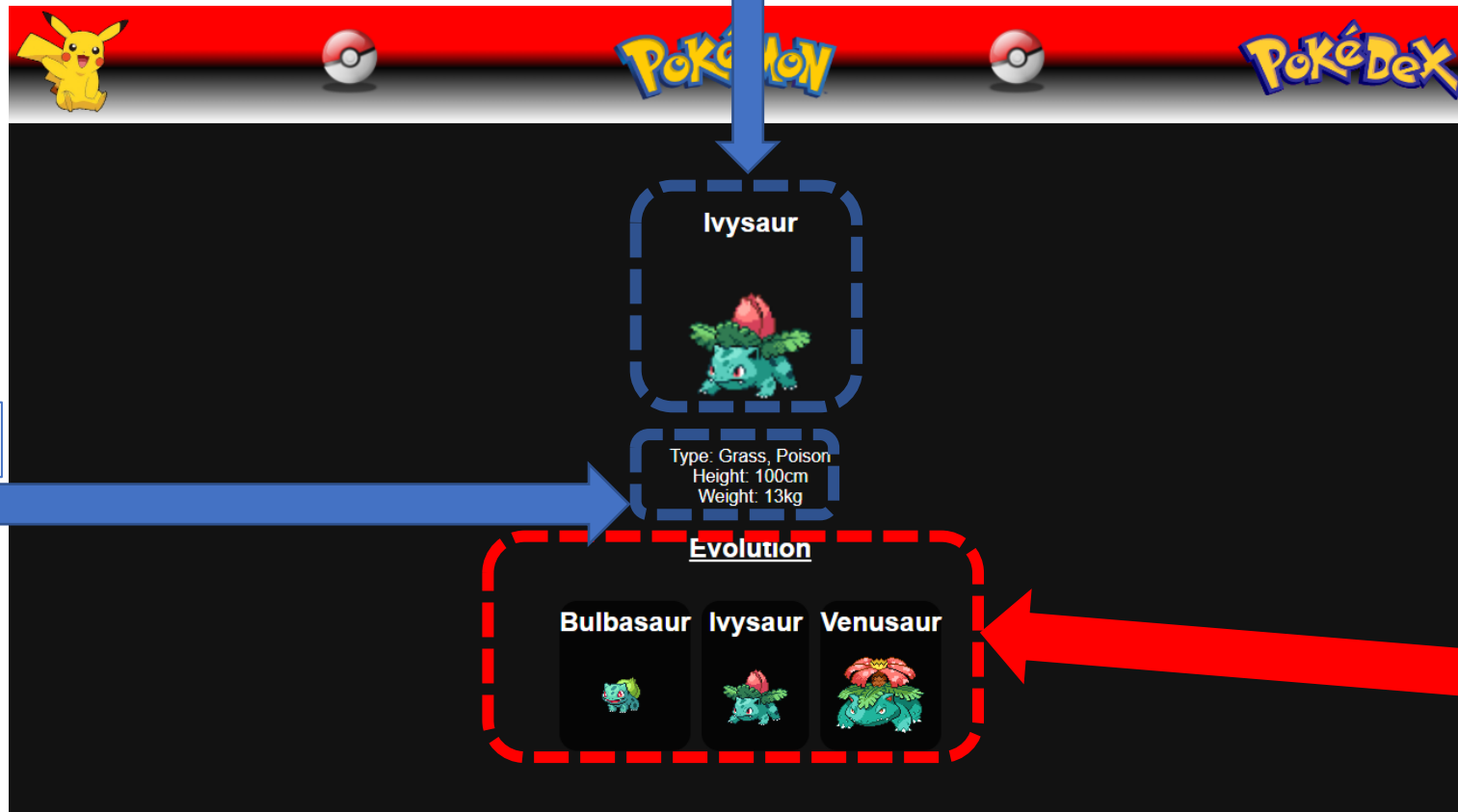
Evolution tree can be clicked and will render the Pokemon in the search result