Mobile API and Framework

Group: 1

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Task: Group Assignment-1 where we have made a website for Pokémon using Pokémon API.

Directory Structure:

- Index.html: This serves as the main HTML file, outlining the website's structure.
- stylessheets: This directory holds CSS stylesheets, responsible for the website's appearance and layout.
- scripts: This directory contains the JavaScript files.

HTML File (index.html):

The primary layout of the website is delineated here, featuring the header, main content area, and ability details section. Semantic HTML elements are employed for optimal accessibility and SEO. Commenting is used to provide clarity on major sections.

CSS Stylesheets (pokemon.css):

Responsible for the visual aspects and layout of the website.

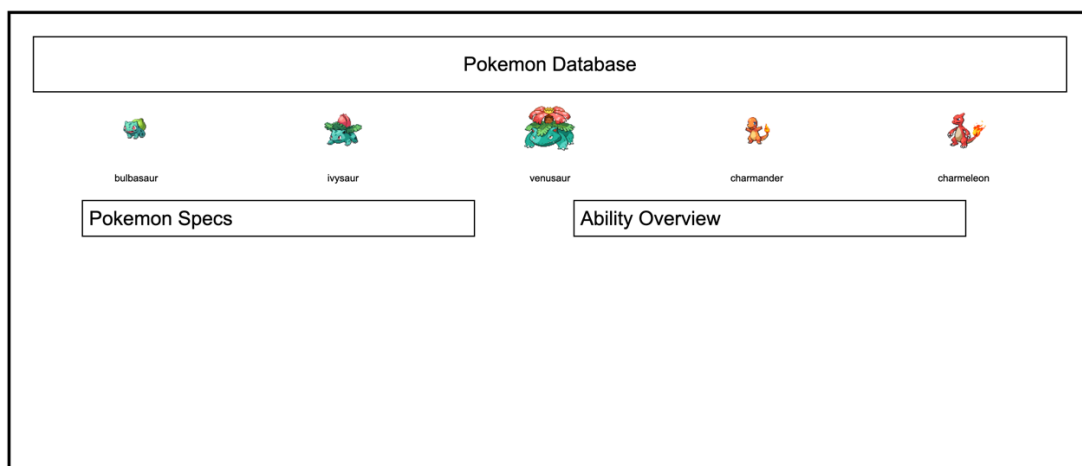## JavaScript File (script.js):

This file implements various functions and interactions. It fetches 5 Pokémon data from the PokeAPI and abilities. Each function and event listener is meticulously commented to elucidate its purpose.
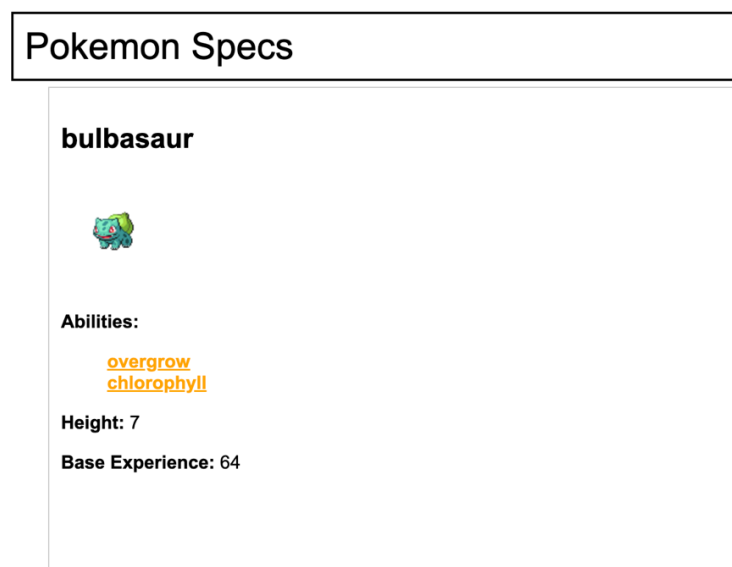
Code Comments and Documentation:

Inline comments are strategically placed throughout the JavaScript code to expound on complex functions and event handling. The commented functionality is explained without unnecessary complexity, adhering to best practices for clarity and readability.

Screenshots of the webpage:

1. Pokémon Data retrieve from Pokémon Api:

2. Pokémon details after clicking the Pokémon.

3. Pokémon Abilities details after clicking on it Part 1.

Pokemon Database

bulbasaur | ivysaur | venusaur | charmander | charmeleon

Pokemon Specs

bulbasaur

Abilities:
overgrow
chlorophyll

Height: 7

Base Experience: 64

Ability Overview

overgrow Details

Effect: When this Pokémon has 1/3 or less of its HP remaining, its grass-type moves inflict 1.5× as much regular damage.

Short Effect: Strengthens grass moves to inflict 1.5× damage at 1/3 max HP or less.

Flavor Text: Ups GRASS moves in a pinch.

4. Pokémon Abilities details after clicking on it Part 2.

Pokemon Database

bulbasaur | ivysaur | venusaur | charmander | charmeleon

Pokemon Specs

bulbasaur

Abilities:
overgrow
chlorophyll

Height: 7

Base Experience: 64

Ability Overview

chlorophyll Details

Effect: This Pokémon's Speed is doubled during strong sunlight. This bonus does not count as a stat modifier.

Short Effect: Doubles Speed during strong sunlight.

Flavor Text: Raises SPEED in sunshine.