CWB208 Project Proposal

For my website I’m going to create a Pokedex, which is a digital database that stores Pokémon stats and characteristics. In the Pokémon games, the Pokedex typically gives the Pokémon’s number, name, type, hit points, attack, defense, special attacks, special defense and speed. When clicking on a specific Pokémon it gives you more detailed information. My version of the Pokedex can also add and delete Pokémon entries.

The SQL tables used in this project will be the following:

* Pokemon
* Pokemon Data
* Pokemon Stats
* Pokemon Weaknesses

At the top of my page I’ll have three clickable navigation links:

* Home – Pokedex
* Create Your Own Pokémon
* Release A Pokémon

My Pokémon Detail page will only be accessible by clicking the Pokémon’s name, as each one will have its own specific details and description.

I’m planning on creating a home page, titled Pokedex, that gives some background information on what the Pokedex does and then display data from the Pokemon, Pokemon Data, and Pokemon Stats SQL tables, which will be the main “screen” of the Pokedex. It will have 9 columns:

* Number
* Pokémon name
* Type(s)
* HP (Hit points)
* Attack
* Defense
* Special Attack
* Special Defense
* Speed

This display table will start with 150 rows to display the first generation of 150 Pokemon, but it will also allow for the creation of more entries by the user. The Pokémon name column will have clickable links on each one that will then direct to my second page.

For my second page, titled Pokémon Detail, the display table created from all 4 SQL tables will connect to the data from the Pokedex on page one. Clicking on the Pokémon name will give the same information as page one, plus additional and more detailed descriptions of that specific Pokémon. These details will fall under three categories:

* Pokédex Data: (Number, Type, Height and Weight)
* Base Stats: (HP, Attack, Defense, Special Attack, Special Defense and Speed)
* Weakness(es): (specific to which type(s))

If time allows, I would also like to add an image for each of these detailed descriptions on the top left. If not, I would use a single static image for all default and generated Pokemon.

For page three, titled Create Your Own Pokémon, I want to allow the user to add Pokémon. In the game you must come across and capture them for the information to be added in the Pokedex. For this website, I thought it would be fun to instead create your own creature with your own stats. I’m going to create a form with two 2x6 grids. The first will have labels and textboxes or Dropdown selection for Pokedex Data, which will include:

* Name (Text box)
* Height (Text box)
* Weight (Text box)
* Description (Text box)
* Number (will be automatically generated)
* Type (will have a drop-down menu)

The second grid will be Base Stats. This will have labels and textboxes for the following categories:

* HP
* Attack
* Defense
* Special Attack
* Special Defense
* Speed

The fourth page, titled Release A Pokémon, will have another display table using the SQL tables Pokemon and Pokemon Data, which allows a user to remove one or more Pokedex entries. It will have four columns:

* Number
* Pokémon name
* Type(s)
* Release

It will also have 150+ columns like the first page, depending on how many Pokémon the user has created or released on their own.

Included are snippets of what I plan on having my three SQL tables and my form look like:







