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System of Work for the Pokémon Database

**System of Requirements:**

Nintendo wants to make a database for their first 151 Pokémon’s (Generation 1). This Database is going to be like the Pokédex (a device that catalogs and provides information on certain Pokémon), but this will be done on SQL Server. Nintendo would like to know what the Pokémon evolves into, what Pokémon is strong and weak too, and to see what type of Pokémon it is. Nintendo would like to view the mass of Pokémon that are certain types or to view a Pokémon individually. This can be used by Pokémon users to see what their Pokémon is strong against and what is weak against.

**In scope:** Pokédex Pokémon Number, Pokémon name Pokémon Type, Pokémon Weakness against, Pokémon Effective against, does it evolve and if so what into

**Out of Scope:** Alolan Type, an evolution that is outside Generation 1, information about the Pokémon

**Deliverables:**

         There will be three tables in the Database. One being the table being the Pokémon, another being the Effectiveness or Weakness table, and the last would be if it evolves and if so what in to. The Data that I am pulling from and putting in the Database is from the website Bulbapedia. [List of Pokémon by National Pokédex number - Bulbapedia, the community-driven Pokémon encyclopedia (bulbagarden.net)](https://bulbapedia.bulbagarden.net/wiki/List_of_Pok%C3%A9mon_by_National_Pok%C3%A9dex_number).

**Definition/ Need to know**

Pokémon: a Pokémon is a creature that you catch and train. There are many different types of Pokémon but they are all very different. For example, the first Pokémon on the Pokédex is Bulbasaur. It is a Grass type and can evolve to Ivysaur. Grass types are weak to Fire but are effective against Water and Rock Type. Each type has a weakness, and each type has something they are super effective too. So you when you are playing the game you want to use a Pokémon that is powerful against your opponent and is not weak to your opponent.

Pokédex: The Pokédex is a system that has all the Pokémon information in. the major differences with my database and the Pokédex is that mine will show which Pokémon are strong against certain types, while the poked just gives information about one Pokémon, and not the mass