Heather Bell

Mike Anderson

Tommy Stokes

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Project 2 Write-up

My Pokemans: Let Me Show You Them

We will be creating a virtual Pokédex where one can search for a specific Pokémon name. We will also attempt to implement a button that will return a randomized Pokémon. Search results will yield a photo of the Pokémon, string stats including ‘Type 1’, ‘Type 2’ (if applicable), ‘Generation’ and ‘Legacy’ status. There will then be bar graphs showing the ‘HP’ (Health Points), ‘Attack’ and ‘Defense’. A separate bar graph will show ‘Special Attack’, ‘Special Defense’ and ‘Speed’.

The csv file of the Pokémon data was obtained via Kaggle.com. A Postgres or Azure SQL database will hold that data while a MongoDB database will hold the photos of the Pokémon to be called. HTML and CSS files will be used to build the structure of the website, while Python coding and Flask will bring it all together and retrieve the data.

We will also attempt to use a SQL database in Azure instead of Postgres so we can work from a shared server.

Data sources: <https://www.kaggle.com/abcsds/pokemon>