

TITLE: Pokedex Plus

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Applications:

- Core
  - Views:
  - Home
- Pokedex
  - Views:
  - List (Filters)
  - Detail
- Team maker
  - Views:
  - Create form
  - Delete form
  - List
  - Update form
- Team Stats
  - Views:
  - Relate it to team maker: compare 2 teams one pokemon at a time
    - Select form (choose 2)
  - Type distribution of overall team
    - Select form (choose 1)

Relationships:

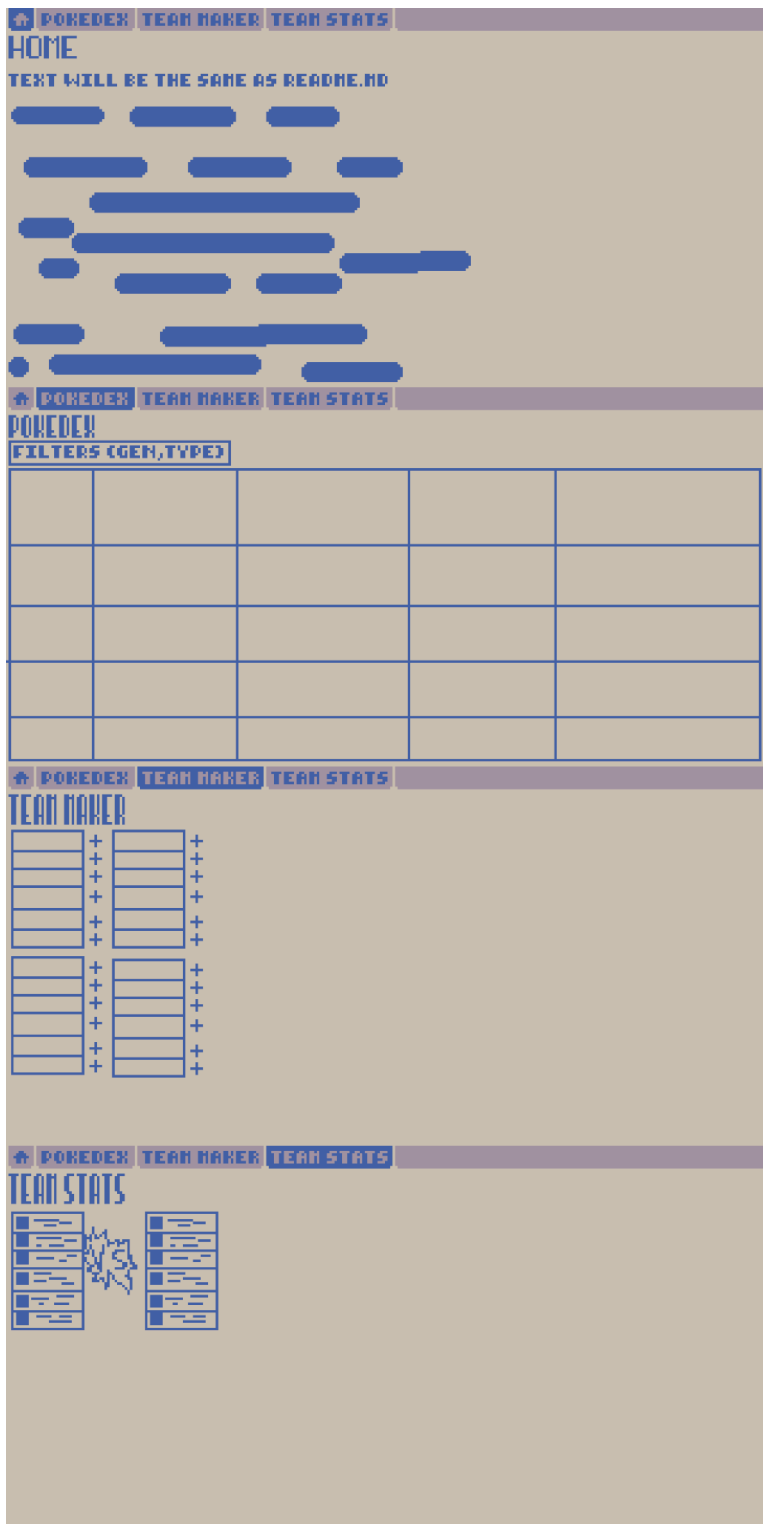
- The idea is to have the website focus around **Pokemon** on the **Pokedex** application. On the **Pokedex** application, it will have a list of pokemon you can view, all at once or one by one. These can be sorted by or filtered for **Generations**, collections of a hundred or so **Pokemon** based on when they were chronologically introduced, and **Types** (similar to elements) for each one (this will most likely be within the models for **Pokedex** to start.)
- The **Team Maker** app allows you to select 6 **Pokemon** listed on the **Pokedex** application and put them into a **Team** (something in the **Team Maker** models and can be used in the **Team Stats** app)

- The **Team Stats** application allows you to select 2 **Teams** and compare their **Pokemon** by **Stats** and **Types** (stats are per **Pokemon**). It also allows you to analyze the distribution of **Types** on the selected **Team**

API:

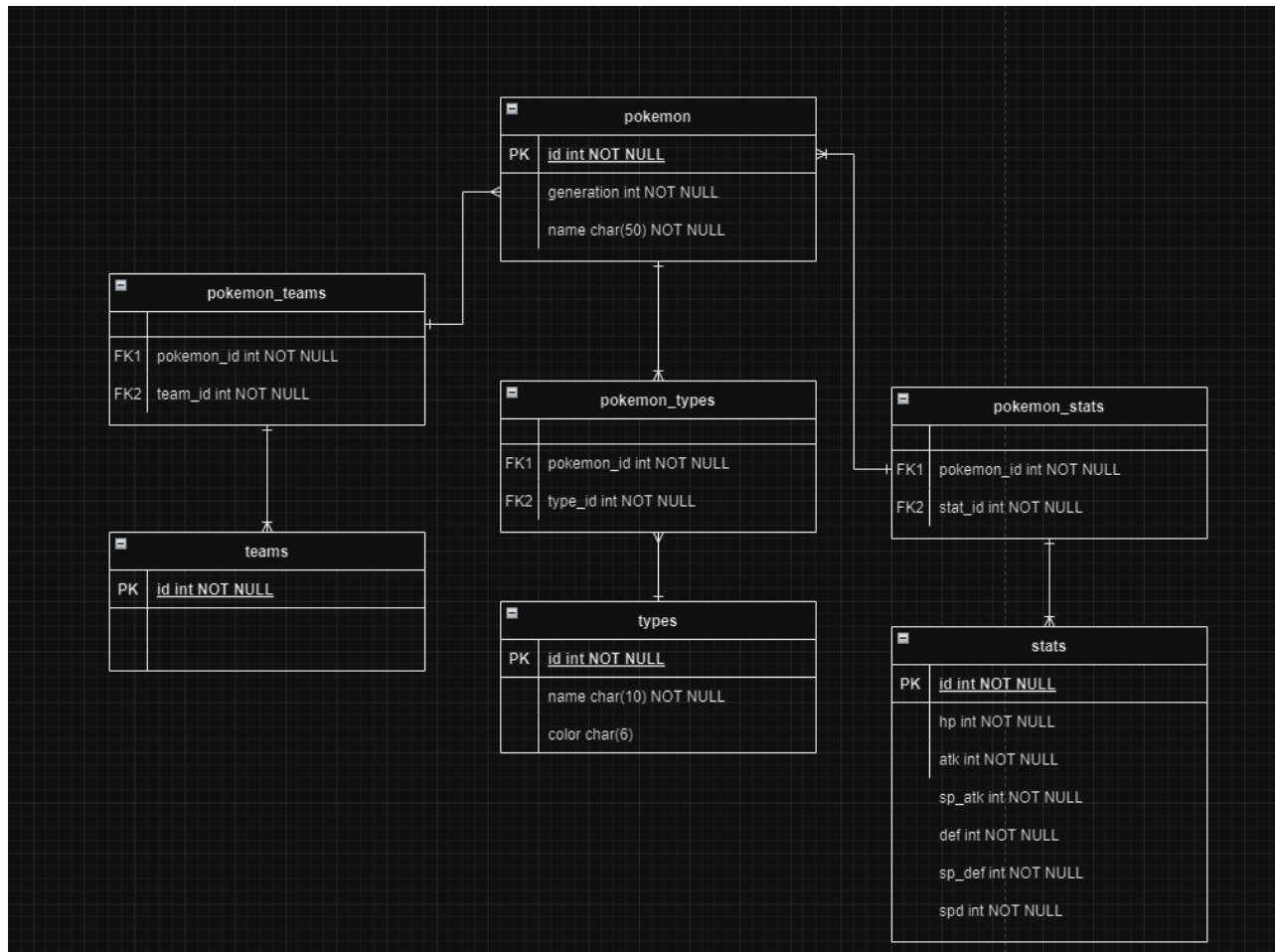
Pokedex API [PokéAPI \(pokeapi.co\)](https://pokeapi.co) /api/v2/[pokemon name]

Layout:



The layout will consist of:

A main homepage with the names of contributors, project title, and short description of pokemon, and 3 buttons to the pages **Pokedex**, **Team Picker**, and **Team Stats**. Pokedex will have a list of all the pokemon, each with their own details page. Team Picker will allow you to choose 6 pokemon to fill up your 'team'. Team Stats will compare the stats of two chosen teams.



The database will consist of:

Central pokemon table that connects to 3 many-to-many connection tables, Pokemon\_Stats, Pokemon\_Types, & Pokemon\_Teams, which connect to tables Stats, Types, and Teams, holding information about the Pokemon's stats, type, and team it is on, respectively.