

## **Pokedéx Application**

*Because we're all nerds, right?*

### Project Description

- A web application that stores user's progress on catching them all.
- Allows new users to sign up and update their progress.
- Adding species caught and information of users' captured Pokémon, including sex, level, location caught, etc.
- Provide information on Pokémon species data, such as name, images, in-game descriptions, locations, etc.
- Allow expansions beyond the original 150 for users.
- Anything else relevant, I am open to ideas. Anything fun, but keep it simple.

### Team

Looking for 2-3 others to join.

### SQL

- ~~SQLite~~, well not anymore.
- Tables
  - 2-3 for Pokémon species information
  - Text, images, etc.
  - User account information
  - Posted user information

### NoSQL

- I have very little knowledge of NoSQL databases, but I have worked with DynamoDB.

Suggestions welcome.

### Business

- Free and open source

### Legal

- There could be a couple issues here. We are using information based off a Nintendo IP.

### Technical

- Scrape Pokémon species data from existing websites and sources
- Determine definite table relationships
- Select programming languages and database models
- Create a minimum viable product and expand from there
- Make a user-friendly yet simple GUI