

A decorative graphic consisting of thin, dark red lines that resemble a circuit board. These lines extend horizontally from the left and right edges of the central black box, featuring several small circles at various points, suggesting connection points or components.

POKEDEX

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<https://github.com/missile720/CSE111Project>

SYSTEM DESCRIPTION

- Our project is a recreation of the pokedex. The Pokedex in Pokemon is a database that holds information about each Pokemon.
- The user can search for pokemon via various different factors:
 - ability, name, moves, types, etc.
- The user can also check movesets pokemon can learn and the method it can learn it by



IMPLEMENTATION

- Languages used: HTML, Python (Flask), CSS, and SQL, SQLite
- Flask, SQLAlchemy used for Front-End portion of the webpage, easy for development
- SQL, SQLite used for the Back-End portion of the webpage, using SQL for the database of the Pokedex
- Flask used due to the dynamics of the webpage, also really easy to connect to HTML, CSS



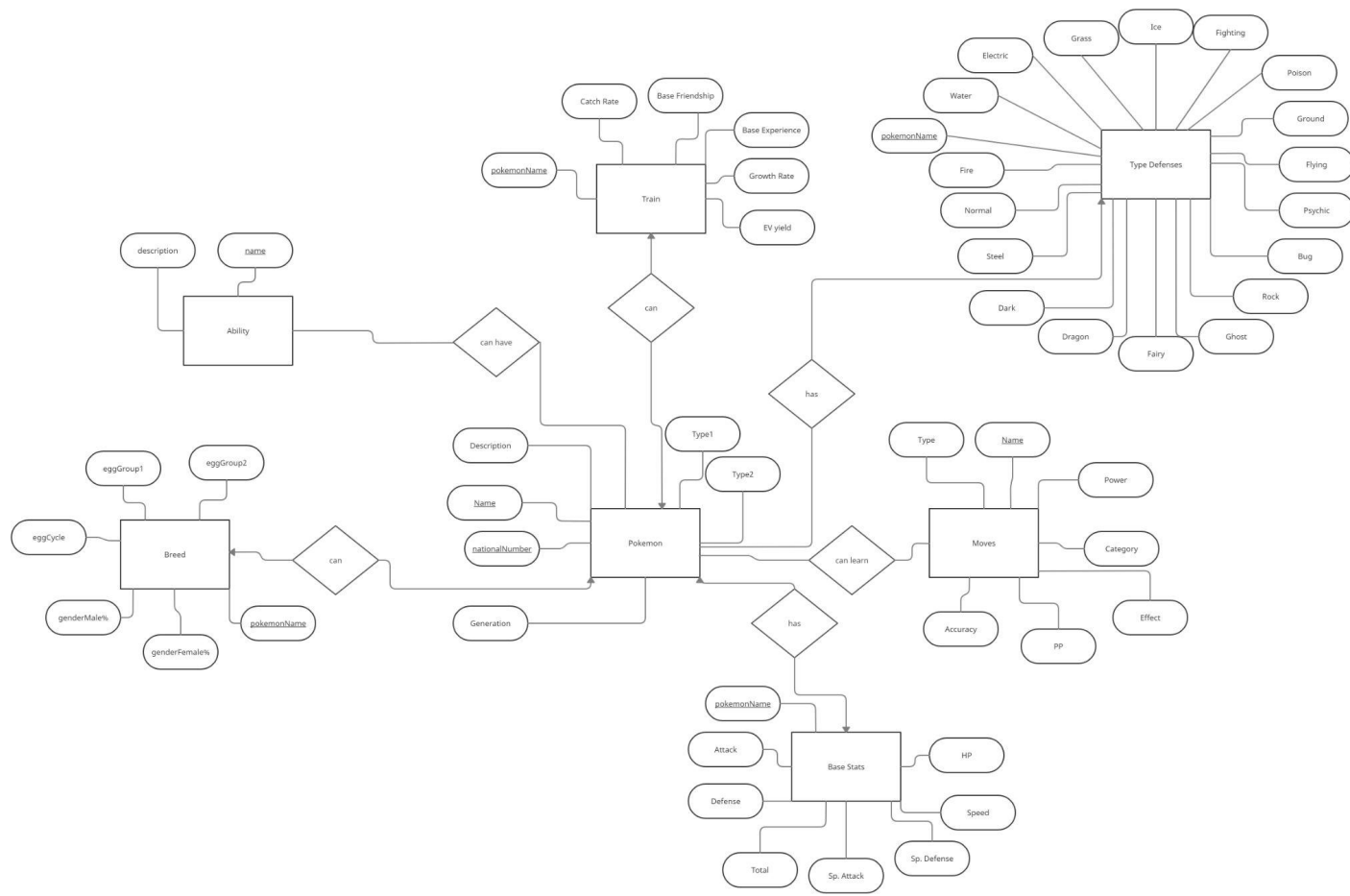
USE CASE DESCRIPTION

- **The user can input the name of the pokemon, national number, move, type of the pokemon, or ability to see the specific pokemon(s) that apply**
- **The user can search moves with specific pokemon Egg Group**
- **The user can search ability with minimum attack and total stats**
- **It will display data on the pokemon depending on which search method is implemented**
- **If more than one pokemon applies then the results will display a list of those pokemon**
- **The user can also click on a pokemon, the results will display the info of that pokemon, their ability, type, and what moves they can learn in the form of tables**

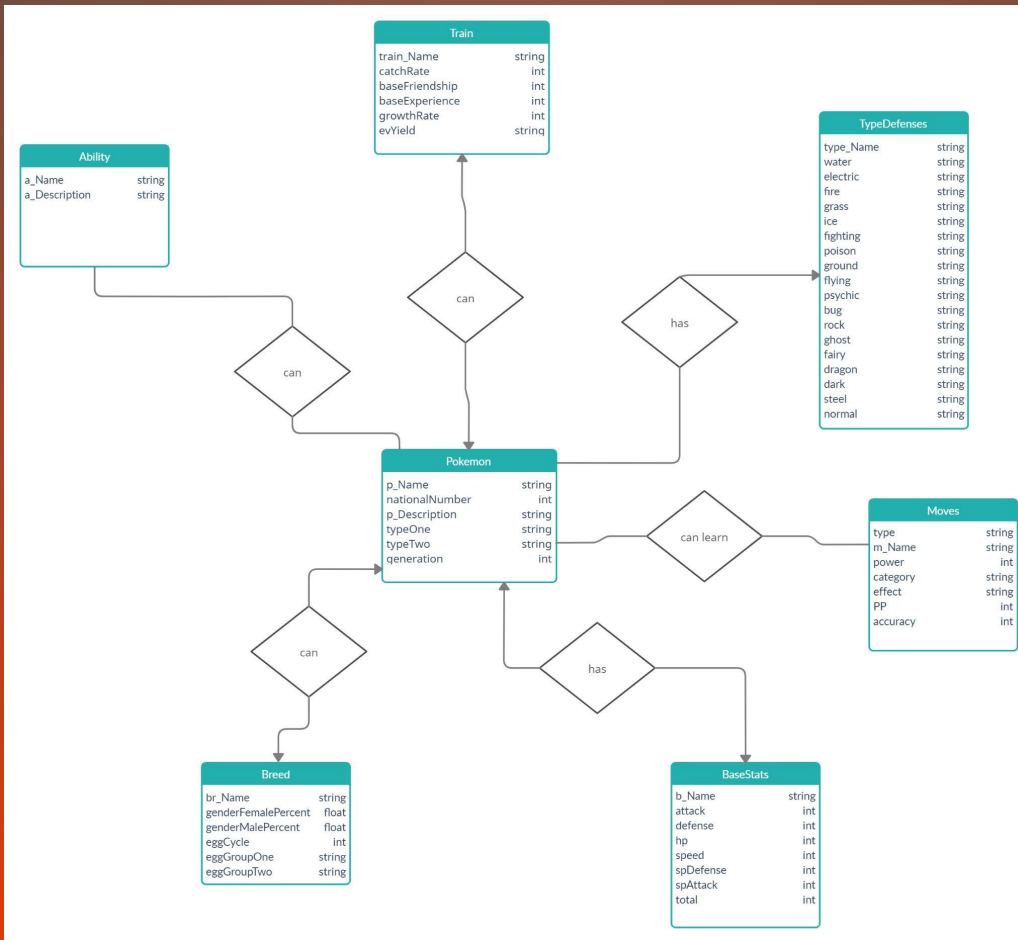
USE CASE DIAGRAM



E/R DIAGRAM



RELATIONAL SCHEMA



The image features a solid orange background with a subtle gradient. In the four corners, there are decorative elements resembling circuit board traces. These are thin, light-orange lines that form various geometric shapes, including straight lines, right angles, and small circles, creating a technical or digital aesthetic.

Demo

The background is a solid orange gradient. In the four corners, there are decorative line art elements resembling electronic circuit boards. These elements consist of thin orange lines that branch out and terminate in small open circles, mimicking the layout of a PCB.

Thanks!

Q&A