**Brief:**

An online Pokemon fan club would like to make a basic version of a pokedex, with some functionality of the Pokemon PCs.

* Individual users should be able to login
* Each user should have their own collection as defined below:
* Each user can only own a full party of 6 pokemon at a time, with the ability to switch specific pokemon.
* If the user’s party is full, taking a new one should replace a pokemon of the user’s choice

When searching for pokemon:

* Can search individually, by ID or name, returns first result
* Can search by type, or other tags, returns first 100 results
  + Multiple result searches should display each Pokemon’s default front facing sprite.

For individual pokemon search, display an image of the specified pokemon’s “Official Artwork”

Additional functionality that the program should try to achieve:

* The option to make a new user should be available
* User’s should be able to edit their name
* Each user should have their own password
* A user logged into their own account should be able to delete their own account.

**Brief Summary:**

People Should be able to Create An Account And A Pokemon Team And Switch Between Pokemon As They Please When The Party Is Full. Should Be Able To Find A Pokemon Just By Searching ID, Name Or type.

**User Recognition - Allows The System To Recognise The User When They Log Into Their Account/ Create One**

Able To Log Into Their Account

User Should Be Able To Set A Password And Username

User Should Be Able To Login To Created Account

User Should Be Able To Easily Make An Account

User Should Be Able To Easily Login To Account

**Additional Functionality - Things That Can Be Added Once Main Things Are Done**

Option To Make New Users:

Each User Has Their Own User

Each User Has A Setup Password

Option To Delete Account When Logged In

User Should Be Able To Easily Delete Account

**Pokemon Recognition - Allows The User To Search For A Pokemon In Different Ways**

Can Search Individually For Pokemon

Search Using ID Or Name

Search By Type And Other Tags

System Recognises The Pokemon They Are After

Party Limit Of Six

**To-Do:**

Create CSV titled “UserData.csv”

Install Pandas

Create easy Ways To Access The Account

**Layout Idea -**

| Username | Password | Pokemon1 | Pokemon2 | Pokemon3 | Pokemon4 | Pokemon5 | Pokemon6 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Custom Name |  |  |  |  |  |  |  |
| Michael |  |  |  |  |  |  |  |
| Raymond |  |  |  |  |  |  |  |
| Owen |  |  |  |  |  |  |  |

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