

The Idea

These sets of wire-frames serve to illustrate the functionality of our Pokedex database, containing tables important for identifying the details that might be useful when looking for a specific Pokemon. The game Pokemon contains creature-collection, and thus, a database featuring collected creatures and their attributes, is our central idea.

Functionality is simplistic for ease-of-use, with ‘add’, ‘update’, and, ‘delete’, options being clearly visible.

Section 6

User

Users may modify the database through use of create, update, and delete functions. All users must have sign in credentials, securely saved. Columns may be sorted and username atop the central “read” screen is changed depending on the user logged in.

1) Login page

Use as guest

Login:

Username:

Password:

Submit

Register:

Username:

Password:

Submit

or

Section 5

Guest

As a guest, the database may only be viewed, not edited or modified in any way. Local time is displayed, though username always is conveyed as “Guest.” Sorting is allowed, as per users as well.

Section 1

Create

Create a new Pokemon record, defining its type, status trainer, region, and held item. NULL can be a relevant value if such fails to apply (i.e. a Pokemon lacks a second typing)

Section 2

Read

As a user or guest, all Pokemon may be “read,” displaying their essential values corresponding to them in the Pokemon table. The time is visible. and username, if applicable. Use filtering options to specify sorting criteria, or pass through the URL.

Section 3

Update

If logged in, a user may update a Pokemon with differing attributes, replacing old information with new information of one’s choice.

Section 4

Delete

Deleting a Pokemon is initiated when logged in and upon clicking the “delete button” corresponding to an individual Pokemon. This removes them from the database entirely, and cannot be undone.

2) View if logged in

Hello [username] || 10:30am

Add Pokemon

Pokemon	Type	Status	Trainer	Region	Held Item	
Pikachu	Electric	Normal	Ash	Kanto	Oran Berry	update delete
X	X	X	X	X	X	update delete
X	X	X	X	X	X	update delete

2) View if logged in

Hello [username] || 10:30am

Add Pokemon

Pokemon	Type	Status	Trainer	Region	Held Item	
Pikachu	Electric	Normal	Ash	Kanto	Oran Berry	update delete
X	X	X	X	X	X	update delete
X	X	X	X	X	X	update delete

2) View if logged in

Hello [username] || 10:30am

Add Pokemon

Pokemon	Type	Status	Trainer	Region	Held Item	
Pikachu	Electric	Normal	Ash	Kanto	Oran Berry	update delete
X	X	X	X	X	X	update delete
X	X	X	X	X	X	update delete

2) View if logged in

Hello [username] || 10:30am

Add Pokemon

Pokemon	Type	Status	Trainer	Region	Held Item	
Pikachu	Electric	Normal	Ash	Kanto	Oran Berry	update delete
X	X	X	X	X	X	update delete
X	X	X	X	X	X	update delete

4) Add a new record

Add a new record:

Pokemon:

Types (type NULL if no secondary type):

Status:

Trainer:

Region:

Held Item (type NULL if there is none):

Submit

Return to database

3) View if guest

Hello Guest || 10:30am

Pokemon	Type	Status	Trainer	Region	Held Item
Pikachu	Electric	Normal	Ash	Kanto	Oran Berry
X	X	X	X	X	X
X	X	X	X	X	X

5) Update a record

Update [Pokemon] with ID of [pokemon_id]:

Pokemon:

Types (type NULL if no secondary type):

Status:

Trainer:

Region:

Held Item (type NULL if there is none):

Submit

Return to database