Pokémon team builder

By Team Altaria: Austin, Sarah, Ethan

Change history
- Document Created 08/25/2023

Overview

With over 1000 pokémon to pick from, it can be daunting at best and impossible at worst to keep track of any single team in terms of strengths, weaknesses, movesets, and more. This application aims to aid in that regard; Leveraging the information provided by the Pokémon API, this application analyzes your team to report back team statistics, and even offers suggestions towards a more effective team.

Objectives

- Users can login
- Users can add, delete, modify Pokémon team records
- Users can perform complex queries on Pokémon records
- Robust backend API
- Display statistics on team composition (Pokémon types covered)

Success Metrics

- Minimal bug reports
- Reliable display of information
- Intuitive User Experience
- High User Satisfaction Rating

Timeline & Release Planning

- One week for Minimum Viable Product to be available for demonstration

Personas

● See attached

Scenarios

● Carlo, a new user, needs information about different pokemon to choose what kind of pokemon to use.

● Anna, a returning user from a long break, wants to remember how her team was built.

● Leo wants to know what types his Pokémon team are strong and weak against.

Features In

[M] denotes minimum viable experience requirement for Product X

● [M] Users can login with a username and password

● [M] Each user can view various statistics of their team

● [M] Each user can view a the results of their queries in a logical display

● Users can only access the information tied to their account

● Users can store multiple teams on their account

● Create an admin user that is able to add, remove, and edit associated information

● Have an option to create an account if a user doesn't have one

● Backup Databases

● Provides suggestions for team composition

● Comparison between two different pokemon

Designs

See Attached:

● User flows

● UML + ER Diagram

● Sprint planning