Authentise Backend Coding Challenge

This brief coding challenge is designed to give you an opportunity to showcase what you know about python, business logic, and API use. The project is to build a small helper meant to take 2-4 hours or less to complete. Feel free to use resources online to help!

Requirement

Build a small command line tool help someone to decide what pet to pick. The tool needs only 3 features, 'save', 'search', 'delete'

Saving: the tool needs to take as input, and store:
- 'pet name'
- 'pet breed'
- 'Ranking' (0 to 100)
- Type (example 'dog' or 'cat' or 'horse')
- A URL to an image of the pet

Searching: You can set an input 'type' and it will show the pets matching that type from highest ranking, to lowest ranking.

Deleting: You can to delete a pet by name, or (with a warning) delete all pets of a type

Test: At least example use per function (set, search, delete)

Bonus Points: (in rough priority order)
- Build this as an REST API, instead of a command line tool. (fastapi suggested)
- Add additional features you would find useful
- Unit Tests
- Store the passed image in a local DB, or in a local directory
- Share code via a repo