CryptoTracker Terminal App

launch app —shell script + args→

show help instructions

Select 1/2/3/4

show portfolio

build and parse

show main menu

Quit

Login

get username

user exists and is active?

Yes / No

Is user admin?

Yes / No

show user menu

Quit

View Portfolio

View Local or API

Local

API →

Enter API KEY

is valid? Yes / No

build API call

Add Crypto

Enter symbol and quantity

confirm — No / Yes

is valid? Yes →

add crypto

User Functionality

Storage

JSON portfolio

JSON users

Admin Functionality

confirm — Yes →

user is added to users.json file

get name, username, password

Create user

empty portfolio json file created with username

show admin menu

Yes

No

Quit

Show all users → **show list of users**

Deactivate user

get username

username exists? Yes → **confirm** — No

Yes →

set active to false for user

No

User Object created

Portfolio Object created JSON file built

set user object

Classes

User

+ name:type = string
+ username:type = string
- password:type = string
- active:type = bool
- user_created = string

+ to_s:returnType = string
+ show_password:returnType = string

Portfolio

- username:type = string

+ to_s:returnType = string
+ portfolio_path(username):returnType = string
+ create_empty_portfolio(username):returnType = string

exit app