CSIS2023 Project 2

The goal of this project is to create a functional Android application that allows users to submit and vote on “ugly pets”.

Functionality:

Start with a basic application

-Create a custom splash screen and app icon

-Login / Create Account menu

-Small extra credit: if it remembers your login

-Main Menu

-List my ugly pets

-Add an ugly pet

-Delete an ugly pet

-Vote (1-5 ugly, where 5 is very ugly)

-View Leaderboard

-View Enlarged

-Share link: fire off an intent that starts the email client.

The base URL is <https://www.jwuclasses.com/ugly/>, append the name of the API (such as “login”) to access a particular endpoint. All endpoints take in and emit JSON, and the elements “success” and “errormessage” will always be present.

APIs:

-login

Data in:

email

password (hashed, SHA256, no salt)

Data out:

success: (1 or 0)

errormessage: optional

token: str

-logout

Data in: token

-register

Data in: email, password (hashed)

Data out: success, errormessage

-List my pets (/pets/list)

Data in: token

Data out: see list of pets

-Add a pet (/pets/add)

Data in:

token

image

name

birthday

description

Data out:

success

errormessage

-Delete pet (/pets/delete)

Data in: token, id

Data out: success, errormessage

-Get leaderboard (/leaderboard)

Data out:

id

image\_url

description

name

birthday

external\_url

rating

total votes

-Find a pet to vote on (GET /getvote)

Data in: none

Data out: id, name, description, image\_url, birthday

-Vote on a pet (POST /savevote)

Data in: token, pet\_id, rating

Data out: none