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