Guess who? Misunderstood animals.

An educational terminal app! Options to play:

(1)   information only

(2) Trivia

(3) 20 questions quiz

JASMIN KANG T1A3 CODER ACADEMY

Overview of app

Guess who? Misunderstood animals

Educational terminal ruby game that is based on a 'name' of an animal given the animal 'profile' or vice versa. The profile is the animal's description of themselves, and the facts are for the relevant a defined list of 20 animals.

3 options from the main menu

Feature 1: Information only - allows user to learn about an animal from a list

- Displays a list with all animal 'name'

- User selects an animal 'name' given a list, then displays the relevant 'profile'

Feature 2: Trivia – three guess type answer trivia

- User is prompted with a 'profile' of an animal.

- User has 3 attempts to type the correct 'name' of the animal.

- When correct 'name' or fail = 3, next question

Feature 3: 20 question quiz - multiple choice
- User is prompted with the 'profile' of animal, with three potential choice answers of 'names'.

- User answers then next question until all 20 questions are answered. score/20 will display. (each question has score of 1).
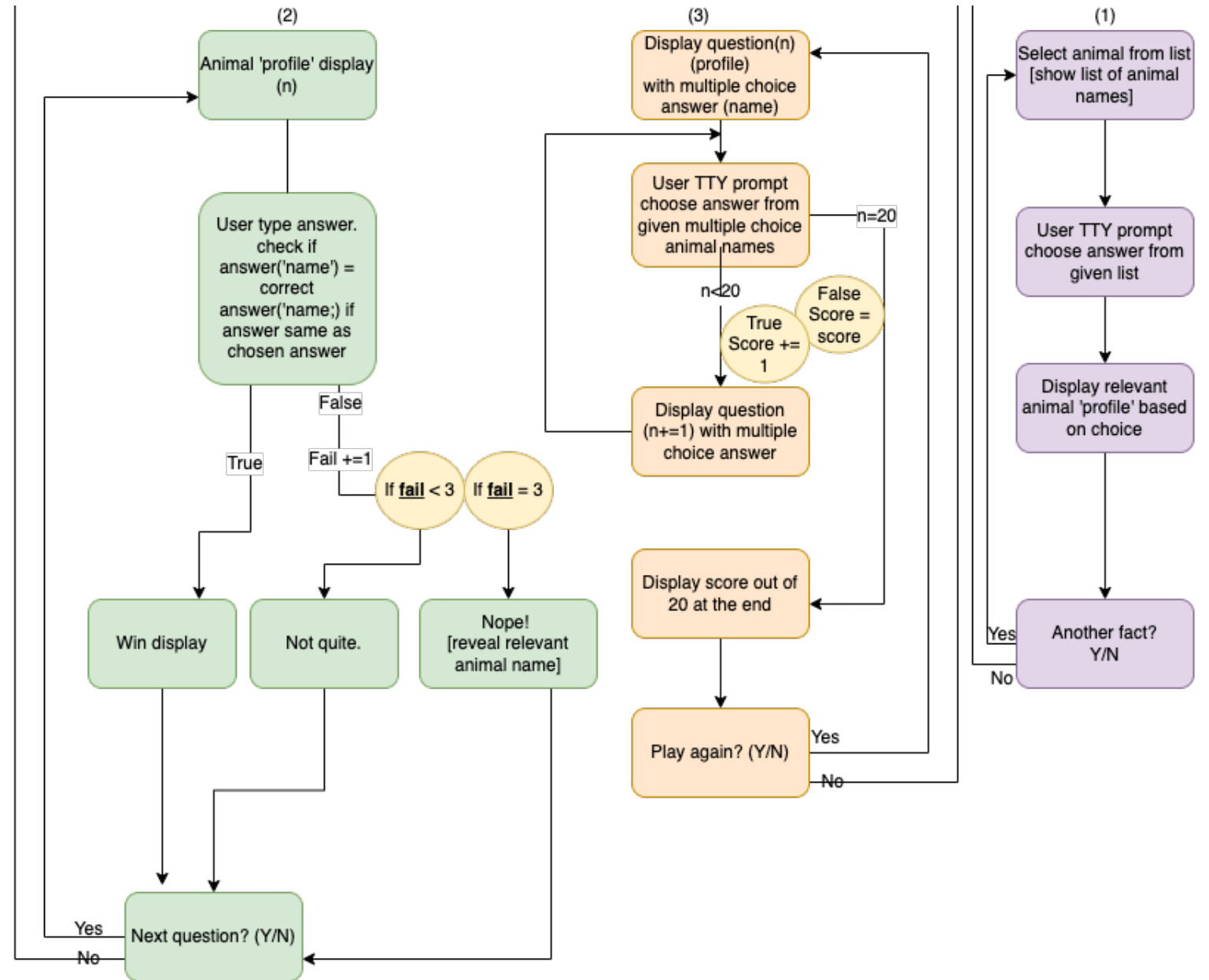
Sample profile/name

"We may be associated with Vampires, but most of us prefer fruit or insects over blood! We have over 1,400 cousin families, with only 3 who drink blood. That's okay though, we like to be left alone. With significant diversity among us, we are crucial to the ecosystem and key to the survival of crops you use for food and medicine. Do you eat bananas or avocados, maybe mangoes? You're welcome! In Australia, we might just be the most efficient pollinators you have."

Correct! I am a bat!

Code overview

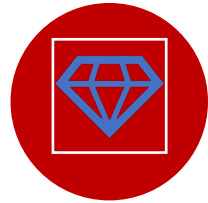A Brief overview of some structures, file systems:

- Main menu to navigate to each feature

- Each feature is saved into the same 'src' level for ease

- All classes (currently only 'animal' class to retrieve info on each animal), tested in spec folder

- JSON external file with animal info

(2)

Animal 'profile' display (n)

User type answer. check if answer('name') = correct answer('name;) if answer same as chosen answer

False

True | Fail +=1

If **fail** < 3 | If **fail** = 3

Win display | Not quite. | Nope! [reveal relevant animal name]

Yes
No
Next question? (Y/N)

(3)

Display question(n) (profile) with multiple choice answer (name)

User TTY prompt choose answer from given multiple choice animal names | n=20

n<20 | False Score = score

True Score += 1

Display question (n+=1) with multiple choice answer

Display score out of 20 at the end

Play again? (Y/N) | Yes
No

(1)

Select animal from list [show list of animal names]

User TTY prompt choose answer from given list

Display relevant animal 'profile' based on choice

Yes | Another fact? Y/N
No

Planning and development

Planning:

- Trello inc. setting dates
- Skeleton / flow chart
- Traditional approach – sticky notes on my wall

RUBY GEMS:

RSPEC: TESTING

RUBOCOP: FORMATTING

TTY PROMPT: QUESTION ANSWER DISPLAY

JSON: EXTERNAL FILE (NAME, INFO)

COLORIZE: TO BE USED FOR FORMATTING, PRESENTATION

ARTII: TO BE USED FOR FORMATTING, PRESENTATION