Propy
Front-end challenge

Instructions

Please feel free to use external resources and information to help you with your solutions.

This is an opportunity for you to show us your skills and knowledge of best practices. We will be looking for solutions that implement SOLID principles and design methods leading to a **well-structured maintainable code**.

Provide a GitHub repo with the solution. (Or a zip in Google Drive if that's more convenient for you.)

Good luck!

The OldMacDonald app

Task 1

Write an app/SPA(single page application) to show **5 verses** of the nursery rhyme "Old MacDonald Had a Farm" with 5 animals of your choosing.

Angular would be preferable, and any framework you are comfortable with is acceptable.

The verse is repeated for each animal and the appropriate sound for the animal is used eg cows go "moo", ducks go "quack" etc.

Verse:
        Old MacDonald had a farm, E I E I O,
        And on his farm he had a cow, E I E I O.
        With a moo moo here and a moo moo there,
        Here a moo, there a moo, ev'rywhere a moo moo.
        Old MacDonald had a farm, E I E I O.
Repeat with:
        Dog
        Cat
        Pig
        Etc, whichever animals you like with their appropriate sounds

Please write a few **unit tests** for your solution.

Task 2

Extend your app to allow the user to provide their own set of animals and sounds through some UI. For example, the user can choose to have 3 animals: cat, dog, peacock and then the app renders the 3 verses.
It would be nice to have a separate page/route for this task's solution. (Example task1 - '/auto' task2 - '/manual')

Task 3

Provide some documentation. For example - Readme.md.

Task 4

Deploy the app so it's available online.