Assignment 1.2: Web Services

Can be done in groups
Due: Friday Feb 26th 2021

Task:

Build a more advanced version of the Assignment 1 App (connect app using the Dog API: https://dog.ceo/dog-api/) feel free to use your own project, or use the template I uploaded.

Core functionality of your app:

- Display all dog breeds in a tableview
- On the right side of the cell there must be a random image of the dog
- When a cell is tapped a new scene will display with a random image of the selected dog breed.
- Have a 'new image' button in the bottom right of the image scene. This will fetch and display a new random image of that dog breed

Hints:

- use navigation controller
- Create a custom cell
- Use segue.destination to pass which dog breed image to fetch
- UIImage will help you create an image from raw data

Concurrency:

Use what ever method of concurrency you are most comfortable with (callback closures or Async/Await)

	N/A or Not Demonstrated	Adequate (50- 59%)	Competent (60- 69%)	Good (70- 79%)	Excellent (80- 100%)
Coding style 10 marks		Poor variable names No comments	Repeated code Poor commenting	Good use of methods Good comments	Meaningful variable names Methods make code easier to understand Helpful comments
User Interface 10 marks		App is complicated and not user friendly	App is awkward to use Most of the components discussed in class are used.	The app looks good All (relevant) components discussed in class are used. Animations are present but **not** used properly	App has a professional look/ feel Extra components are used for functionality. Animations are properly used.
Web Services 10 marks		Messy code without much error handling	Minimal error handle	Good error handling but code is still messy	Good error handling with clean an concise callback closures or async/await methods
git 10 marks		Minimal commits with undescriptive messages	Lots of commits with undescriptive messages	Few commits with good messages	Commits for each large feature/change with good descriptive messages