SwordHealth Code Challenge

THE CHALLENGE

We would like you to write an application using Swift that utilises the Dog API (https://thedogapi.com/).
You can go nuts with the visual design of the application, there is only a few components that we ask you to use. Don't worry, we will only evaluate the code quality. Also, you are allowed to use any library you want.

THE REQUIREMENTS

Your Application should have the following functionalities:
1. Show a screen with a list of dog breeds images.
2. Show a screen with a list of dog breeds when you search by breed name.
3. Show a screen with the detailed view of a breed.

THE REQUIREMENTS DESCRIPTION

We need you to use a Tab Bar in order to move from the the list of dog breeds(requirement #1) and the search screen(requirement #2).

For each requirement:
1. You should be able to move from a list view into a grid view and take use of pagination.
    1. Should be able to order alphabetically.
    2. Should show only the dog breed image and the name.
    3. Pressing on one of the list elements, should go to the details view (requirement #3)

2. The screen should :
    1. Show a Search Bar where you can search by breed name
    2. Show the list of results with the following Info per element:
        1. Breed Name
        2. Breed Group
        3. Origin
        4. Pressing one of the elements should go to the details view (requirement #3)

3. The detail view should contain the following info:
    1. Breed Name
    2. Breed Category
    3. Origin
    4. Temperament

BONUS POINTS

1. Unit tests coverage
2. Offline functionality
3. Error Handling

DELIVERABLE

In order to deliver your code, we would like you to create a complete project in a version controlled repository, make it public, and share the link with us so that we can access it. Preferably we would like you to perform several commits so that we can see your progress and understand a bit about your way of thinking.