Coding Exercise

This is not meant to be complicated or take a long time. This is intentional, the purpose is see how you would ideally code for an enterprise app. This is a very simple exercise, so it may seem unnecessary to build out a more complex architecture. But we would like to see how you would ideally set up a project and code for *testability* and *scalability*. You are allowed to use any libraries as needed, as again we want to see how you would really work with this type of assignment.

REQUIREMENTS

- **Did you finish the project and meet all requirements?**
  - Design listed below.
  - Notes listed below.
- Unit testing
- Architecture & Code Style
  - Clean code
  - Extensible code
  - **Testable code**
  - **Safe code.**

Assignment:

Contacts app, shows a list of contacts and their images.

This is a very very simple contacts app, your assignment is the finish the project already started for you. See the next pages for screen shots of how the finished project should look, as well as design specific notes.

Notes:

- ContactAPIClient is to simulate a real api, do not modify this file.
- ContactTableViewCell uses a xib please use this xib.
- ContactListViewController does not have a xib or storyboard, please complete without.
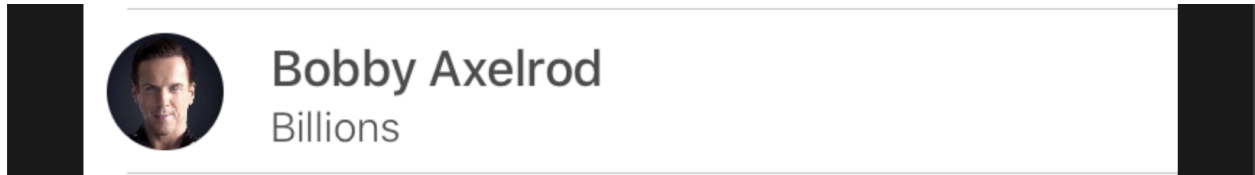
Design

Image:
- Leading: 8 pts
- Top & Bottom: 8 pts
- Height & width: 40 pts
- Corner radius 20 pts

Name:
- Leading: 16 pts
- Top: 8 pts
- Height: 24 pts
- Trailing: 16 pts
- Font: System font 17 medium
- Color: "contactTextColor":
  - Light Mode: UIColor(red: 0.31, green: 0.31, blue: 0.31, alpha: 1.00)
  - Dark Mode: white

Tag handle:
- Leading: 16 pts
- Top: 0 pts
- Bottom: 8 pts
- Height:16 pts
- Trailing: 16 pts
- Font: System font 14 light
- Color: "contactTextColor":
  - Light Mode: UIColor(red: 0.31, green: 0.31, blue: 0.31, alpha: 1.00)
  - Dark Mode: white

Cell
- Cell height is 56 pts

Finished App