We have a take home assignment (THA) that has been used for our native app mobile engineers for quite some time that we would like you to complete. We view this as a great way for you to demonstrate the kind of approaches you take when writing iOS apps. We realize that you're busy in your day-to-day, so feel free to do it at your own pace. Please do not use any 3rd party libraries, cocoapods, etc., for this project.

When finished, please let me know and I will send this over to some of my colleagues for review. From there, we will determine next steps.

WalmartLabs Code Test API Documentation : <https://mobile-tha-server.firebaseapp.com/>

Walmart Mobile Engineering app assignment:

- Create a new application with WalmartLabs Code Test API integrated. The application should have two screens.

- We’ll be looking at your coding style, use of data structures, collections, and overall Platform SDK knowledge.

- It’s up to you to impress us with this assignment. The list of a products can be a simple or as fancy as you’d like it to be.

- Include product image for each product.

- Try to have some fun.

- Don’t use any 3rd party networking libraries like AFNetworking or AlamoFire.

Screen 1:

- First screen should contain a List of all the products returned by the Service call.

- The list should support Lazy Loading. When scrolled to the bottom of the list, start lazy loading next page of products and append it to the list.

Screen 2:

- Second screen should display details of the product.

BONUS: Ability to swipe to view next/previous item ( Eg: Gmail App)

BONUS: Use Swift.

BONUS: Universal app that works on both iPad and iPhone.

Submission:

Please send us a zip/tgz of your finished project, and don't hesitate to reach out if you have any questions.