

Thank you for your interest in joining the Gymshark Engineering team! We have a brief exercise for you to complete to test your problem-solving skills and basic engineering abilities.

Completion of this test does not guarantee a role here, but it will give us a good indication of your ability to complete some of the key aspects of the role and your ability to work with our code base.

We can't provide feedback on all submissions, but rest assured, this aspect of the process is very important to us!

# Mobile Engineering Challenge

## Introduction

The main goal of this exercise is to produce a mobile application demonstrating understanding in some of the core elements in Mobile Engineering. We are specifically interested in your ability to write clean, well-structured and testable code, and your ability to create a pleasant and error free user experience.

## Brief

Given an API endpoint which will return JSON, parse this and present as a list of products within an application. As part of this list, an image should be shown for each product. In addition, a title, and other attributes such as price, colour etc will also be available in the JSON.

The application should be able to handle incorrect and/or missing images. Some products contain “Labels” which indicate various product states, indicators on each product should reflect these labels.

Selecting each product will then show further information about this product.

## Key Details

You have full creative control over how this app looks and feels, though there would be a heavy preference if the following is incorporated:

* SwiftUI / Jetpack Compose
* MVVM
* Unit Testing

The JSON contains the exercise information in HTML format and should be presented to the user appropriately.

## API Endpoint

<https://cdn.develop.gymshark.com/training/mock-product-responses/algolia-example-payload.json>

## Deliverable

Please also send us your code via a publicly accessible git repository (GitHub or similar is fine).

We look forward to receiving your application!