

Xcode Fundamentals

Setting the Stage



Jonathan Wong

Senior Software Engineer

@fattywaffles

Xcode Fundamentals

Version Check



Version Check



This course was created by using:

- MacOS Sonoma (14.2.1)
- Xcode 15.3
- Swift 5.10
- iOS 17.0



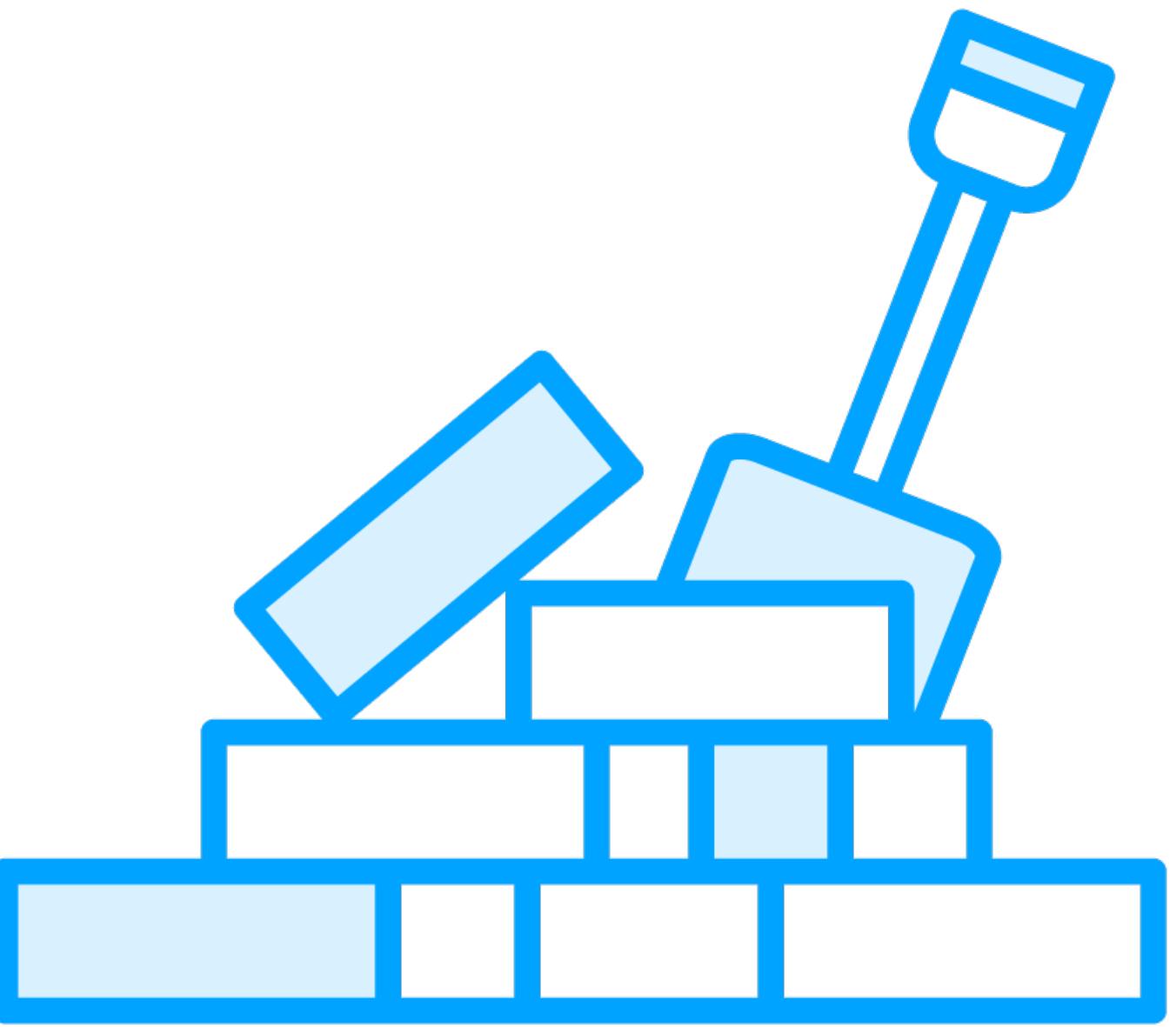
Version Check

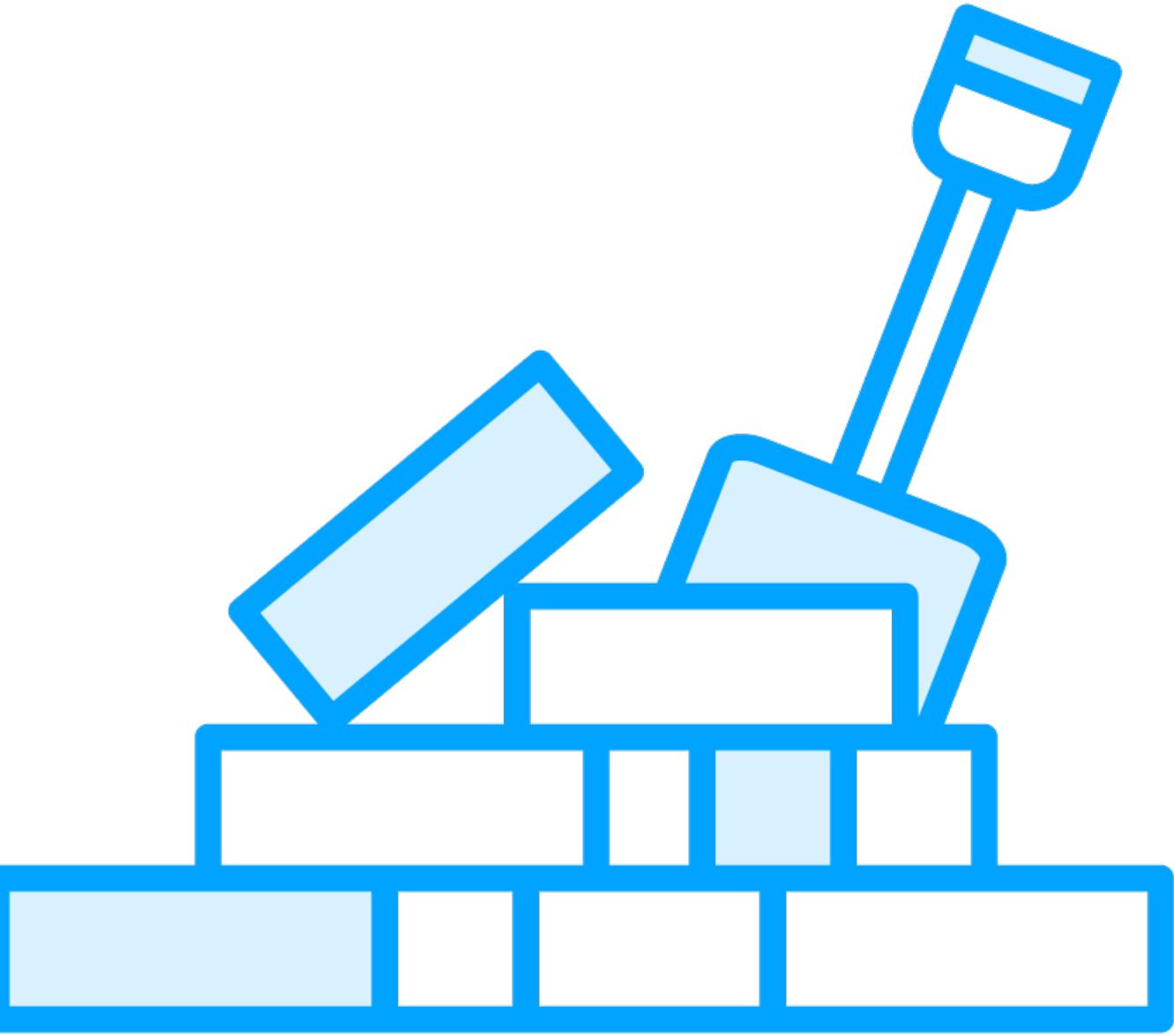


This course is 100% applicable to:

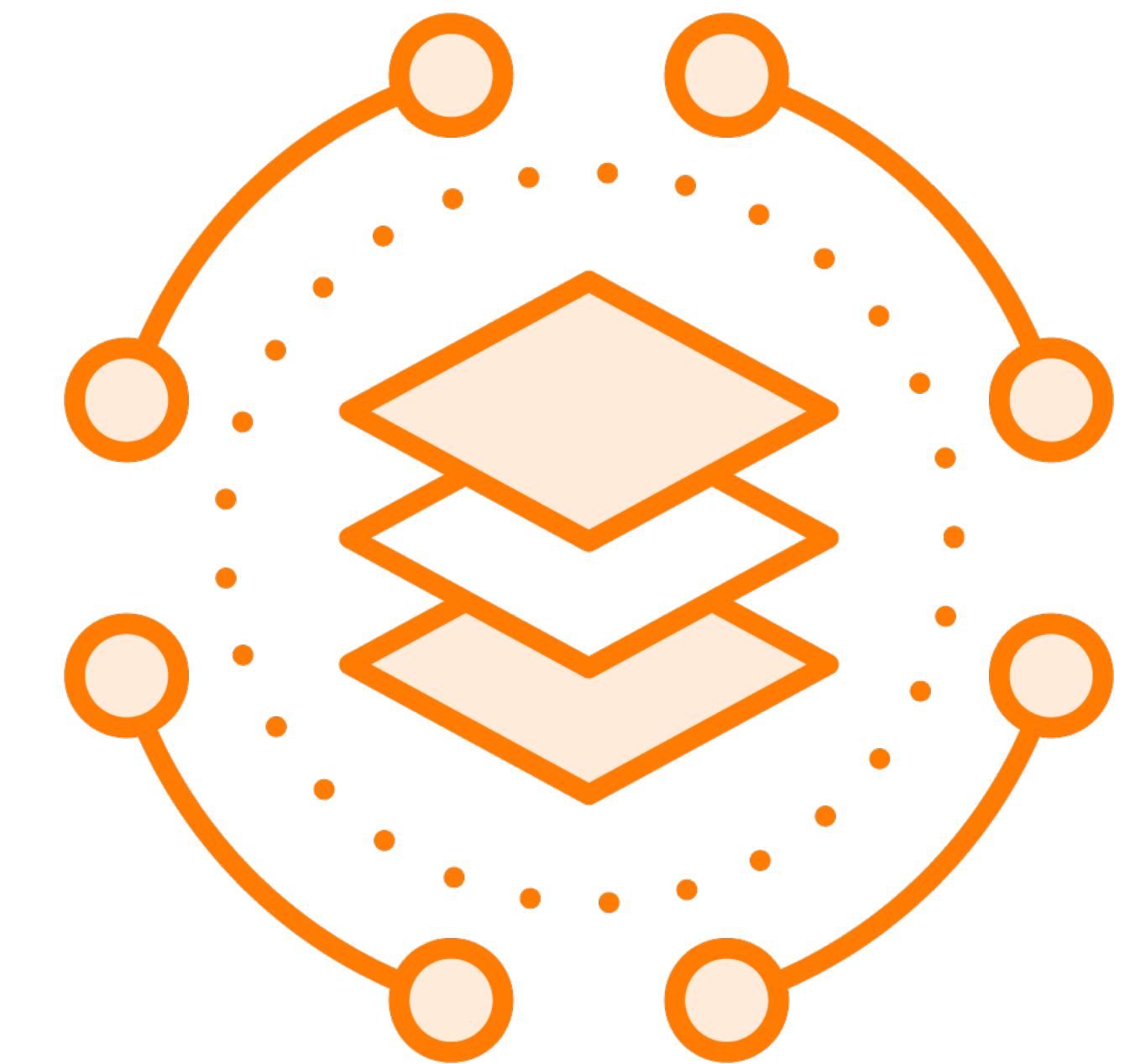
- MacOS Sonoma (14.2.1) or higher
- Xcode 15.3 or higher
- Swift 5.10 or higher
- iOS 17.0 or higher





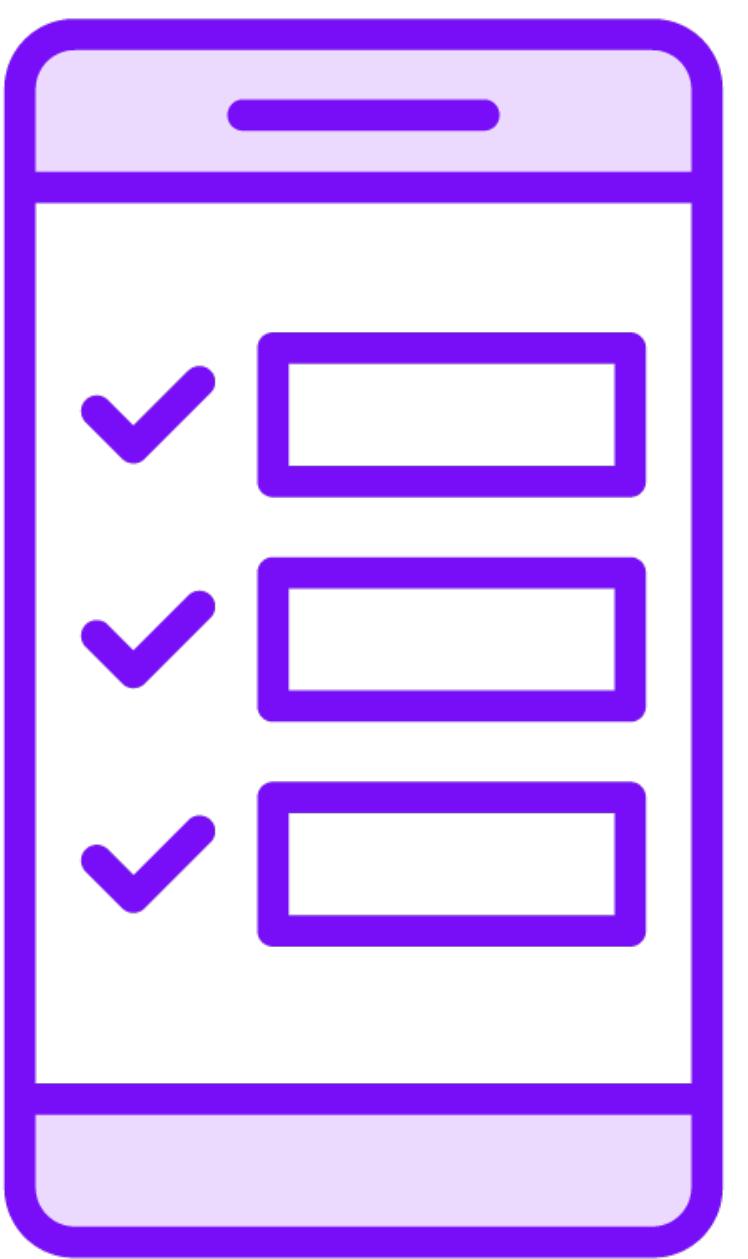




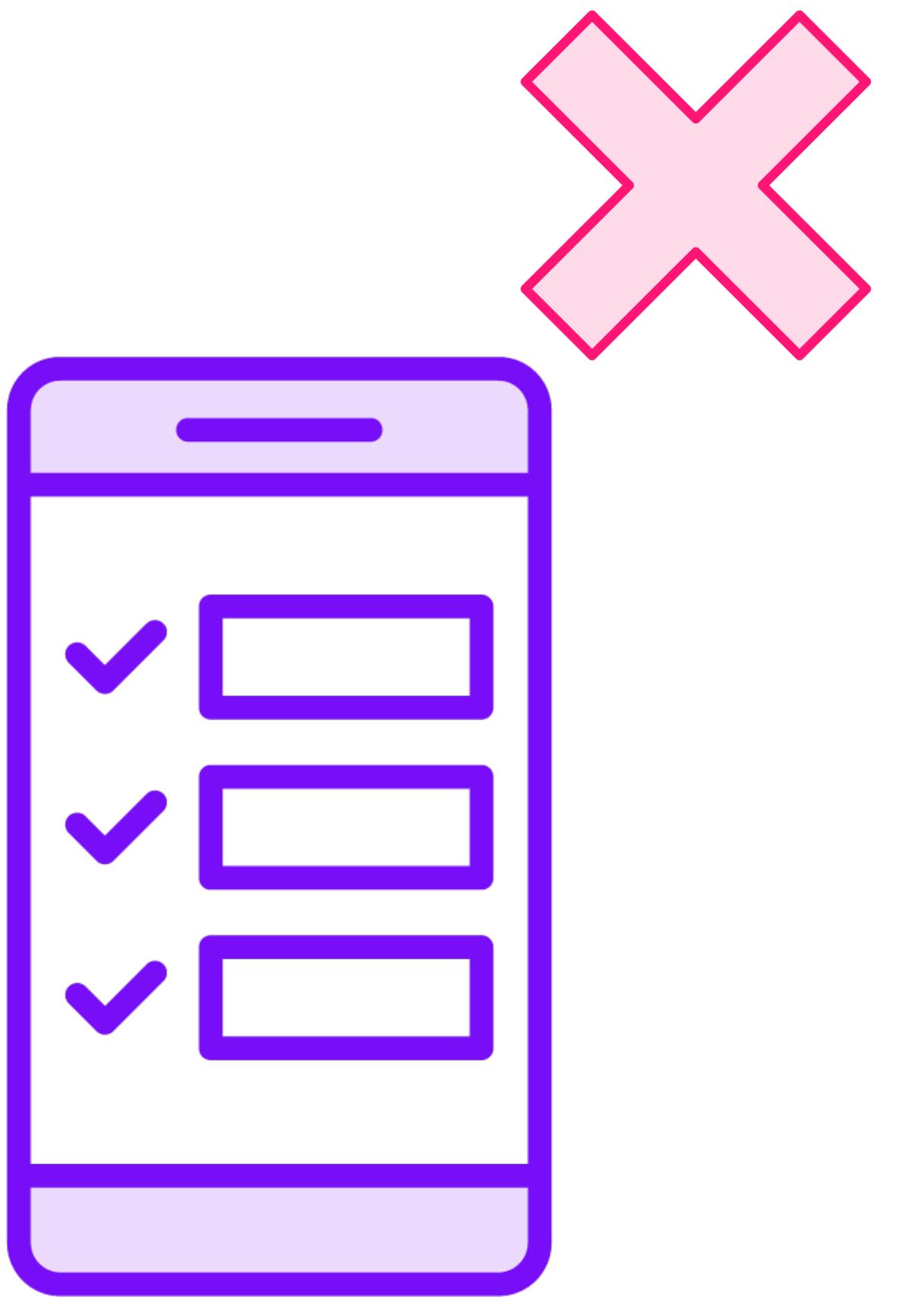


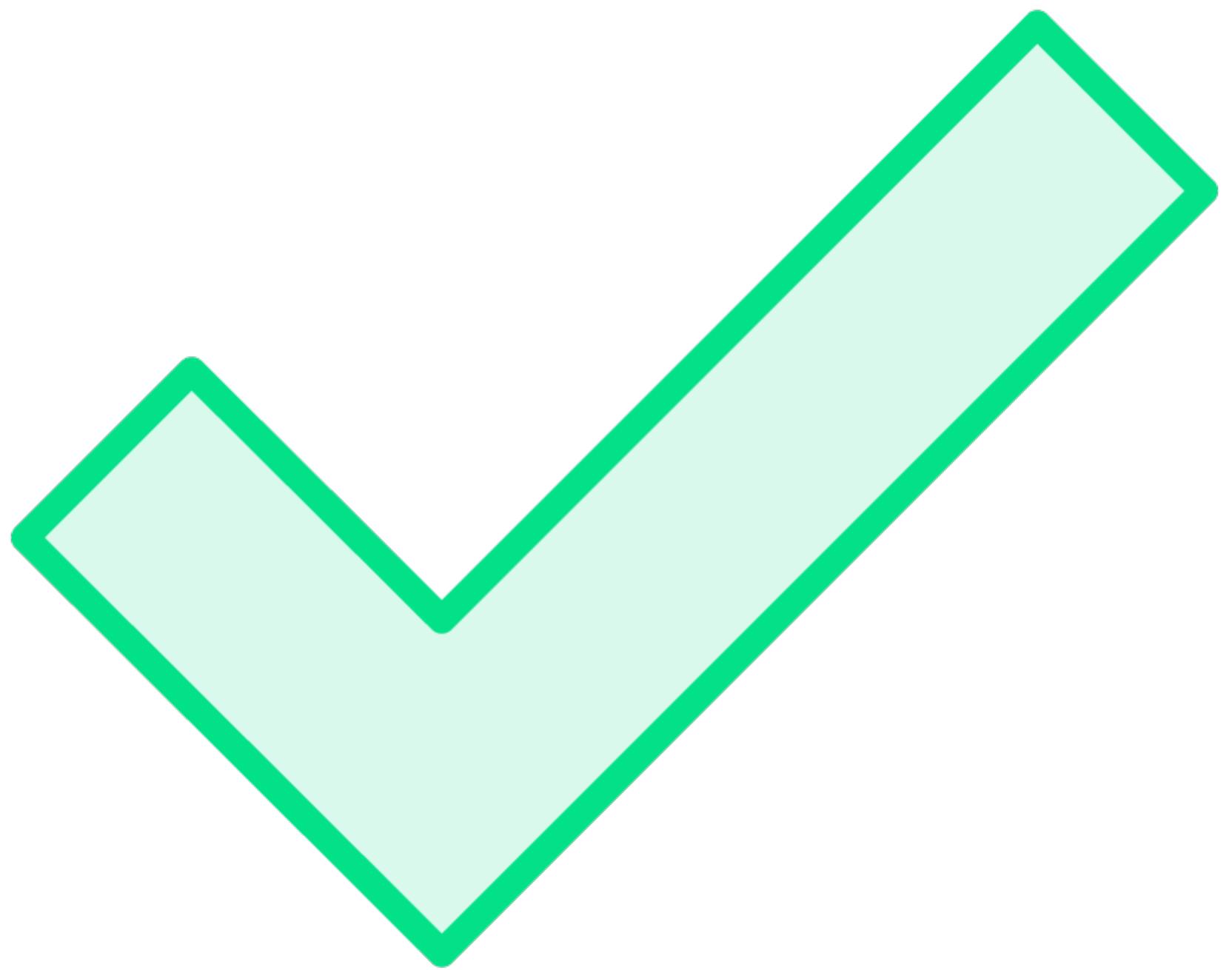


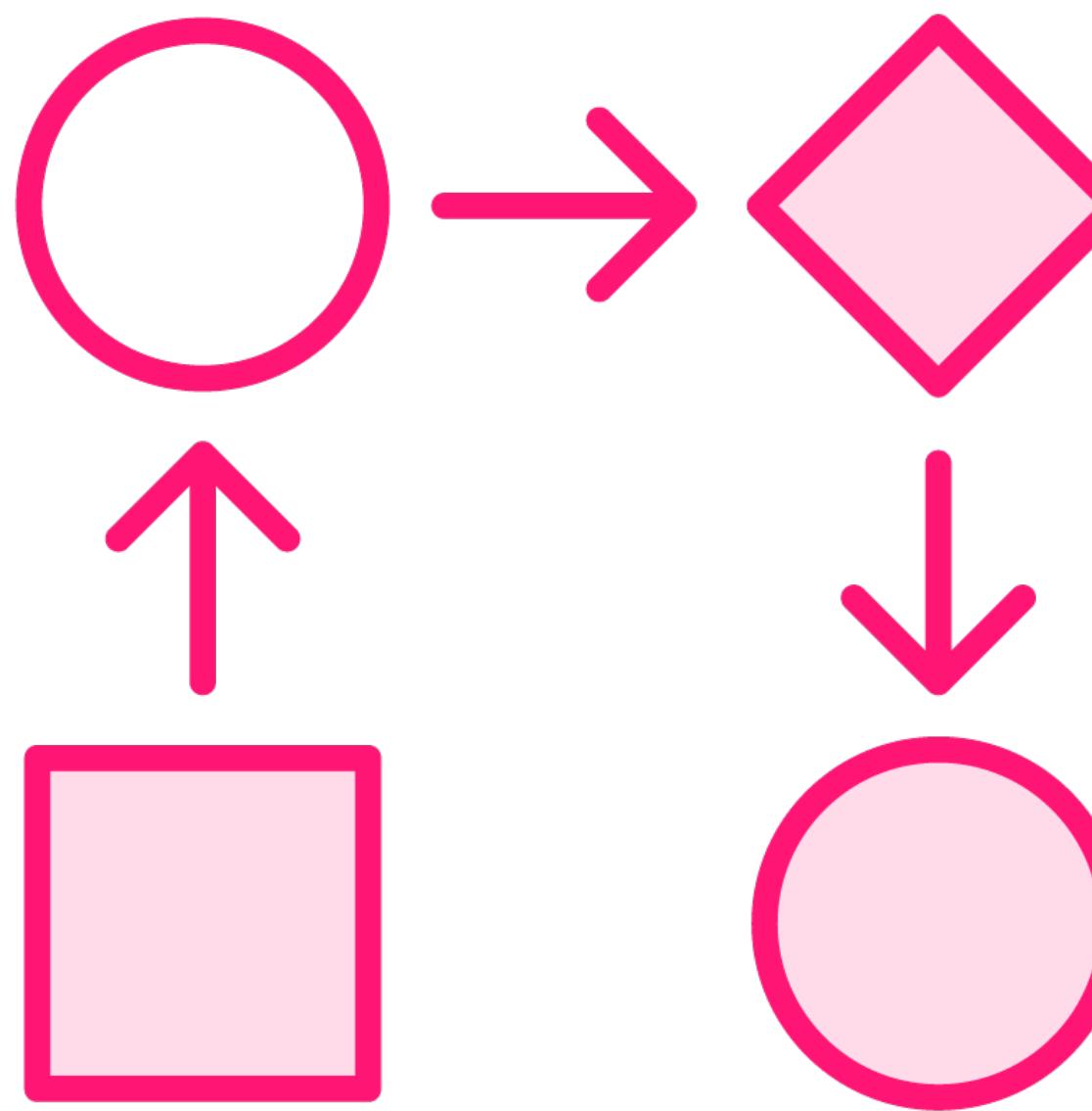
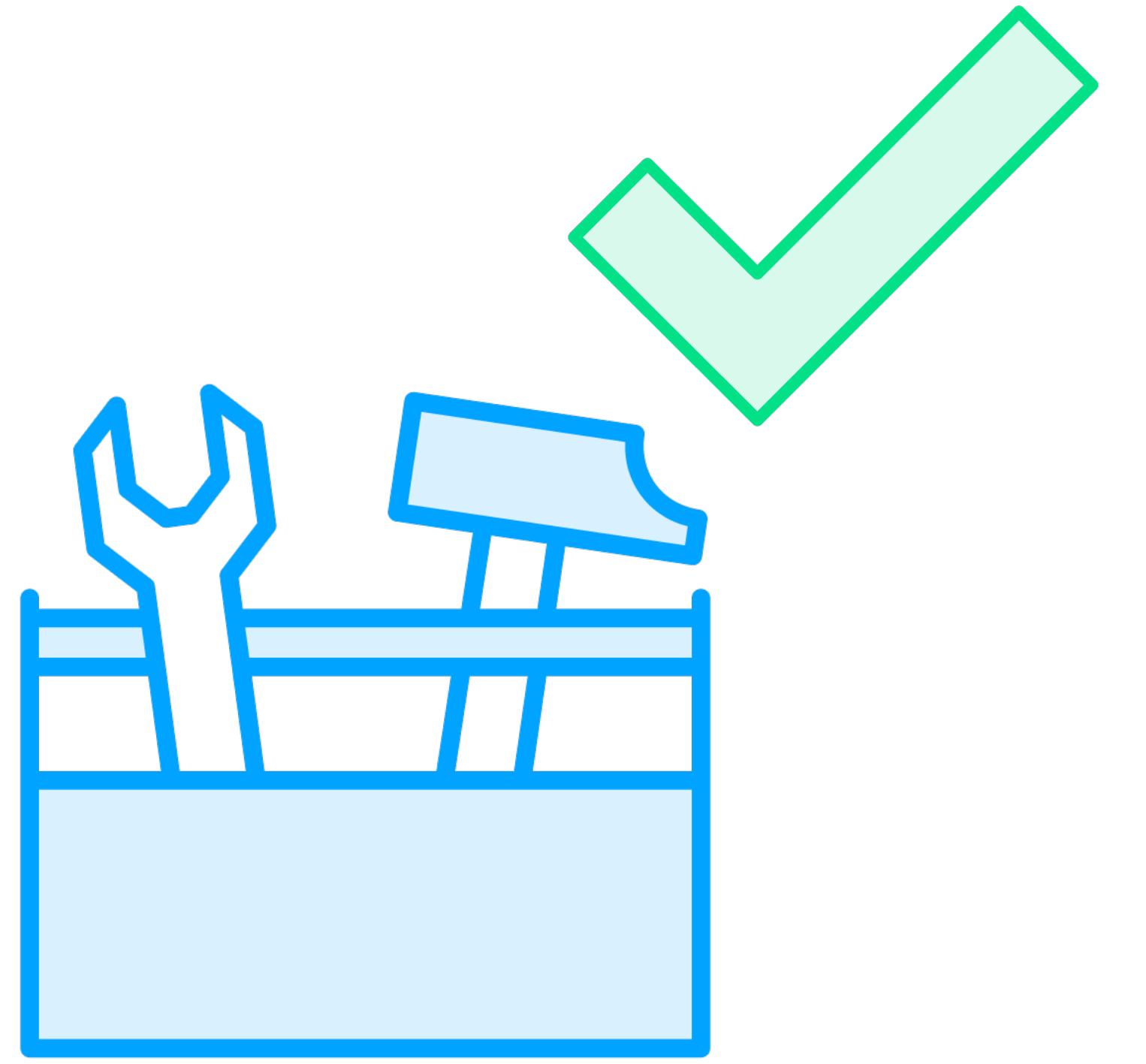


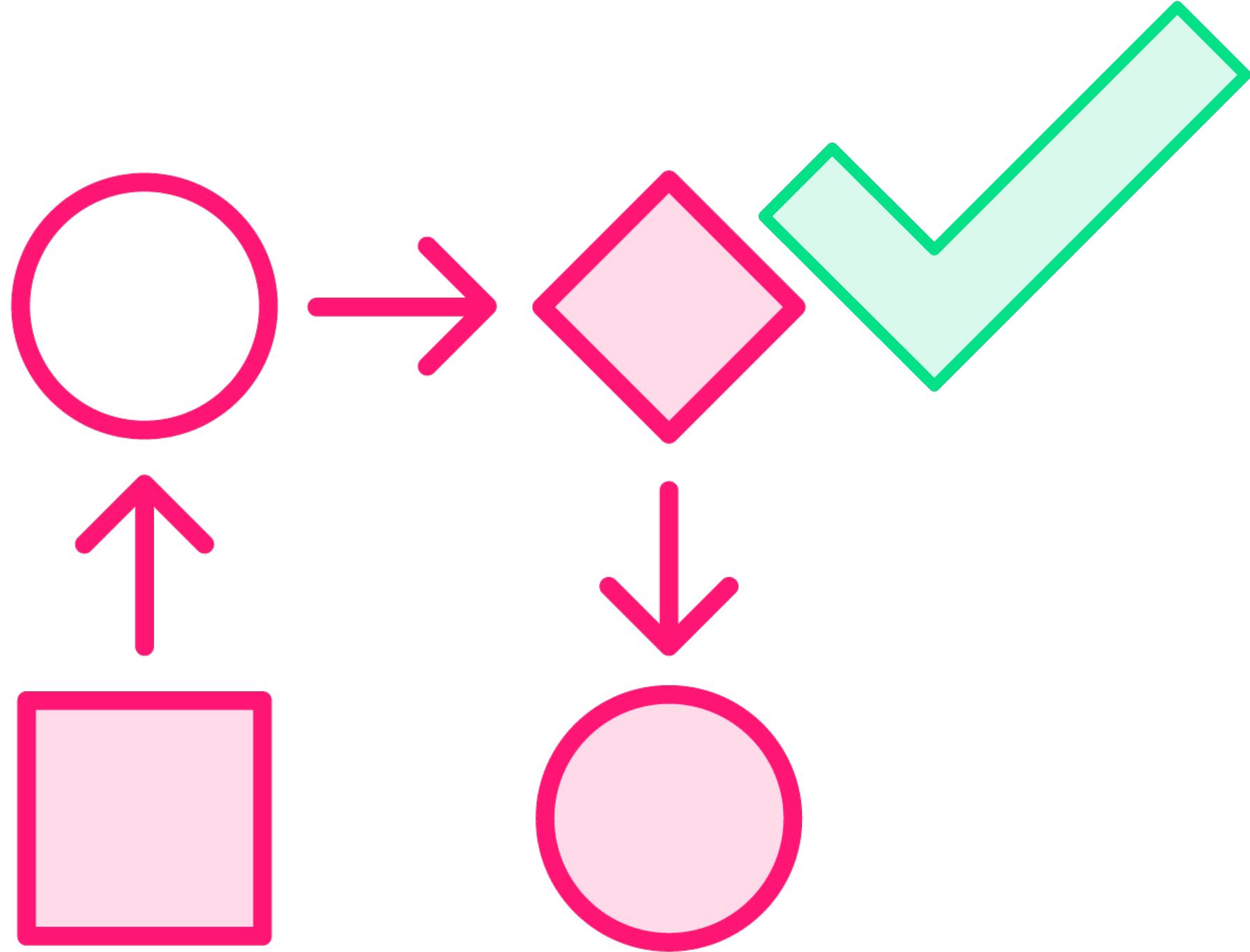
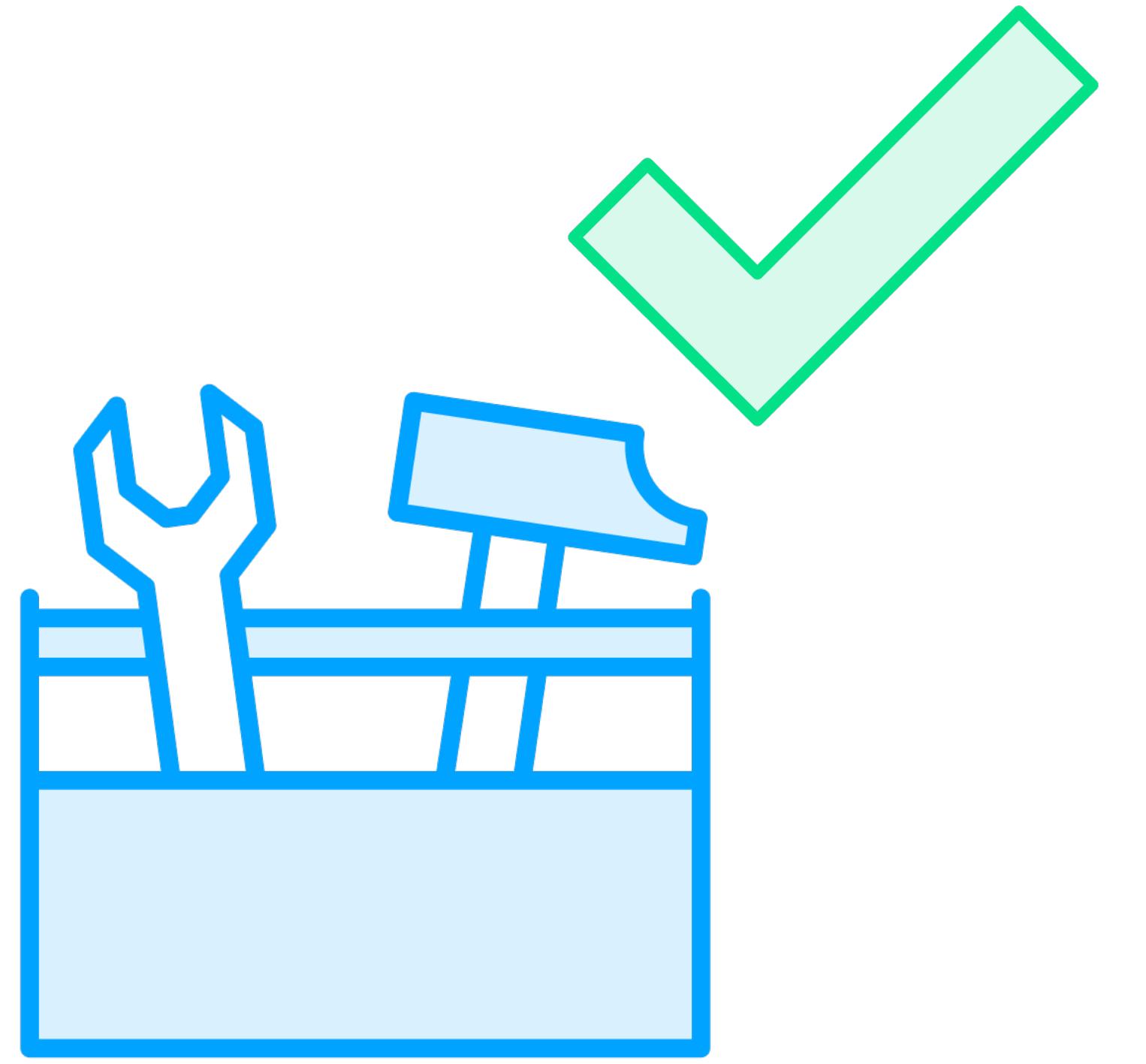








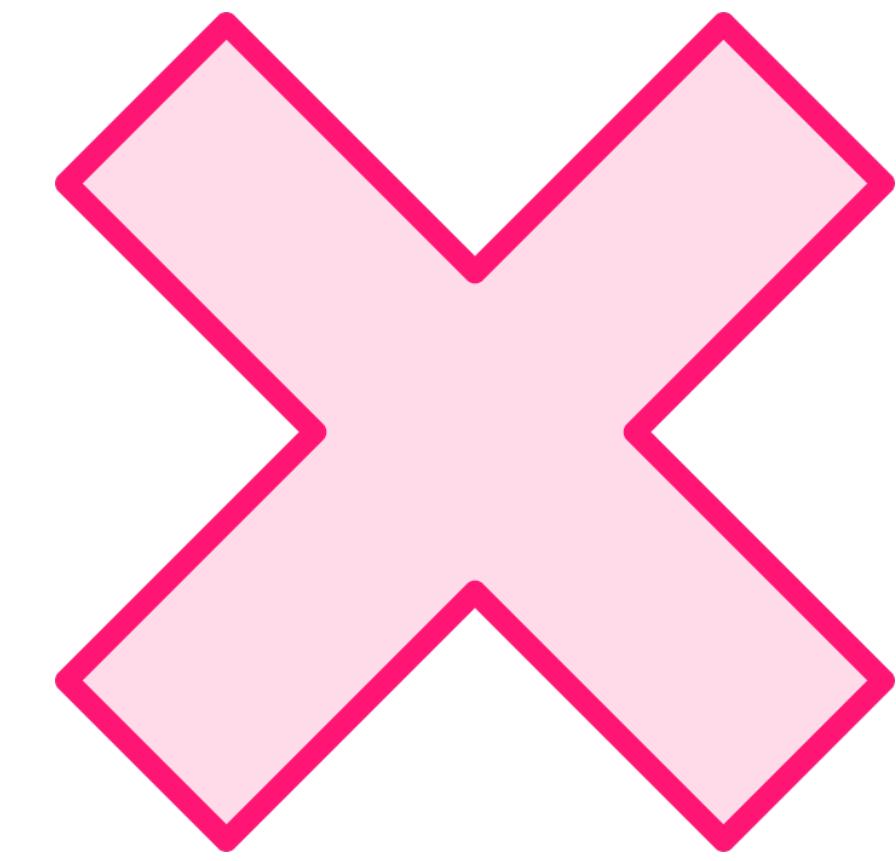
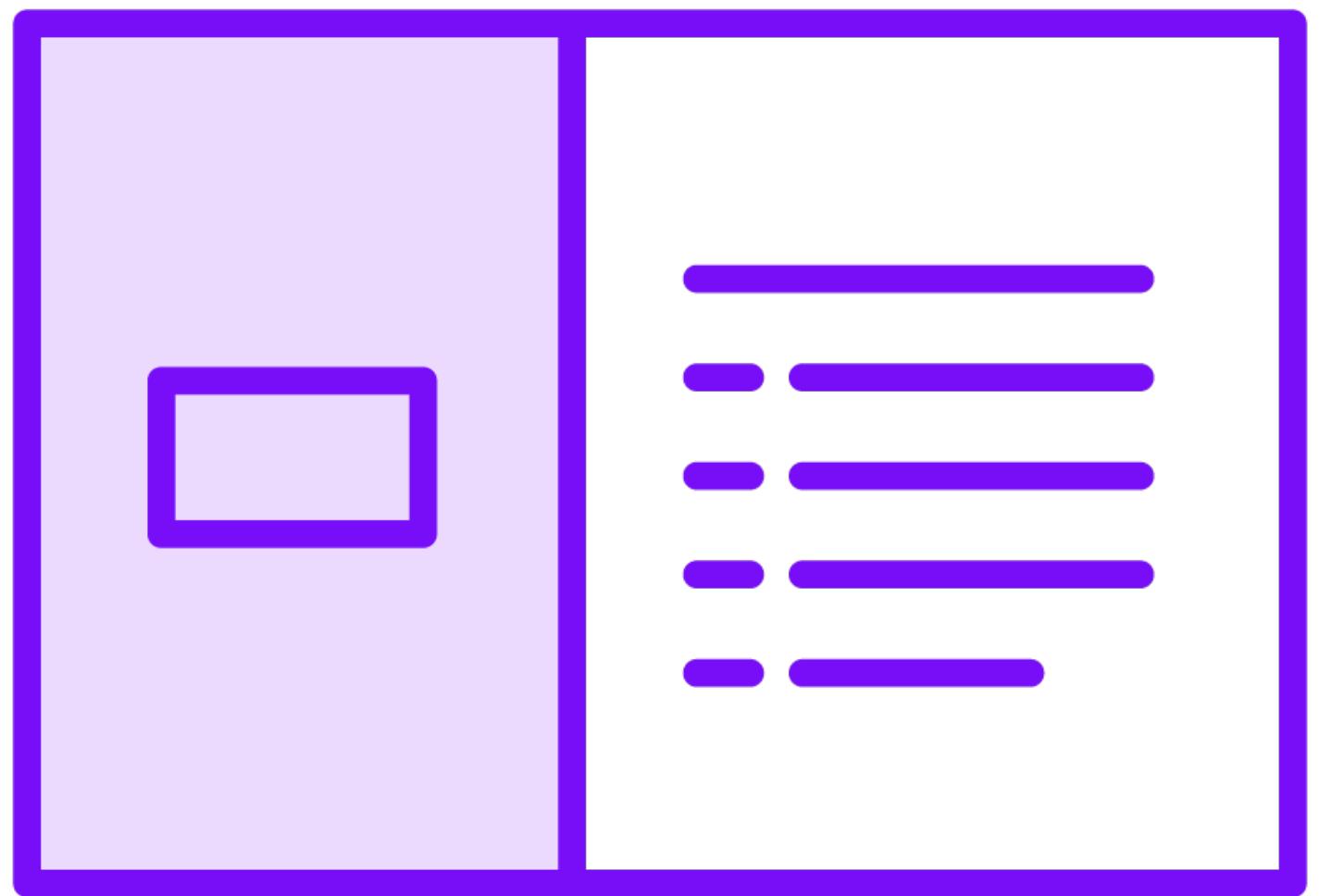




SwiftUI

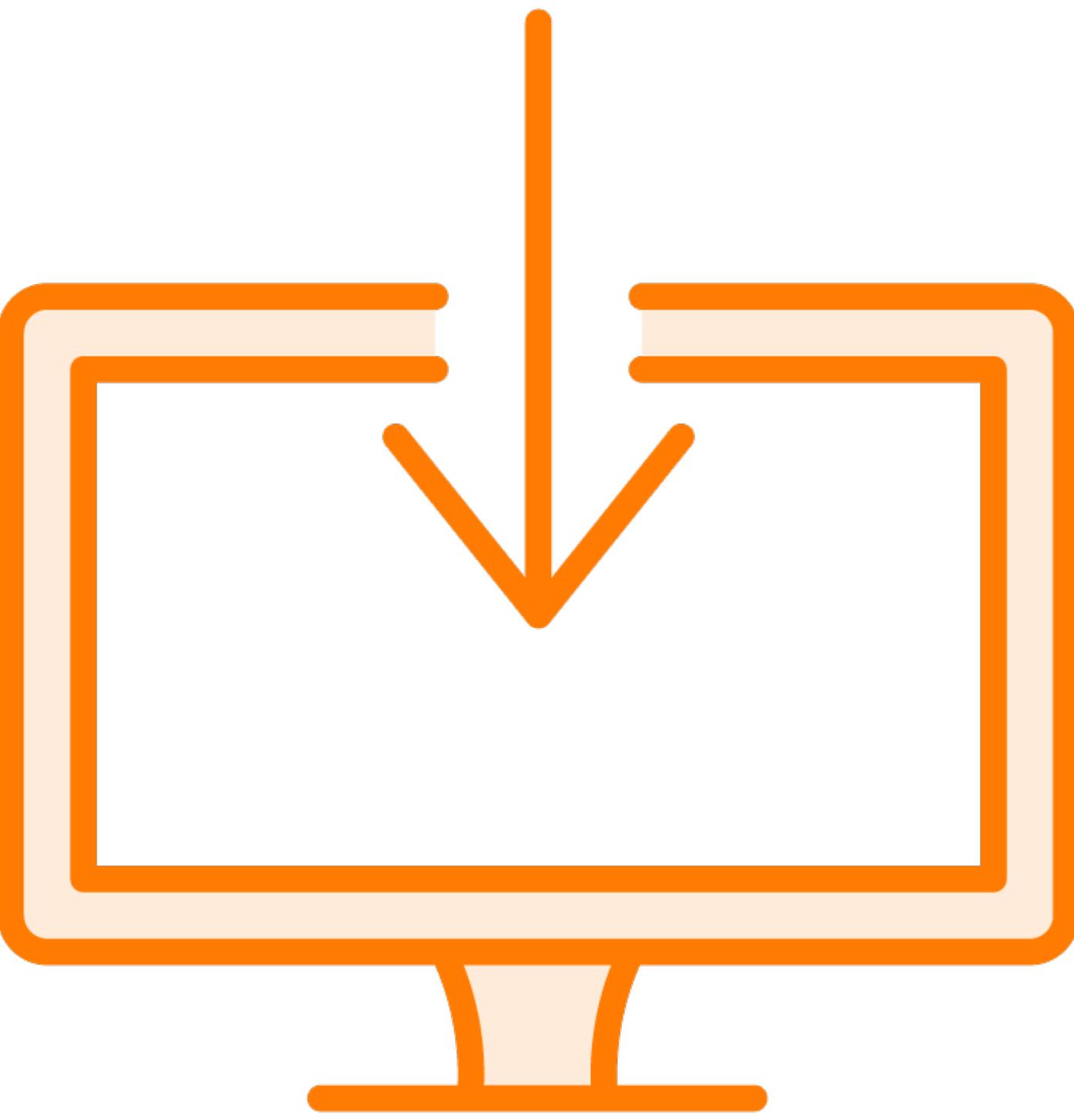
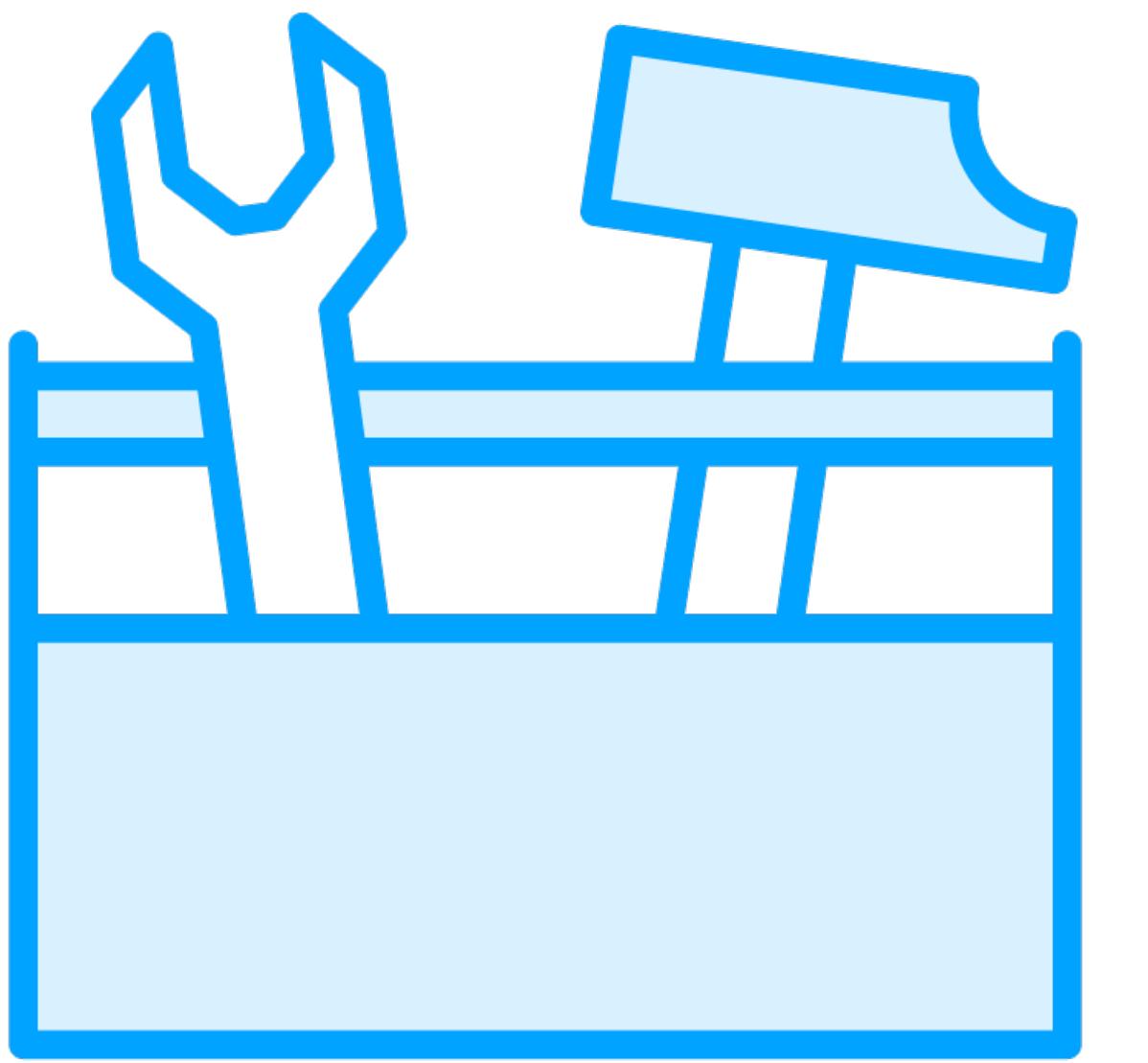
UIKit

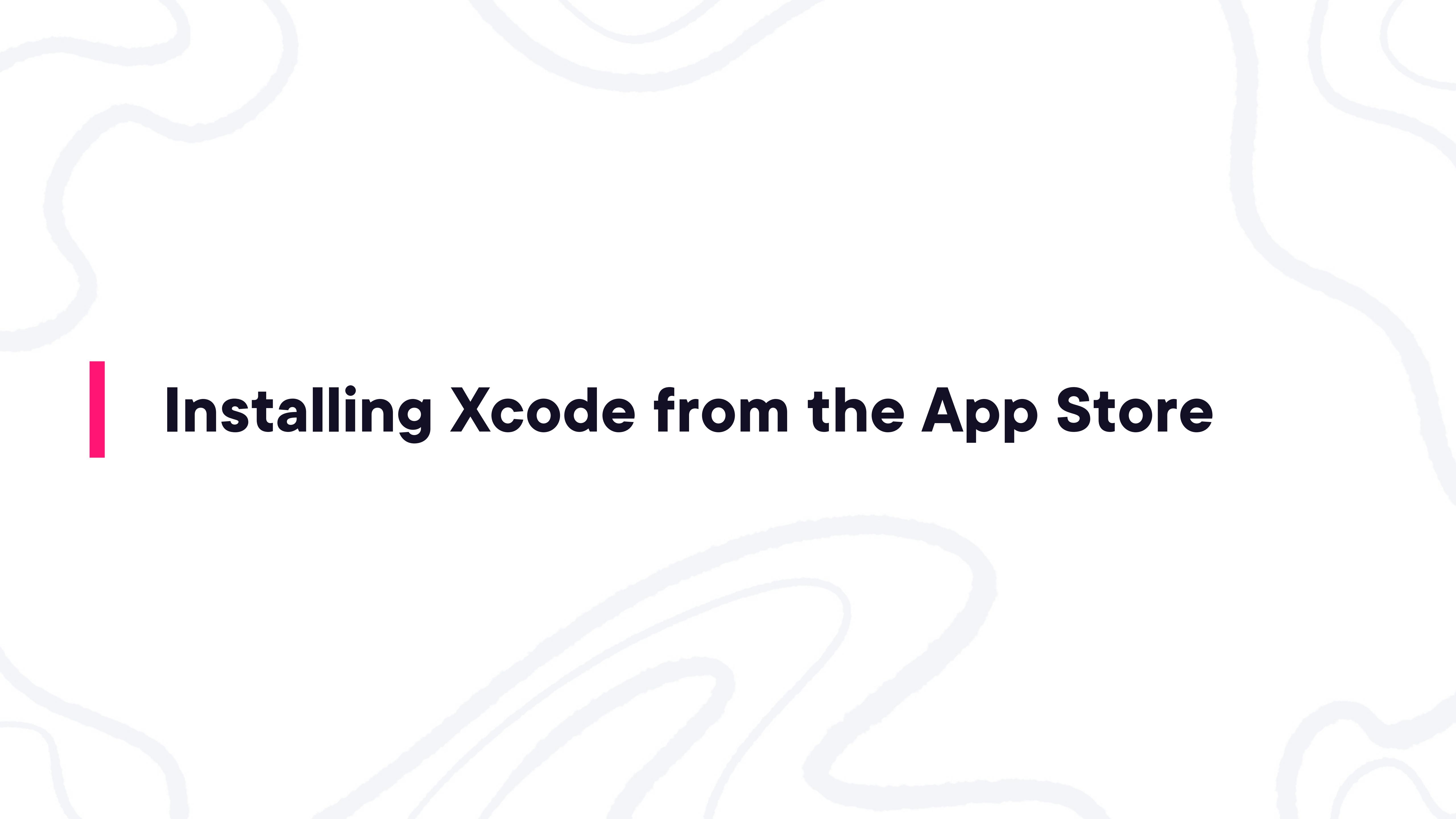
Swift











Installing Xcode from the App Store









macOS compatibility

Target older OS versions

CI/CD pipeline



macOS compatibility

Target older OS versions

CI/CD pipeline

App Store installs latest version

App Store installs latest version

Install an older version?

App Store installs latest version

Install an older version?

Install an older version?



Installing Xcode from the Developer Portal



Managing Multiple Versions of Xcode

```
xcode-select -p # or -print-path
```

```
sudo xcode-select -s # or --switch
```

What you need to know for success:



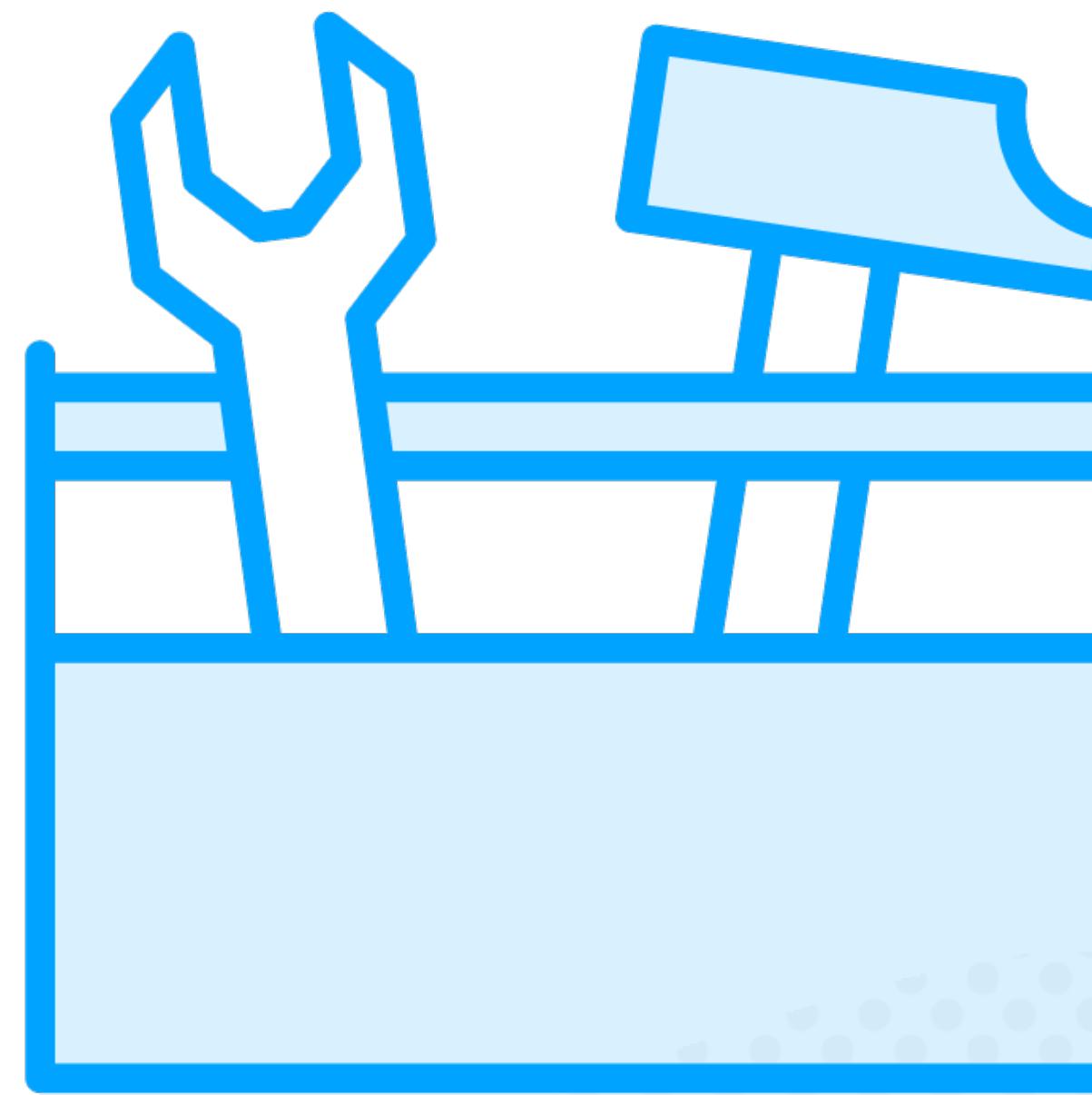
Xcode

SwiftUI

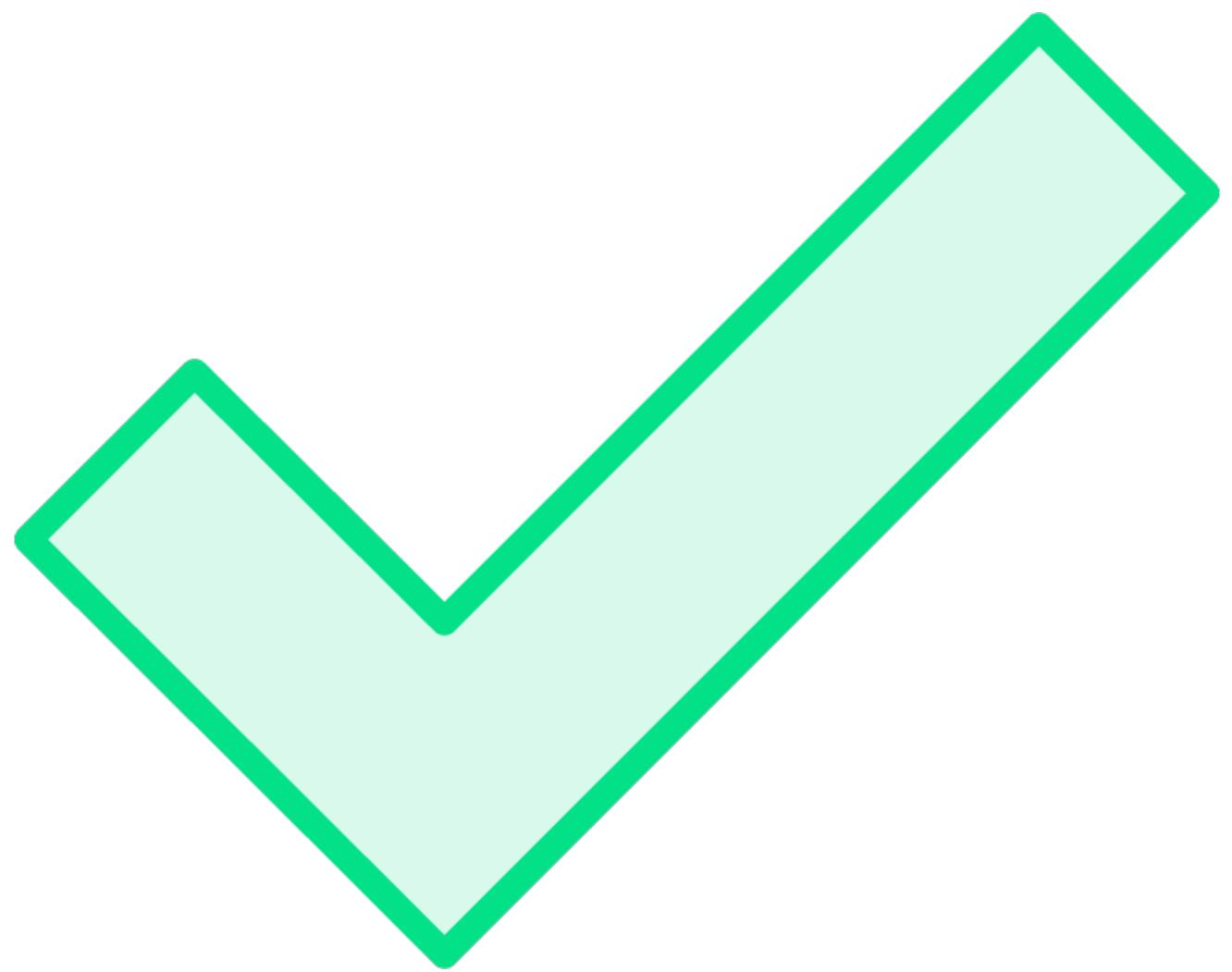
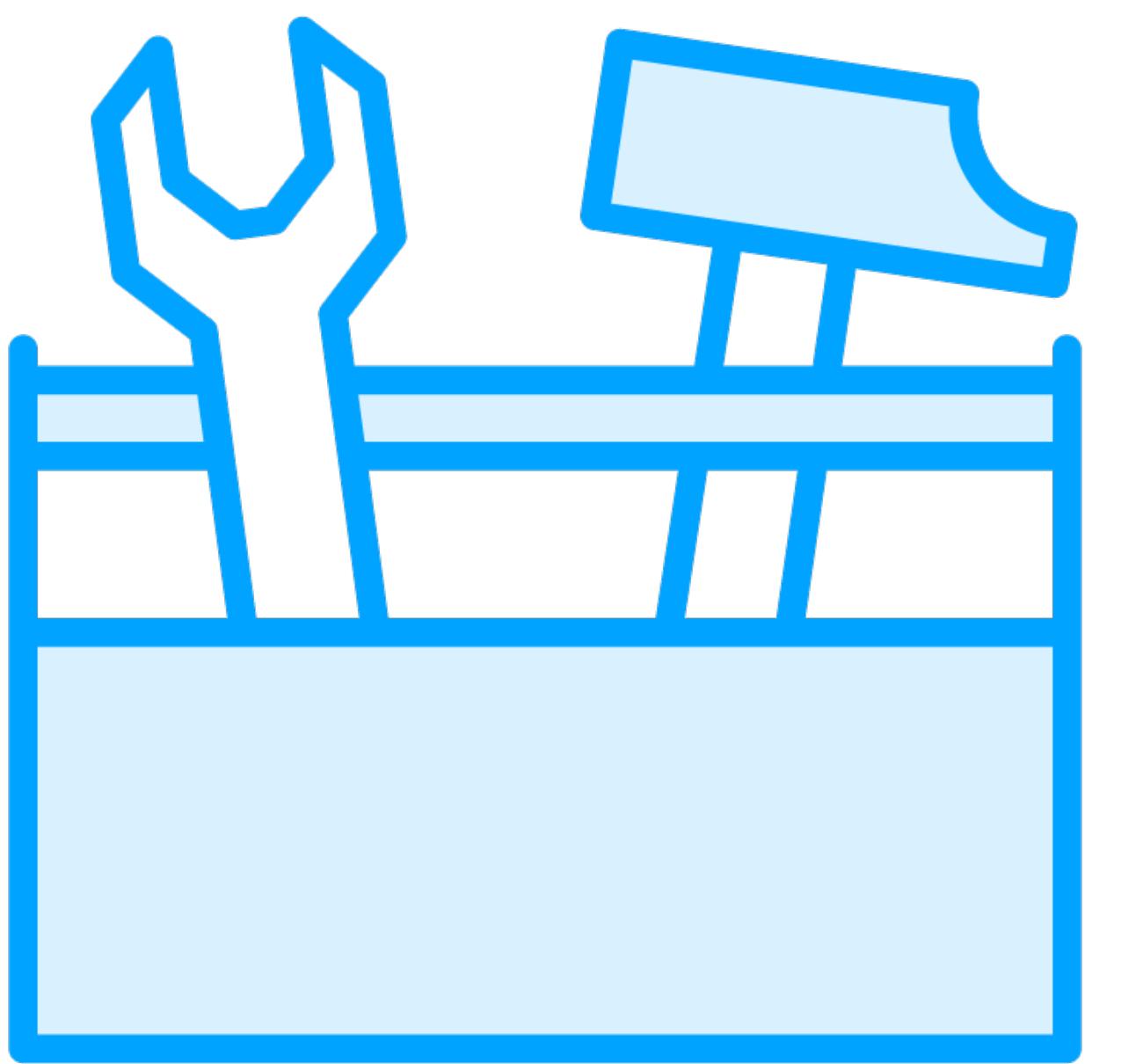
UIKit

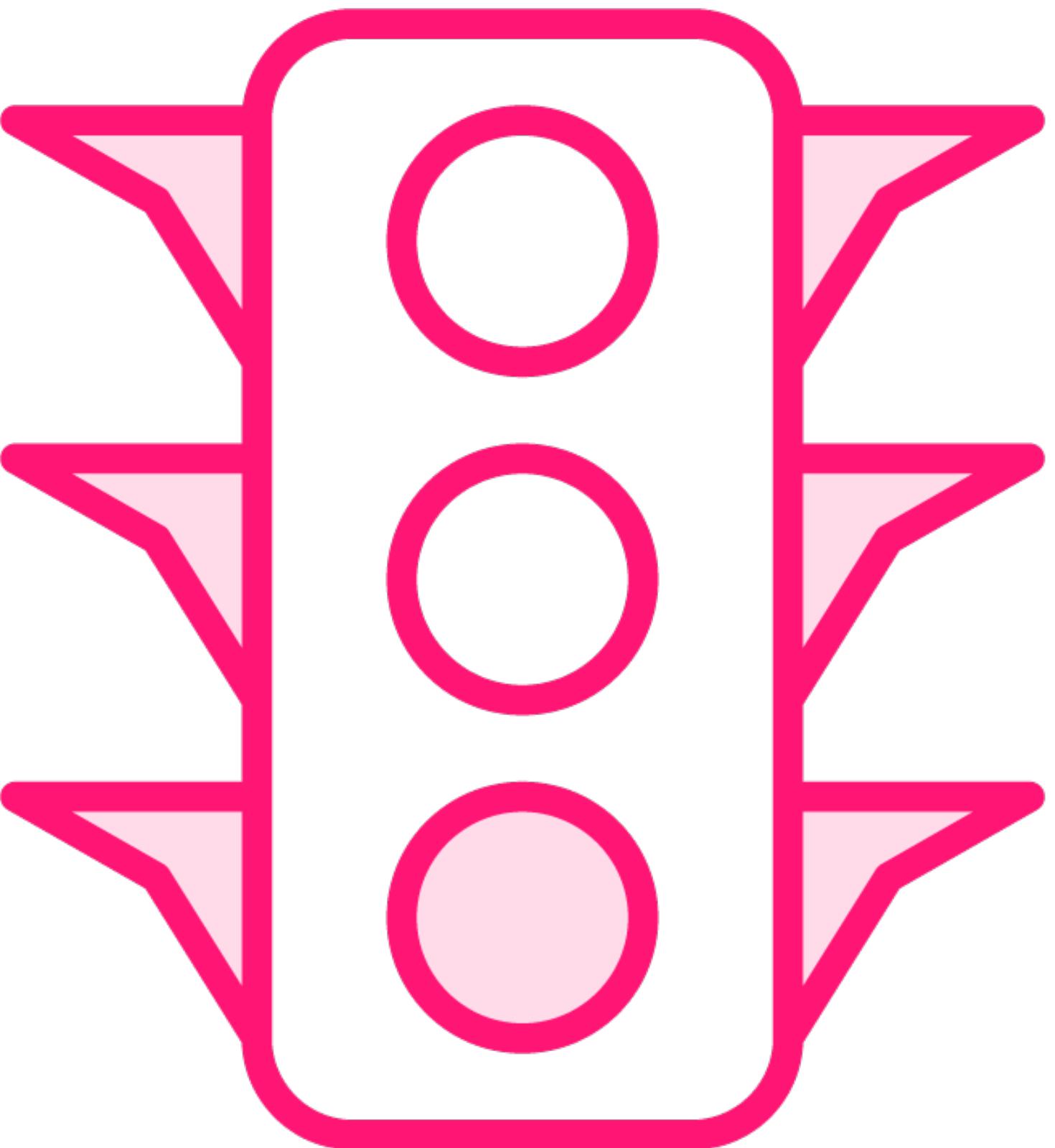
Swift

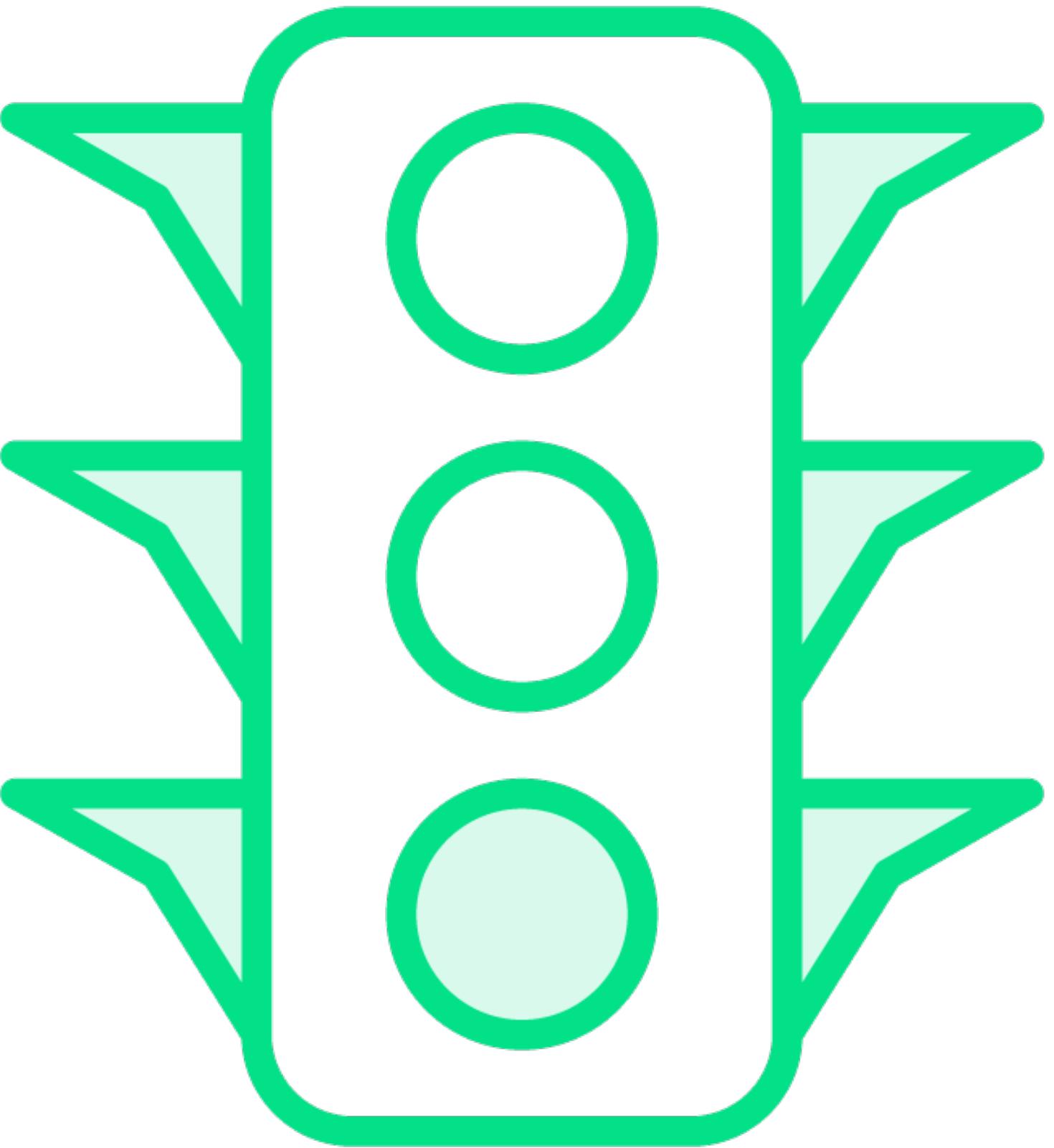
Xcode
SwiftUI
UIKit
Swift





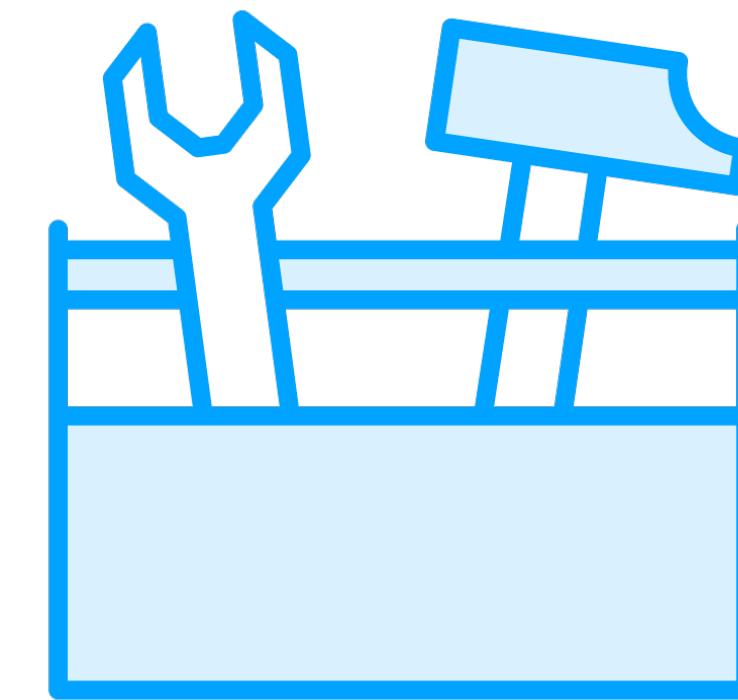
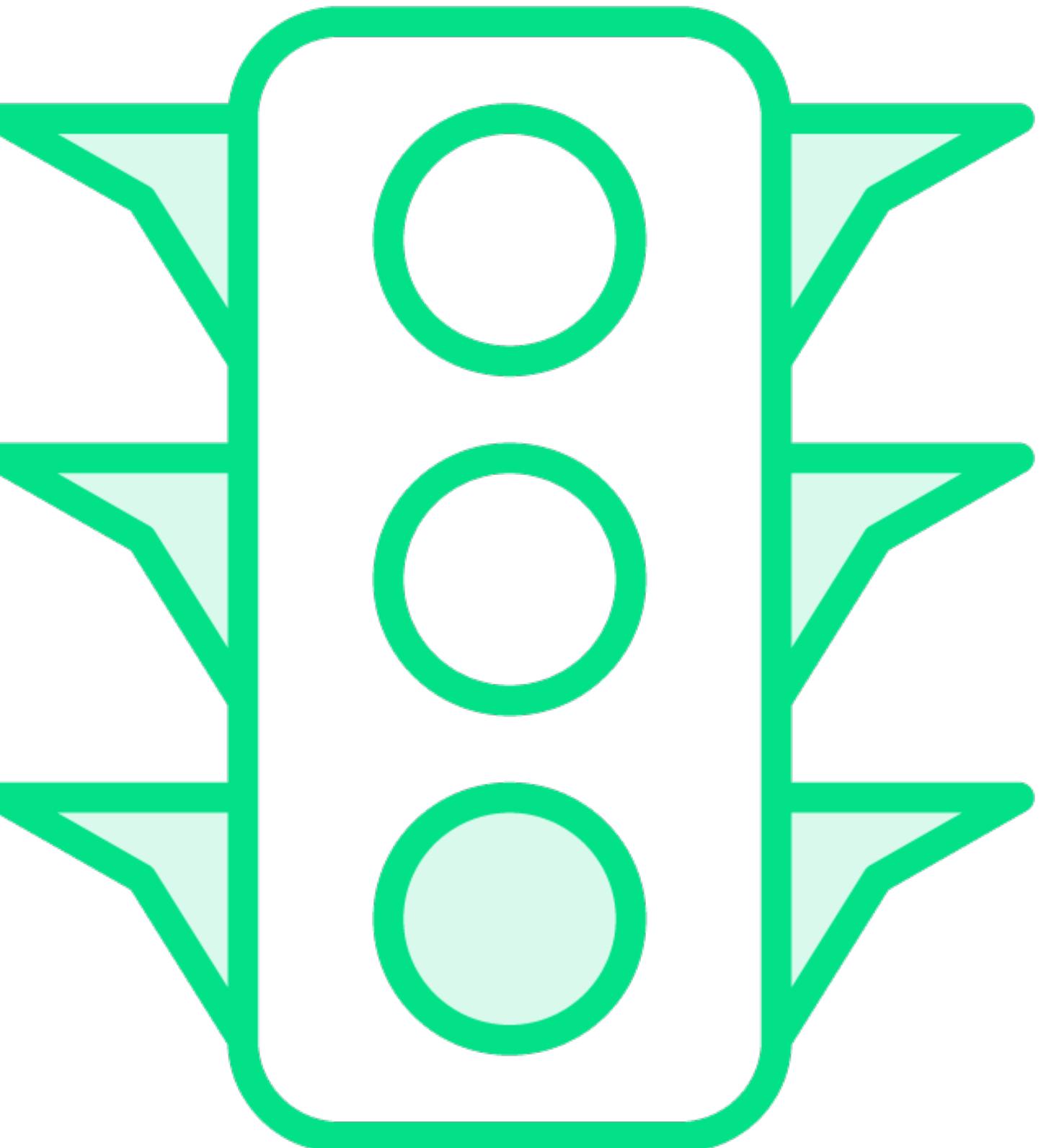








15.3



15.1



15.1



Introducing the Demo Project