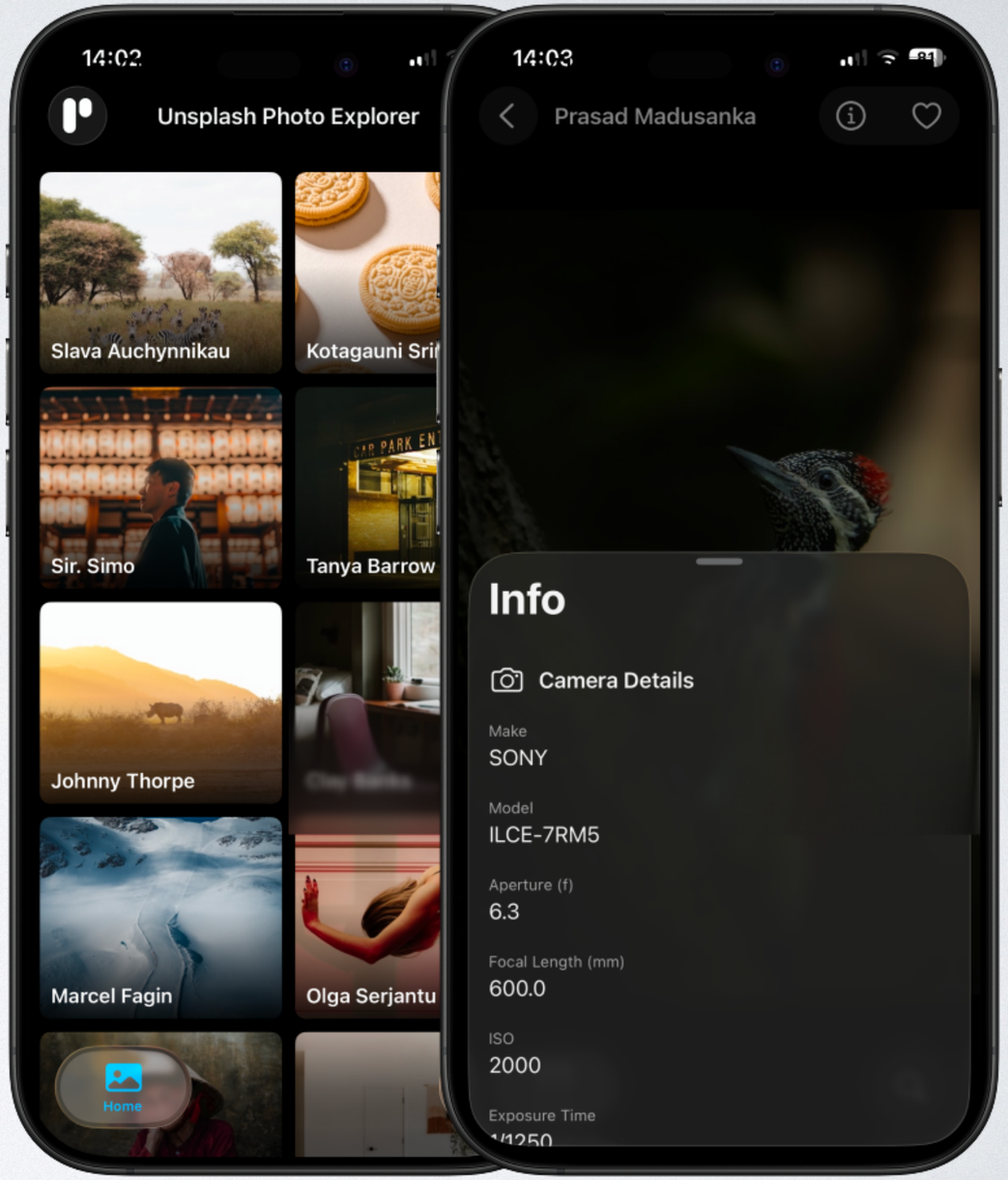
UNSPLASH PHOTO EXPLORER APP

DEVELOPMENT PROCESS



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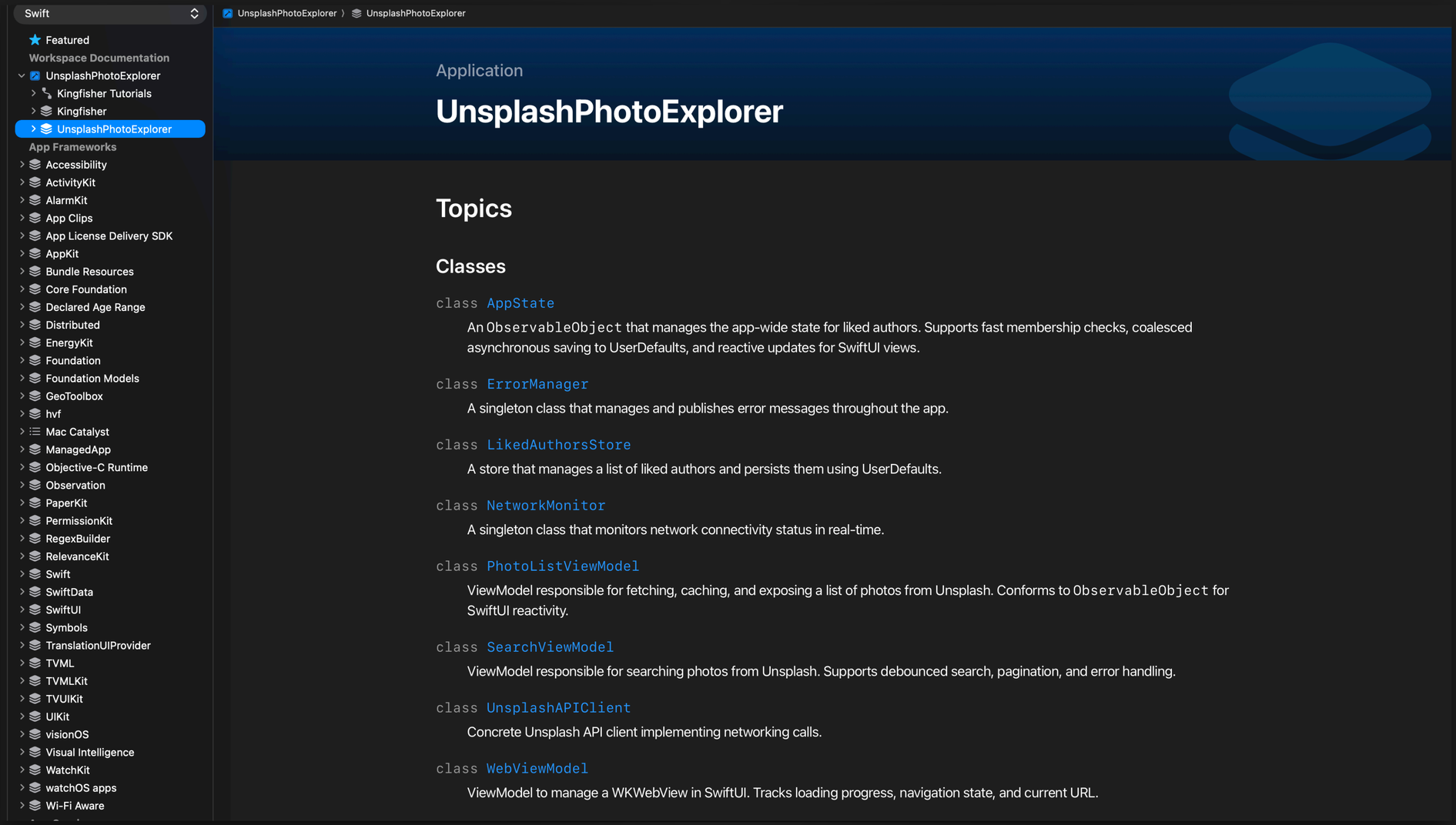
DOCUMENTATION



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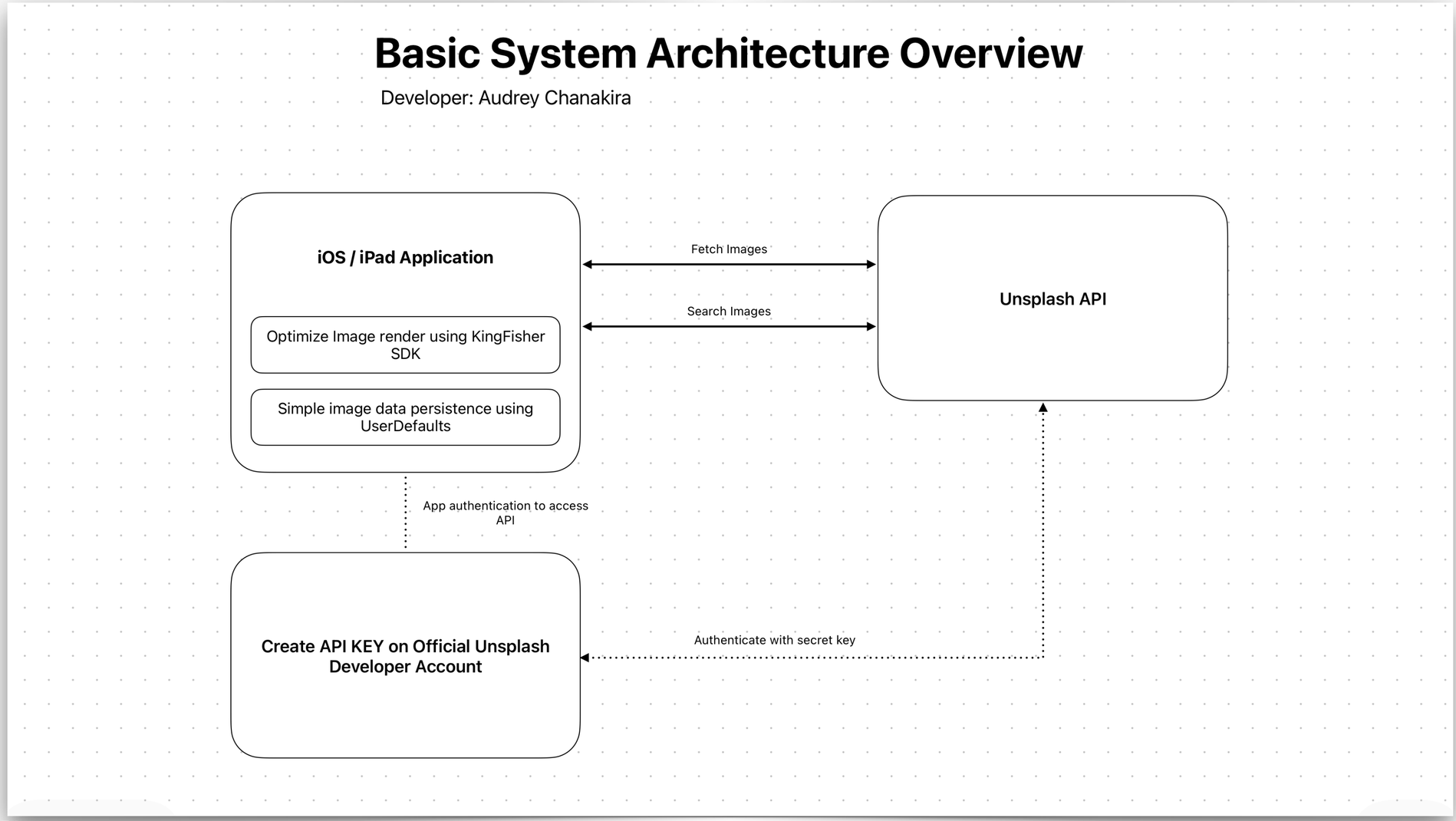
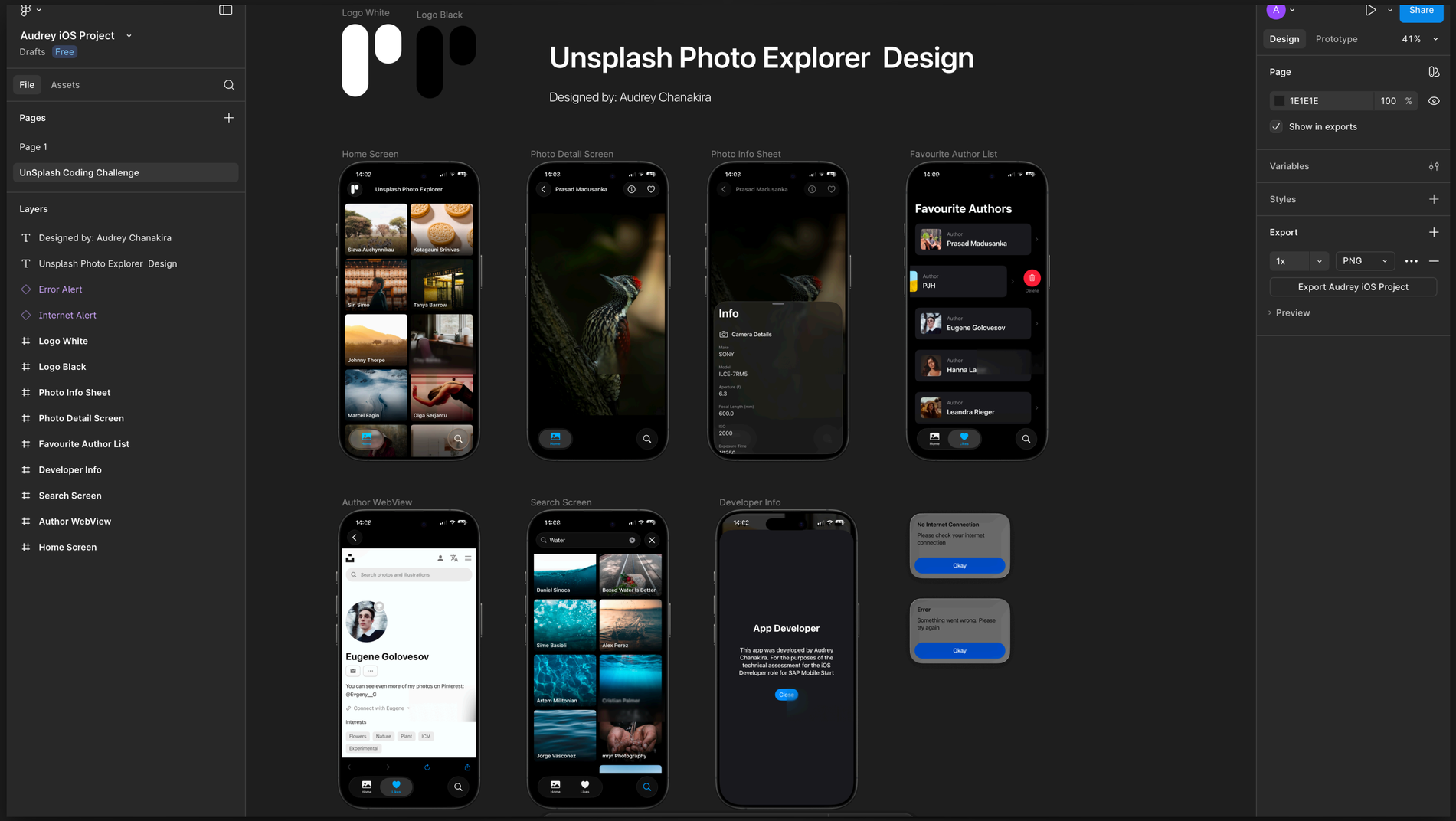
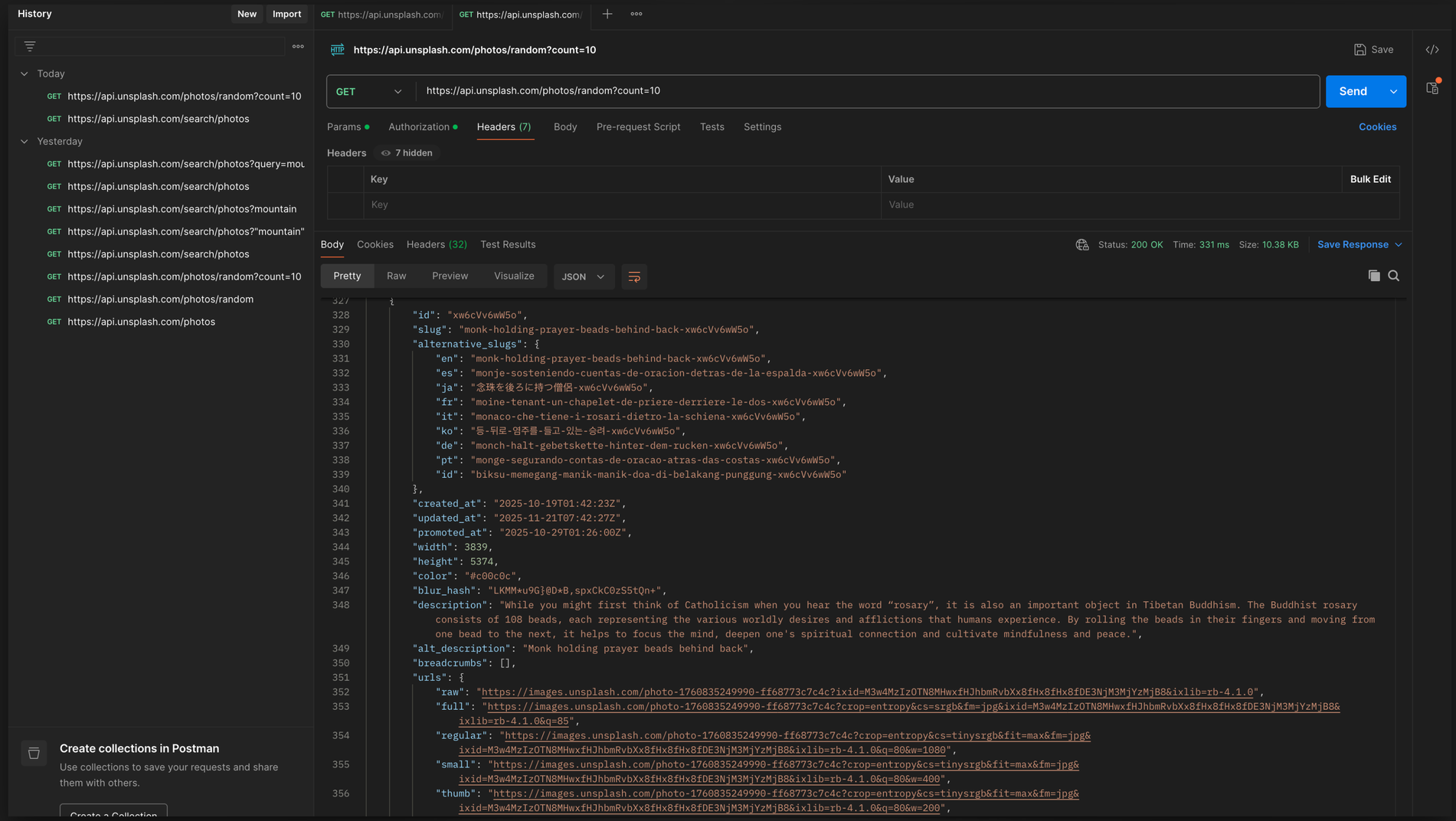
BASIC SYSTEM ARCHITECTURE



FIGMA UI/UX DESIGN



POSTMAN API TESTING



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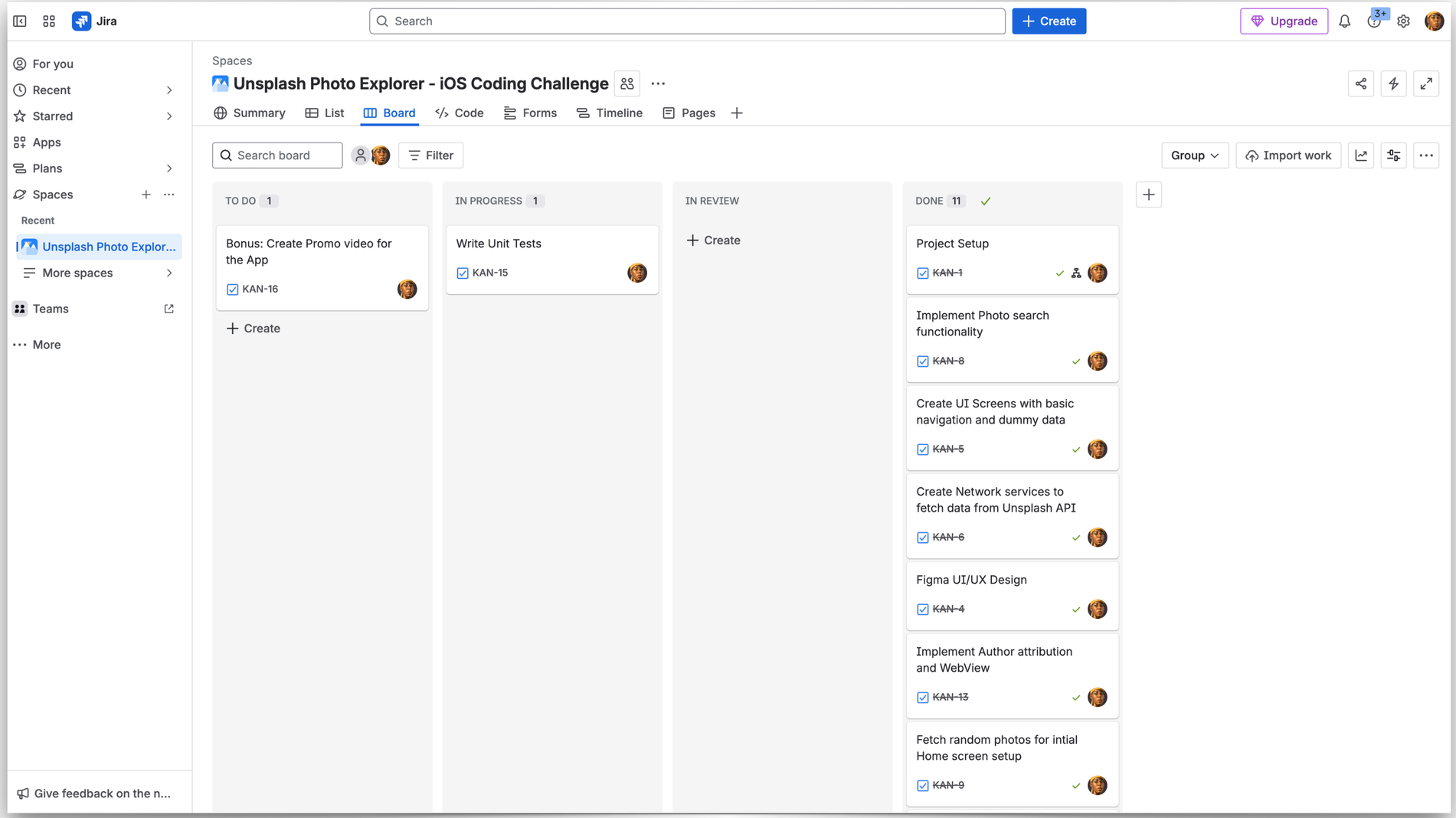
JIRA PROJECT MANAGEMENT



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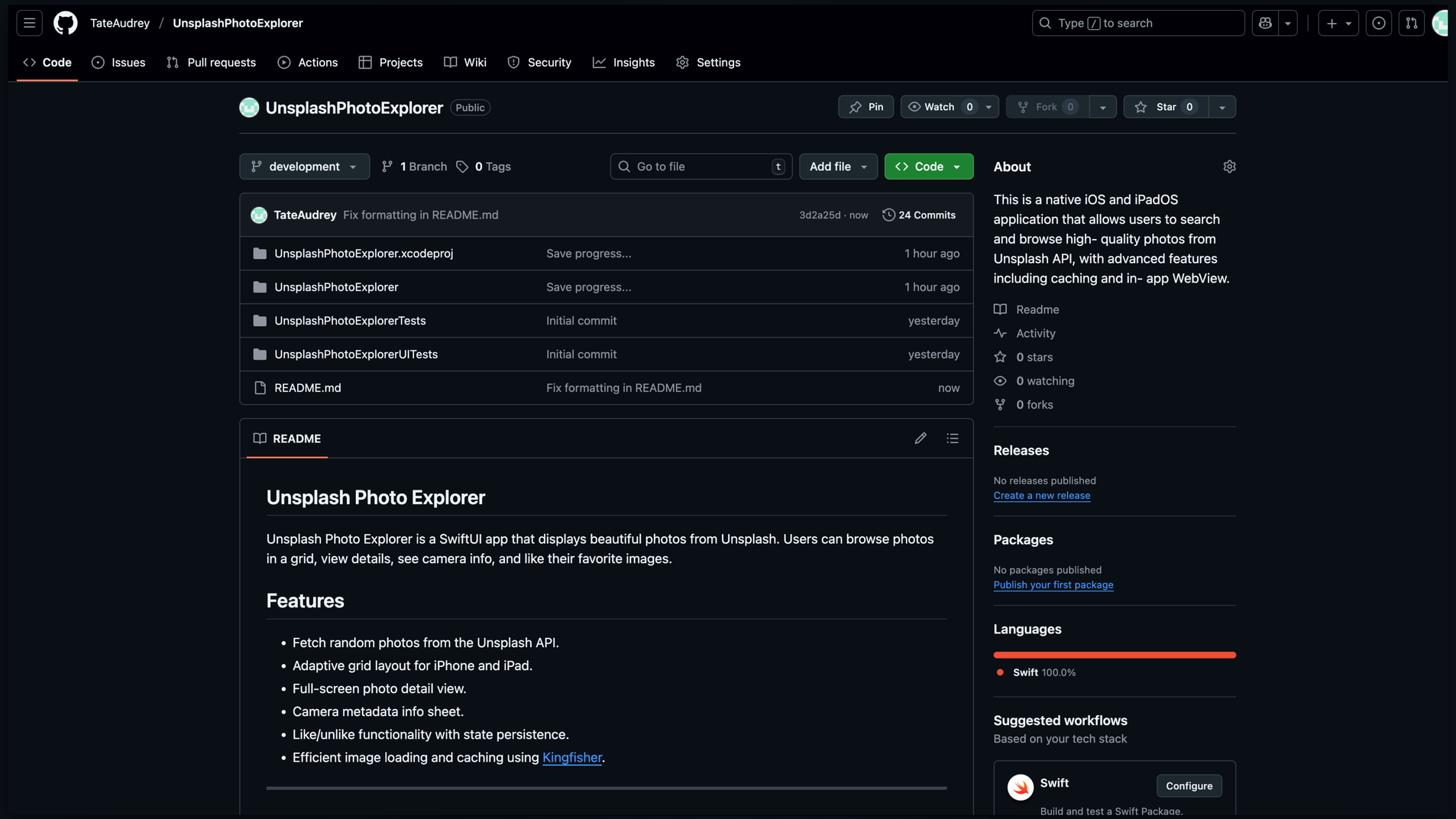
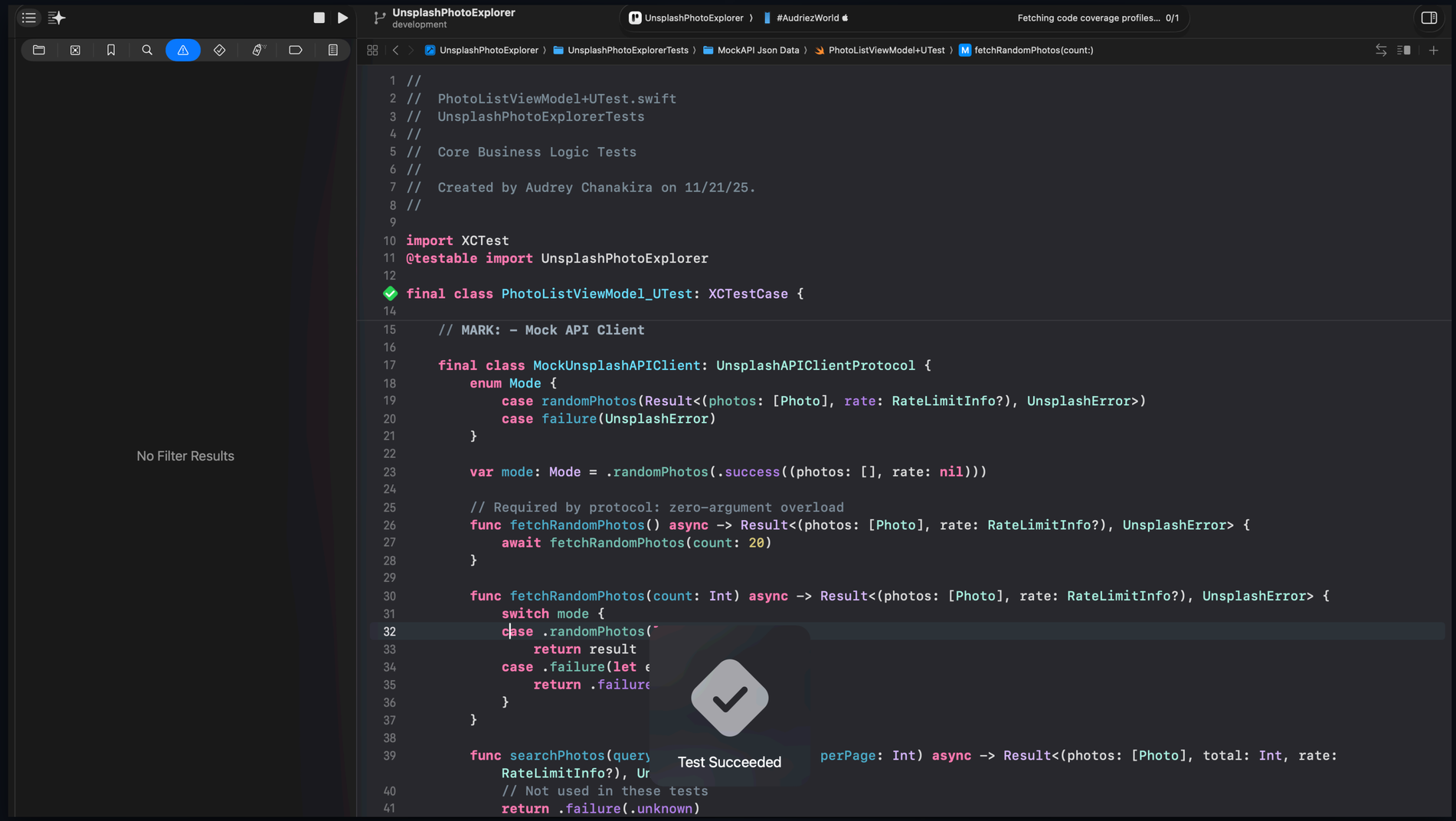
GIT VERSION CONTROL



UNIT TESTS




```swift
//
//  PhotoListViewModel+UTest.swift
//  UnsplashPhotoExplorerTests
//
//  Core Business Logic Tests
//
//  Created by Audrey Chanakira on 11/21/25.
//

import XCTest
@testable import UnsplashPhotoExplorer

final class PhotoListViewModel_UTest: XCTestCase {

    // MARK: - Mock API Client

    final class MockUnsplashAPIClient: UnsplashAPIClientProtocol {
        enum Mode {
            case randomPhotos(Result<(photos: [Photo], rate: RateLimitInfo?), UnsplashError>)
            case failure(UnsplashError)
        }

        var mode: Mode = .randomPhotos(.success((photos: [], rate: nil)))

        // Required by protocol: zero-argument overload
        func fetchRandomPhotos() async -> Result<(photos: [Photo], rate: RateLimitInfo?), UnsplashError> {
            await fetchRandomPhotos(count: 20)
        }

        func fetchRandomPhotos(count: Int) async -> Result<(photos: [Photo], rate: RateLimitInfo?), UnsplashError> {
            switch mode {
            case .randomPhotos(
                return result
            case .failure(let e
                return .failure
            }
        }

        func searchPhotos(query
            RateLimitInfo?), Ur
            // Not used in these tests
            return .failure(.unknown)
```