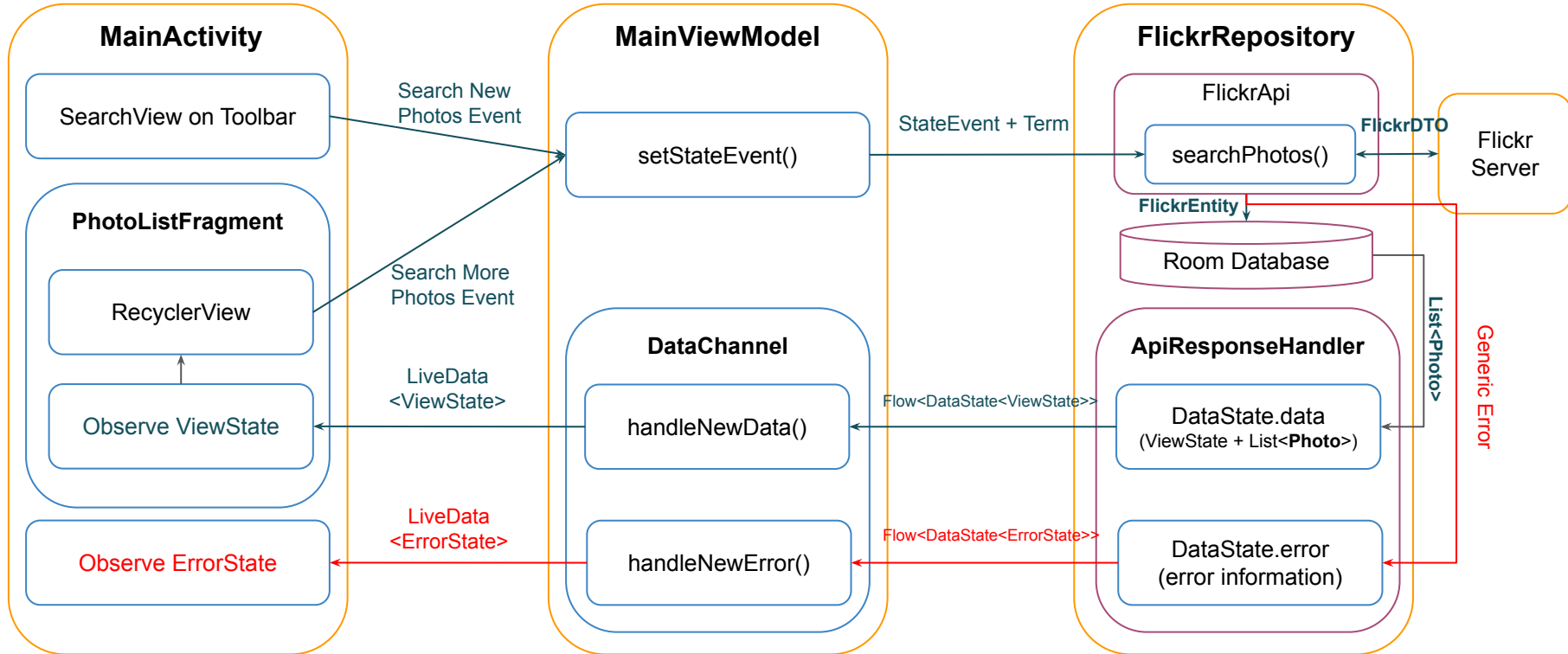# OpenFlickrViewer

Photo Viewer using Flickr REST API

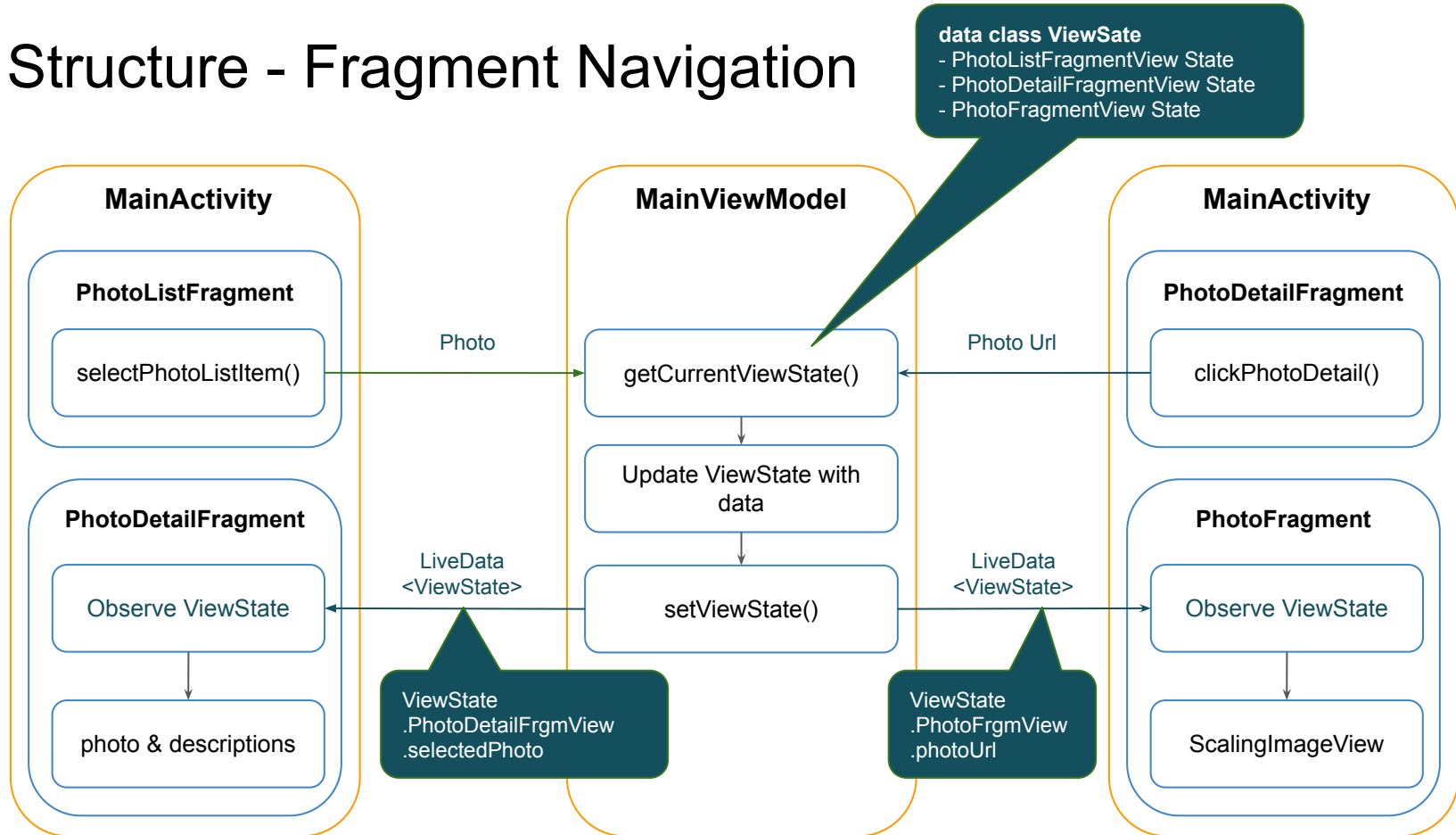September 16, 2021
Jong Ho Baek

Features

- Search for related photos on the Flickr server using specific terms.

- Load 25 photos at a time from the Flickr server.

- Load next 25 photos if you scroll down on the Photo List screen.

- Save the imported photos and descriptions to local data storage.

- View photos on the Photo List, Photo Detail, and Photo screens.

- Save the search terms for the quick search option.

- Support 9 unit test cases and 8 UI test cases including fragment navigation, network timeout, and error dialog.
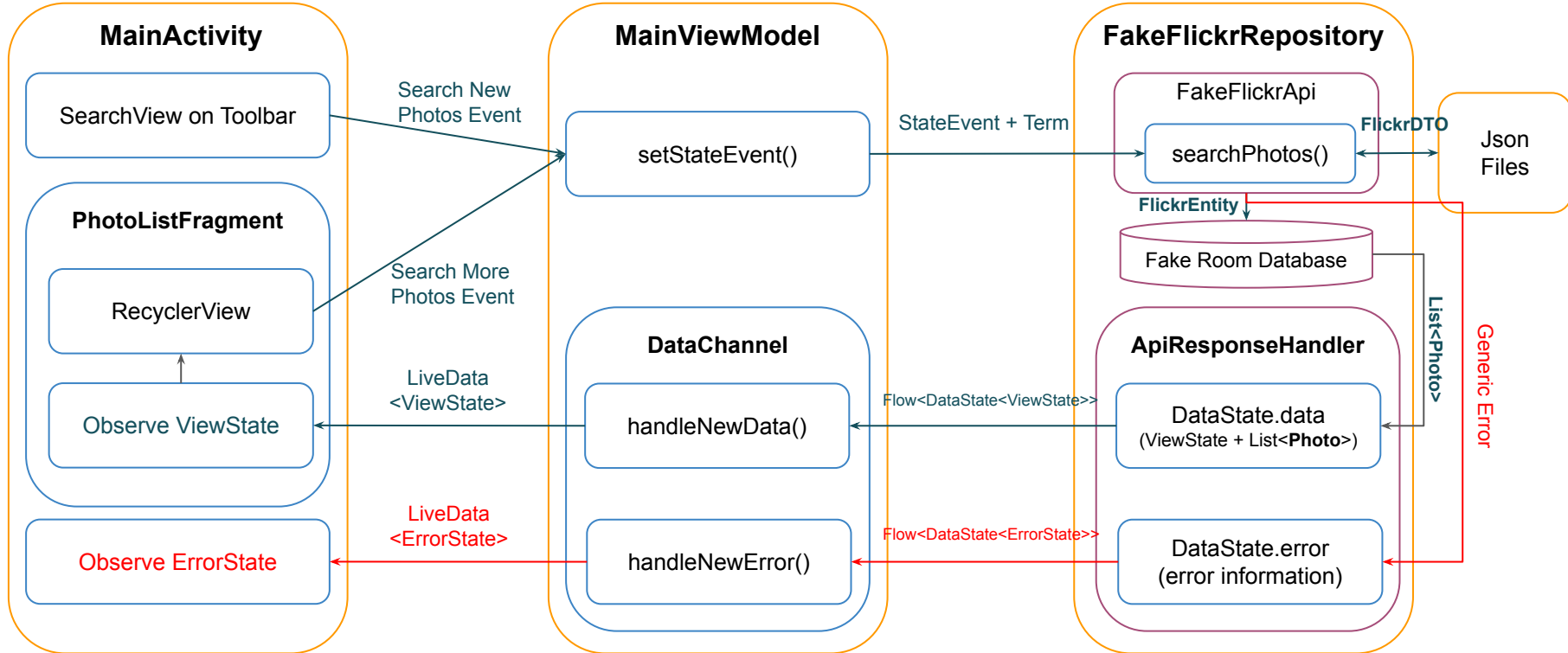
Structure - Call Flickr API

Structure - Fragment Navigation

Structure - UI Test

Structure - Components

- [Android Jetpack - Architecture Component](#)

- [Dagger](#)

- [Kotlin Flows](#), [Coroutines](#), [Retrofit](#), [OkHttp](#), and [Gson](#)

- [AndroidX Test](#), [Espresso](#), [Junit](#), and [MockK](#)

- [Kotlin DSL](#) (Domain Specific Languages)