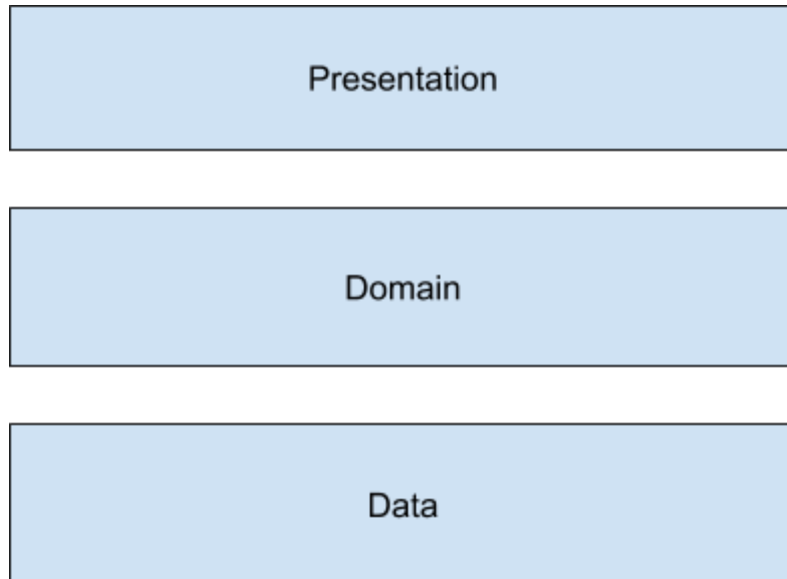# Architecture

a. Presentation Layer
   This layer is built with MVVC pattern with ViewModel, as lifecycle-aware component, acting as a data holder and communicator to domain layer.

b. Domain Layer
   This layer is bridging communication between presentation and data layer. It prepares data coming from Data Layer so that it can be consumed conveniently by Presentation Layer.

c. Data Layer
   This layer is built with Repository pattern. It handles data operation directly to and from source both external (API) and internal (database). This layer also does data mapping from API to database.