

Cache

- Local cache
 - File
 - Database
 - Sharedpreferences
- Memory cache
- Network source
 - After downloaded, cache it into Local and Memory

Process:

- Load data from local cache into memory cache
 - If local data not exists
 - Download from network source, then cache it into local cache and memory cache
 - If local data "expired"
 - Download from network source, then cache it into local cache and memory cache
- Get data from memory
 - If memory data not exists
 - Get data from local, then cache is into memory
 - If memory data and local data not exists
 - Download from network source, then cache it into local cache and memory cache

Decription:

- ViewModel: Lifecycle.Transformations Encryption
- Repository: NetworkBoundResource