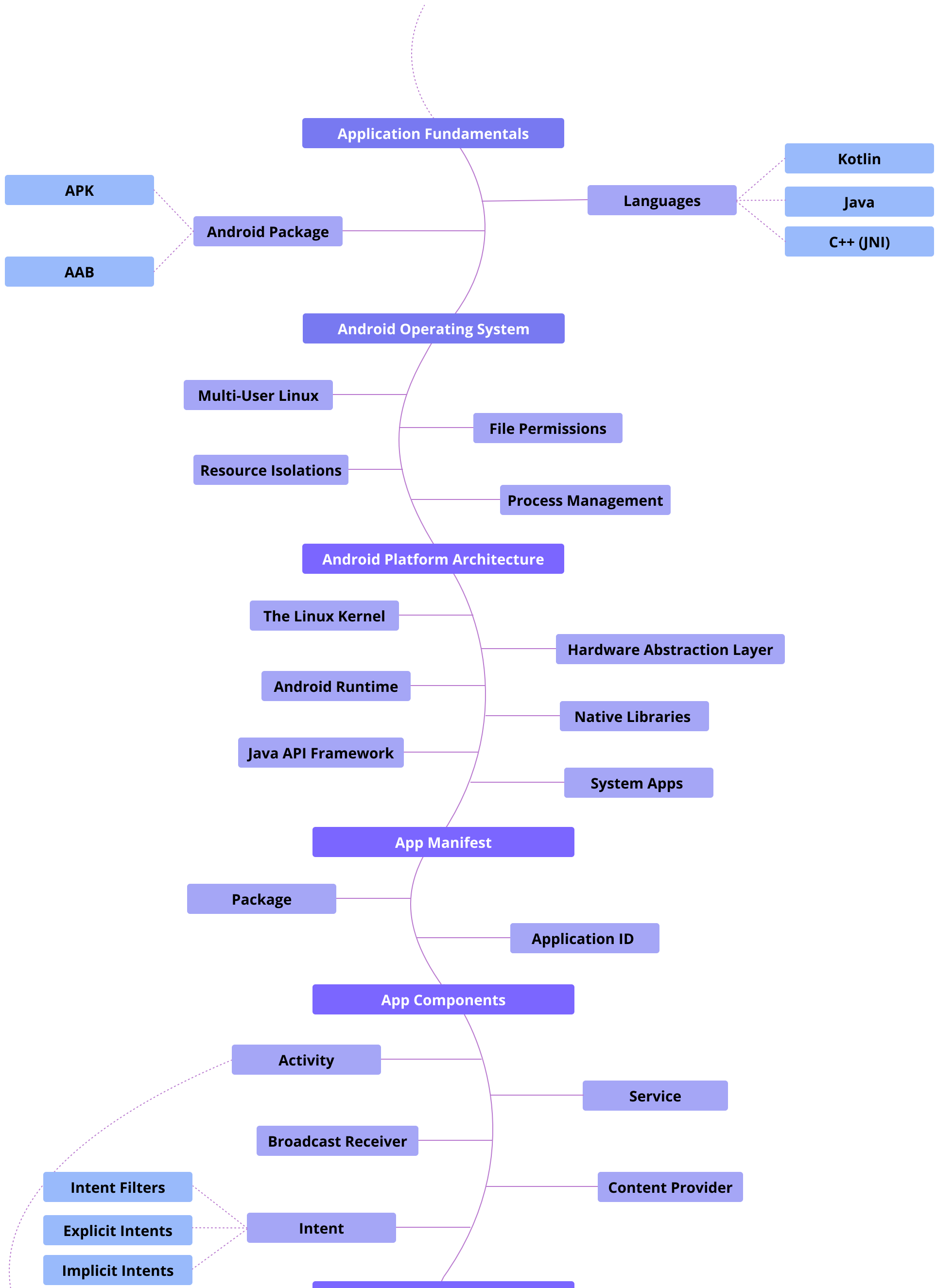
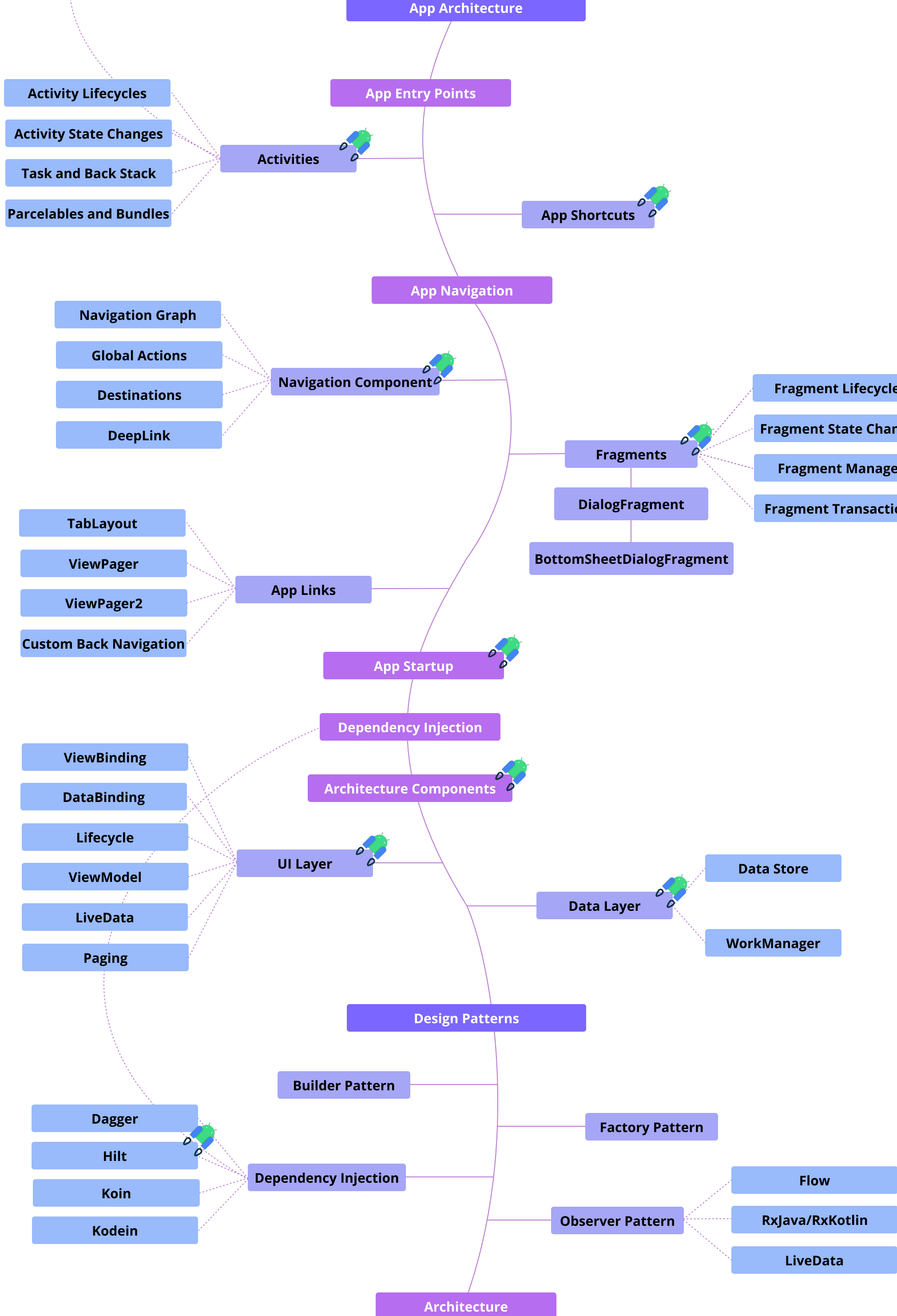
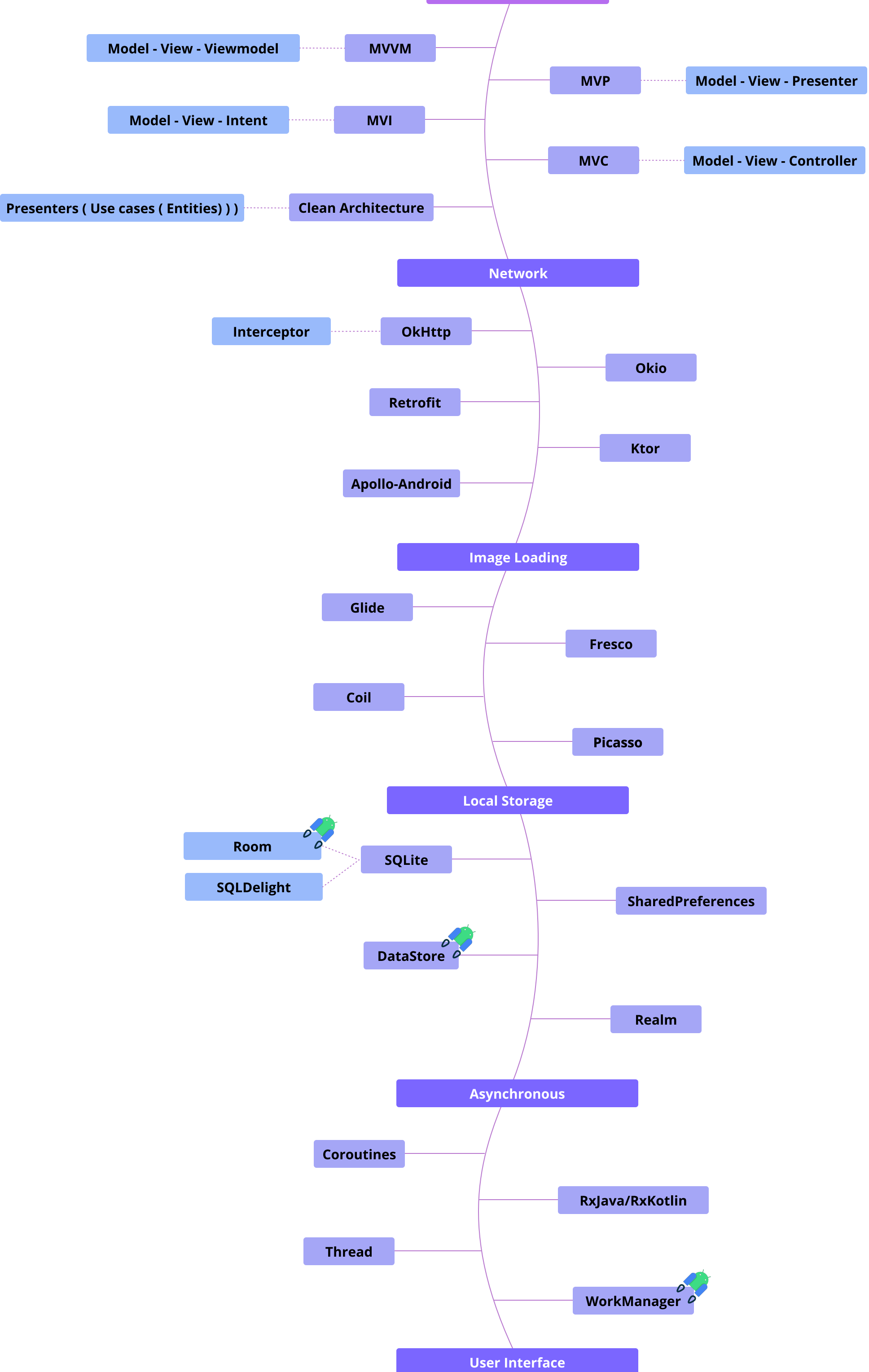
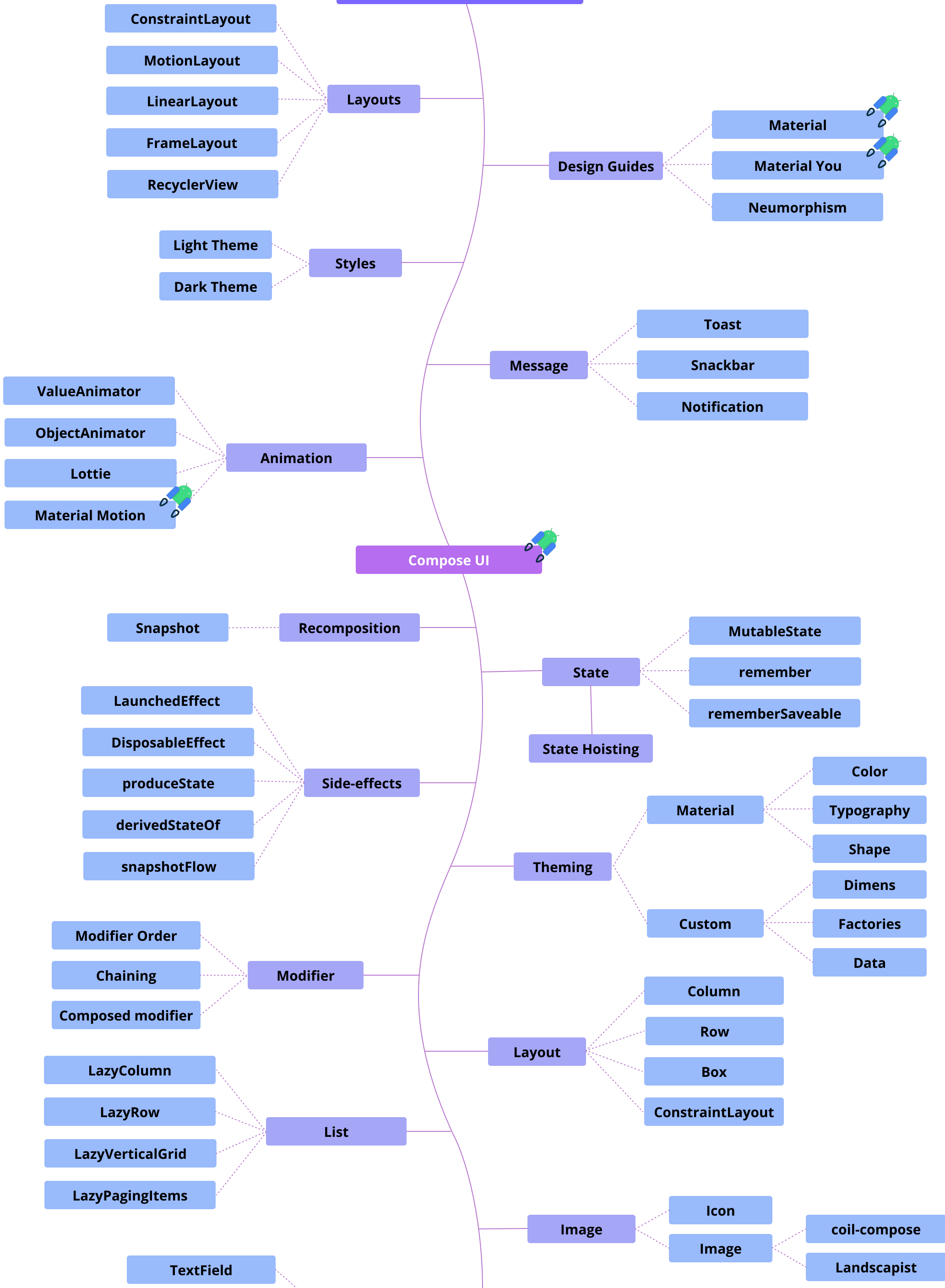
stream

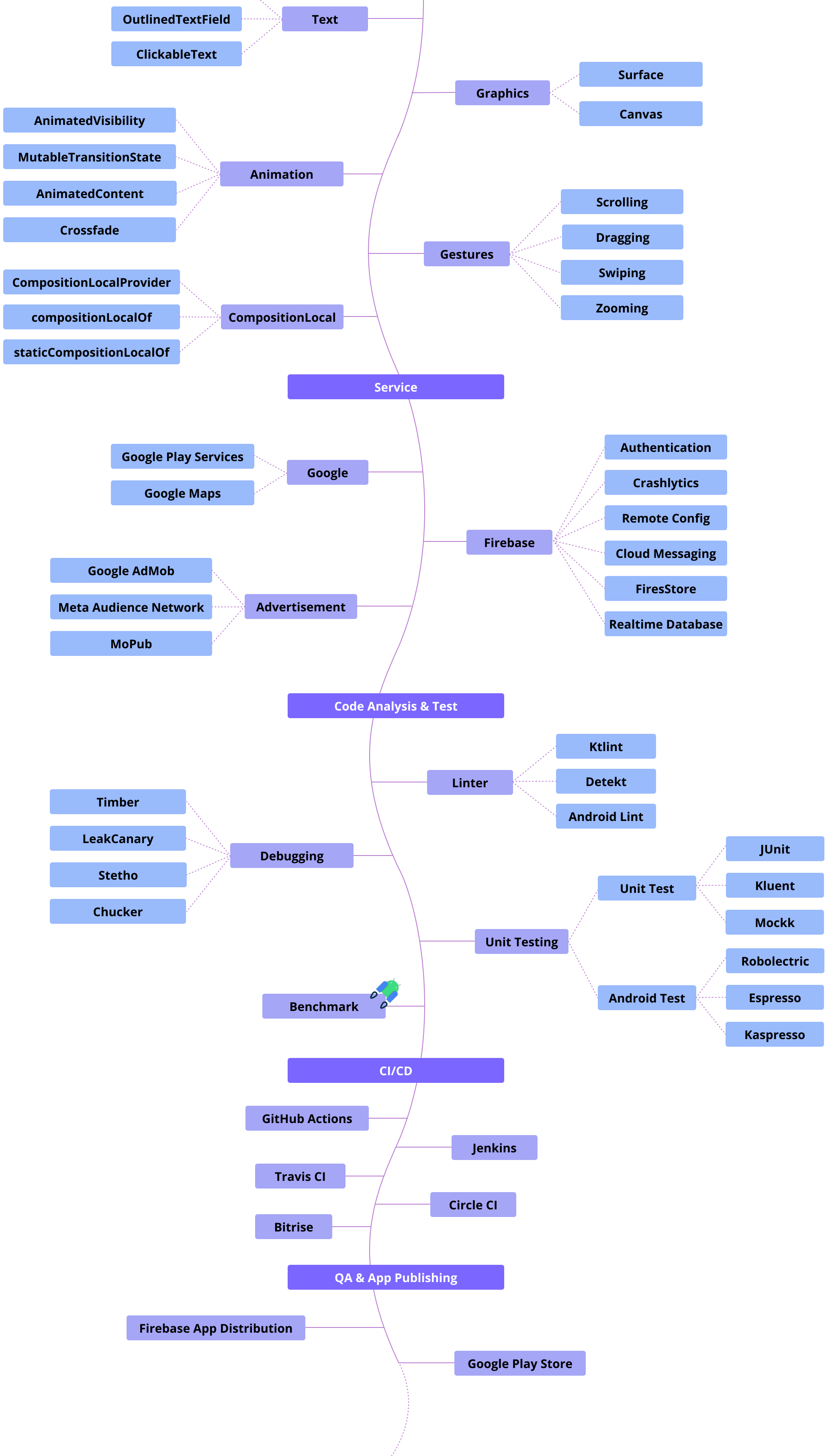
Android Developer Roadmap




App Architecture
App Entry Points
Activities
Activity Lifecycles
Activity State Changes
Task and Back Stack
Parcelables and Bundles
App Shortcuts
App Navigation
Navigation Component
Navigation Graph
Global Actions
Destinations
DeepLink
Fragments
Fragment Lifecycles
Fragment State Changes
Fragment Manager
Fragment Transactions
DialogFragment
BottomSheetDialogFragment
App Links
TabLayout
ViewPager
ViewPager2
Custom Back Navigation
App Startup
Dependency Injection
Architecture Components
UI Layer
ViewBinding
DataBinding
Lifecycle
ViewModel
LiveData
Paging
Data Layer
Data Store
WorkManager
Design Patterns
Builder Pattern
Factory Pattern
Dependency Injection
Dagger
Hilt
Koin
Kodein
Observer Pattern
Flow
RxJava/RxKotlin
LiveData
Architecture


Model - View - Viewmodel
MVVM
MVP
Model - View - Presenter
Model - View - Intent
MVI
MVC
Model - View - Controller
Presenters (Use cases (Entities)))
Clean Architecture
Network
Interceptor
OkHttp
Okio
Retrofit
Ktor
Apollo-Android
Image Loading
Glide
Fresco
Coil
Picasso
Local Storage
Room
SQLite
SQLDelight
SharedPreferences
DataStore
Realm
Asynchronous
Coroutines
RxJava/RxKotlin
Thread
WorkManager
User Interface


ConstraintLayout
MotionLayout
LinearLayout
FrameLayout
RecyclerView
Layouts
Material
Material You
Neumorphism
Design Guides
Light Theme
Dark Theme
Styles
Toast
Snackbar
Notification
Message
ValueAnimator
ObjectAnimator
Lottie
Material Motion
Animation
Compose UI
Snapshot
Recomposition
MutableState
remember
rememberSaveable
State
State Hoisting
LaunchedEffect
DisposableEffect
produceState
derivedStateOf
snapshotFlow
Side-effects
Color
Typography
Shape
Material
Theming
Dimens
Factories
Data
Custom
Modifier Order
Chaining
Composed modifier
Modifier
Column
Row
Box
ConstraintLayout
Layout
LazyColumn
LazyRow
LazyVerticalGrid
LazyPagingItems
List
Icon
Image
coil-compose
Landscapist
Image
TextField


Text
OutlinedTextField
ClickableText
Graphics
Surface
Canvas
Animation
AnimatedVisibility
MutableTransitionState
AnimatedContent
Crossfade
Gestures
Scrolling
Dragging
Swiping
Zooming
CompositionLocal
CompositionLocalProvider
compositionLocalOf
staticCompositionLocalOf
Service
Google
Google Play Services
Google Maps
Firebase
Authentication
Crashlytics
Remote Config
Cloud Messaging
FiresStore
Realtime Database
Advertisement
Google AdMob
Meta Audience Network
MoPub
Code Analysis & Test
Linter
Ktlint
Detekt
Android Lint
Debugging
Timber
LeakCanary
Stetho
Chucker
Unit Testing
Unit Test
JUnit
Kluent
Mockk
Android Test
Robolectric
Espresso
Kaspresso
Benchmark
CI/CD
GitHub Actions
Jenkins
Travis CI
Circle CI
Bitrise
QA & App Publishing
Firebase App Distribution
Google Play Store