# Android Development Class Task

Provide description of following by focusing on their primary purpose:

## Classes:
1. Application
2. Context
3. Intent
4. Bundle
5. SharedPreferences
6. ViewModel
7. LiveData
8. Service
9. BroadcastReceiver
10. AsyncTask
11. Handler
12. ExecutorService
13. FragmentManager
14. RecyclerView.Adapter
15. WorkManager
16. ConnectivityManager
17. AlarmManager
18. LocationManager
19. NotificationManager

## Packages:
1. android.content
2. android.os
3. android.app
4. android.view
5. android.widget
6. androidx.lifecycle
7. androidx.recyclerview.widget
8. androidx.work
9. androidx.navigation

**Libraries:**
1. Retrofit
1. OkHttp
2. Volley
3. Glide
4. Picasso
5. Fresco
6. Room (AndroidX)
7. Realm
8. SQLDelight
9. Lottie (for animations)
10. MotionLayout
11. Material Components
12. RxJava
13. JUnit
14. Espresso
15. Mockito
16. Firebase Crashlytics
17. Sentry
18. Google Analytics
19. Firebase Authentication
20. Facebook SDK
21. Google Sign-In
22. Timber
23. Stetho
24. LeakCanary (for memory leak detection)