

Flutter

1. 환경 설정

1. pubspec.yaml

```
version: 1.0.0+1

environment:
  sdk: '>=2.19.3 <3.0.0'

dependencies:
  flutter:
    sdk: flutter

  # The following adds the Cupertino Icons font to your application.
  # Use with the CupertinoIcons class for iOS style icons.
  cupertino_icons: ^1.0.2
  provider: ^6.0.1
  animated_bottom_navigation_bar: ^1.2.0
  timeline_tile: ^2.0.0
  dio: ^4.0.6
  logger: ^1.3.0

  # push
  firebase_core:
  firebase_messaging: ^14.4.1
  flutter_local_notifications: ^14.0.0+1

  # camera
  camera: ^0.10.3+2
  path_provider: ^2.0.13
  video_player: ^2.2.5
  permission_handler: ^10.2.0
  file: ^6.1.4
  path: ^1.8.2
  geolocator: ^9.0.2
  intl: ^0.18.0

  # caching and lazy loading network image
  extended_image: ^7.0.2

  # smooth page indicator in pageView images
  smooth_page_indicator: ^1.0.1

  multi_image_picker_view: ^0.0.15
  image_picker: ^0.8.7

  # audio
```

```

record: ^4.4.4
audioplayers: ^3.0.1

# Kakao login
kakao_flutter_sdk: ^1.4.1 # 전체 추가
kakao_flutter_sdk_user: ^1.4.1 # 카카오 로그인

# 토큰 저장을 위한 flutter_secured_storage
flutter_secure_storage: ^8.0.0

flutter_dotenv: ^5.0.2

# infinite scroll pagination
infinite_scroll_pagination: ^3.2.0

# http
http_parser: ^4.0.2

# device 정보 가져오기
device_info_plus: ^8.1.0
flutter_keyboard_visibility: ^5.4.0

#lottie
lottie: ^2.3.1

# launch icons
flutter_launcher_icons: ^0.12.0

# animated icon
animated_icon_button: ^1.0.2

# splash screen for under Android 12
flutter_native_splash: ^2.2.19

# flutter gradient color package
flutter_gradient_colors: ^2.1.1

# main carousel/card
carousel_slider: ^4.2.1
image_card: ^0.0.4
card_swiper : ^2.0.1

# chat_bubbles
chat_bubbles:

# switch
flutter_switch: ^0.3.2

#avatar group
flutter_face_pile: ^0.0.3

fonts:
  - family: GangwonAll
    fonts:
      - asset: assets/fonts/GangwonAll/GangwonAllBold.ttf
      - asset: assets/fonts/GangwonAll/GangwonAllLight.ttf

```

2. AndroidManifest.xml(.\android\app\src\main\AndroidManifest.xml)

```
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.moyeo.moyeo">
    <application
        android:label="모여"
        android:name="${applicationName}"
        android:icon="@mipmap/launcher_icon"
        android:requestLegacyExternalStorage="true"
    >
        <activity
            android:name="com.kakao.sdk.flutter.AuthCodeCustomTabsActivity"
            android:exported="true"
            android:showWhenLocked="true"
            android:turnScreenOn="true">
            <intent-filter android:label="flutter_web_auth">
                <action android:name="android.intent.action.VIEW" />
                <category android:name="android.intent.category.DEFAULT" />
                <category android:name="android.intent.category.BROWSABLE" />

                <!-- Redirect URI, "kakao${YOUR_NATIVE_APP_KEY}://oauth" 형식 -->
                <data
                    android:scheme="kakao${KakaoNativeAppKey}"
                    android:host="oauth"/>
            </intent-filter>
        </activity>
        <activity
            android:name=".MainActivity"
            android:exported="true"

            android:launchMode="singleTop"
            android:theme="@style/LaunchTheme"
            android:configChanges="orientation|keyboardHidden|keyboard|screenSize|smallScreen|
            screenSize|locale|layoutDirection|fontScale|screenLayout|density|uiMode"
            android:hardwareAccelerated="true"
            android:windowSoftInputMode="adjustResize">
            <!-- Specifies an Android theme to apply to this Activity as soon as
                the Android process has started. This theme is visible to the user
                while the Flutter UI initializes. After that, this theme continues
                to determine the Window background behind the Flutter UI. -->
            <meta-data
                android:name="io.flutter.embedding.android.NormalTheme"
                android:resource="@style/NormalTheme"
            />
            <intent-filter>
                <action android:name="android.intent.action.MAIN"/>
                <category android:name="android.intent.category.LAUNCHER"/>
                <category android:name="android.intent.category.DEFAULT" />
                <category android:name="android.intent.category.BROWSABLE" />
            </intent-filter>
            <meta-data
                android:name="firebase_messaging_auto_init_enabled"
                android:value="false" />
            <meta-data
```

```

        android:name="firebase_analytics_collection_enabled"
        android:value="false" />
    </activity>

    <!-- Don't delete the meta-data below.
         This is used by the Flutter tool to generate GeneratedPluginRegistrant.java -->
    <meta-data
        android:name="flutterEmbedding"
        android:value="2" />
    <receiver android:name="com.dexterous.flutterlocalnotifications.ScheduledNotificationBootReceiver">
        <intent-filter>
            <action android:name="android.intent.action.BOOT_COMPLETED"/>
            <action android:name="android.intent.action.MY_PACKAGE_REPLACED"/>
            <action android:name="android.intent.action.QUICKBOOT_POWERON" />
            <action android:name="com.htc.intent.action.QUICKBOOT_POWERON"/>
        </intent-filter>
    </receiver>
    <receiver android:name="com.dexterous.flutterlocalnotifications.ScheduledNotificationReceiver" />
</application>

<uses-permission android:name="android.permission.INTERNET" />
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />
<uses-permission android:name="android.permission.CAMERA"/>
<uses-permission android:name="android.permission.READ_MEDIA_IMAGES" />
<uses-permission android:name="android.permission.READ_MEDIA_VIDEO" />
<uses-permission android:name="android.permission.READ_MEDIA_AUDIO" />
<uses-permission android:name="android.permission.MANAGE_EXTERNAL_STORAGE" />
<uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE"/>
<uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE"/>
<uses-permission android:name="android.permission.ACCESS_FINE_LOCATION" />
<uses-permission android:name="android.permission.RECORD_AUDIO"/>

<uses-permission android:name="android.permission.POST_NOTIFICATIONS"/>

<uses-permission android:name="android.permission.RECEIVE_BOOT_COMPLETED"/>
<uses-permission android:name="android.permission.VIBRATE" />
<uses-permission android:name="android.permission.WAKE_LOCK" />
<uses-permission android:name="android.permission.USE_FULL_SCREEN_INTENT" />

</manifest>

```

3. build.gradle(.\android\build.gradle)

```

buildscript {
    ext.kotlin_version = '1.7.10'
    repositories {
        google()
        mavenCentral()
    }

    dependencies {

```

```

        classpath 'com.android.tools.build:gradle:7.2.0'
        classpath "org.jetbrains.kotlin:kotlin-gradle-plugin:$kotlin_version"
        classpath 'com.google.gms:google-services:4.3.15'
        classpath 'com.google.firebase:firebase-crashlytics-gradle:2.9.5'
    }
}

allprojects {
    repositories {
        google()
        mavenCentral()
    }
}

rootProject.buildDir = '../build'
subprojects {
    project.buildDir = "${rootProject.buildDir}/${project.name}"
}
subprojects {
    project.evaluationDependsOn(':app')
}

task clean(type: Delete) {
    delete rootProject.buildDir
}

```

4. build.gradle(..\android\app\build.gradle)

```

def localProperties = new Properties()
def localPropertiesFile = rootProject.file('local.properties')
if (localPropertiesFile.exists()) {
    localPropertiesFile.withReader('UTF-8') { reader ->
        localProperties.load(reader)
    }
}

def flutterRoot = localProperties.getProperty('flutter.sdk')
if (flutterRoot == null) {
    throw new GradleException("Flutter SDK not found. Define location with flutter.sdk
in the local.properties file.")
}

def flutterVersionCode = localProperties.getProperty('flutter.versionCode')
if (flutterVersionCode == null) {
    flutterVersionCode = '3'
}

def flutterVersionName = localProperties.getProperty('flutter.versionName')
if (flutterVersionName == null) {
    flutterVersionName = '1.0.2'
}

apply plugin: 'com.android.application'
apply plugin: 'kotlin-android'
apply from: "$flutterRoot/packages/flutter_tools/gradle/flutter.gradle"

```

```

apply plugin: 'com.google.gms.google-services'

Properties properties = new Properties()
properties.load(project.rootProject.file('local.properties').newDataInputStream())
def KakaoNativeAppKey = properties.getProperty('KAKAO_NATIVE_APP_KEY')

def keystoreProperties = new Properties()
def keystorePropertiesFile = rootProject.file('key.properties')
if (keystorePropertiesFile.exists()) {
    keystoreProperties.load(new FileInputStream(keystorePropertiesFile))
}

android {
    compileSdkVersion flutter.compileSdkVersion
    ndkVersion flutter.ndkVersion

    compileOptions {
        sourceCompatibility JavaVersion.VERSION_1_8
        targetCompatibility JavaVersion.VERSION_1_8
        coreLibraryDesugaringEnabled true
    }

    kotlinOptions {
        jvmTarget = '1.8'
    }

    sourceSets {
        main.java.srcDirs += 'src/main/kotlin'
    }

    defaultConfig {
        // TODO: Specify your own unique Application ID (https://developer.android.co
m/studio/build/application-id.html).
        applicationId "com.moyeo.moyeo"
        // You can update the following values to match your application needs.
        // For more information, see: https://docs.flutter.dev/deployment/android#revi
ewing-the-gradle-build-configuration.
        minSdkVersion 21
        targetSdkVersion 33
        compileSdkVersion 33
        versionCode 3
        versionName "3"
        multiDexEnabled true
        manifestPlaceholders += [KakaoNativeAppKey: KakaoNativeAppKey]
    }

    signingConfigs {
        release {
            keyAlias keystoreProperties['keyAlias']
            keyPassword keystoreProperties['keyPassword']
            storeFile file(keystoreProperties['storeFile'])
            storePassword keystoreProperties['storePassword']
        }
    }
    buildTypes {
        release {
            signingConfig signingConfigs.release
            minifyEnabled true

```

```

        shrinkResources true
    }
}

flutter {
    source '../..'
}

dependencies {
    implementation "org.jetbrains.kotlin:kotlin-stdlib-jdk7:$kotlin_version"
    implementation 'com.android.support:multidex:2.0.1'
    implementation platform('com.google.firebase:firebase-bom:31.5.0')
    implementation 'com.google.firebase:firebase-analytics'
    implementation 'androidx.window:window:1.0.0'
    implementation 'androidx.window:window-java:1.0.0'
    coreLibraryDesugaring 'com.android.tools:desugar_jdk_libs:1.1.5'
}

```

2. 실행

```

#pubspec.yaml 에서 추가한 라이브러리 적용
flutter pub get

# flutter 실행
flutter run

```