

## Gradle Files in Android Studio Narwhal

**build.gradle.kts(app-level):**

```
plugins {
    id("com.android.application")
    id("org.jetbrains.kotlin.android")
    id("androidx.navigation.safeargs.kotlin")
    id("kotlin-parcelize")
    id("kotlin-kapt")
    id("com.google.dagger.hilt.android")
}

android {
    namespace = "com.example.carecure"
    compileSdk = 34

    defaultConfig {
        javaCompileOptions {
            annotationProcessorOptions {
                arguments += mapOf(
                    "room.schemaLocation" to "$projectDir/schemas",
                    "room.incremental" to "true"
                )
            }
        }
        applicationId = "com.example.carecure"
        minSdk = 23
        targetSdk = 34
        versionCode = 1
        versionName = "1.0"

        testInstrumentationRunner =
"androidx.test.runner.AndroidJUnitRunner"
        testInstrumentationRunnerArguments["runnerBuilder"] =
"de.mannodermaus.junit5.AndroidJUnitRunnerBuilder"

        vectorDrawables {
            useSupportLibrary = true
        }

        ndk {
            abiFilters += listOf("arm64-v8a", "armeabi-v7a", "x86",
"x86_64")
        }
    }

    buildTypes {
        release {
            isMinifyEnabled = false
            proguardFiles(
                getDefaultProguardFile("proguard-android-optimize.txt"),
                "proguard-rules.pro"
            )
        }
        debug {
            isDebuggable = true
            applicationIdSuffix = ".debug"
        }
    }
}
```

```

compileOptions {
    sourceCompatibility = JavaVersion.VERSION_17
    targetCompatibility = JavaVersion.VERSION_17
}

kotlinOptions {
    jvmTarget = "17"
}

packaging {
    jniLibs {
        useLegacyPackaging = true
    }
    resources {
        excludes += "/META-INF/{AL2.0,LGPL2.1}"
    }
}

buildFeatures {
    viewBinding = true
    dataBinding = true
    buildConfig = true
    compose = false
    mlModelBinding = true
}
}

dependencies {
    implementation("androidx.core:core-ktx:1.12.0")
    implementation("com.github.PhilJay:MPAndroidChart:v3.1.0")
    implementation("androidx.datastore:datastore-preferences:1.0.0")
    implementation("androidx.datastore:datastore-core:1.0.0")
    implementation(libs.androidx.activity)
    val work_version = "2.8.1"
    implementation("androidx.work:work-runtime:${work_version}")
    implementation("androidx.work:work-runtime-ktx:${work_version}")
    implementation("androidx.work:work-multiprocess:${work_version}")
    implementation("com.github.bumptech.glide:glide:4.14.2")
    annotationProcessor("com.github.bumptech.glide:compiler:4.14.2")
    implementation("androidx.cardview:cardview:1.0.0")
    implementation("androidx.recyclerview:recyclerview:1.3.1")
    implementation("androidx.lifecycle:lifecycle-livedata-ktx:2.6.2")
    implementation("androidx.lifecycle:lifecycle-viewmodel-ktx:2.6.2")
    implementation("androidx.lifecycle:lifecycle-runtime-ktx:2.6.2")
    implementation("com.github.bumptech.glide:glide:4.15.1")
    implementation("androidx.cardview:cardview:1.0.0")
    implementation("androidx.recyclerview:recyclerview:1.3.1")
    kapt("com.github.bumptech.glide:compiler:4.15.1")
    implementation("androidx.appcompat:appcompat:1.6.1")
    implementation("com.google.android.material:material:1.11.0")
    implementation("androidx.constraintlayout:constraintlayout:2.1.4")
    implementation("androidx.activity:activity-ktx:1.8.2")
    implementation("org.jetbrains.kotlin:kotlin-stdlib:1.9.0")
    implementation("org.jetbrains.kotlinx:kotlinx-datetime:0.4.0")
    implementation("org.jetbrains.kotlinx:kotlinx-coroutines-
android:1.7.3")
    implementation("com.google.dagger:hilt-android:2.51.1")
    implementation(libs.tensorflow.lite.metadata)
    implementation(libs.tensorflow.lite.gpu)
    implementation("com.squareup.retrofit2:retrofit:2.9.0")

```

```

implementation("com.squareup.retrofit2:converter-gson:2.9.0")
implementation("com.squareup.okhttp3:logging-interceptor:4.11.0")
implementation("org.tensorflow:tensorflow-lite:2.13.0")
implementation("org.tensorflow:tensorflow-lite-metadata:0.4.3")
implementation("org.tensorflow:tensorflow-lite-gpu:2.13.0")
kapt("com.google.dagger:hilt-android-compiler:2.51.1")
implementation("androidx.hilt:hilt-navigation-fragment:1.1.0")
implementation("androidx.hilt:hilt-work:1.1.0")
kapt("androidx.hilt:hilt-compiler:1.1.0")
implementation("androidx.lifecycle:lifecycle-viewmodel-ktx:2.7.0")
implementation("androidx.lifecycle:lifecycle-livedata-ktx:2.7.0")
implementation("androidx.lifecycle:lifecycle-runtime-ktx:2.7.0")
implementation("androidx.navigation:navigation-fragment-ktx:2.7.7")
implementation("androidx.navigation:navigation-ui-ktx:2.7.7")
implementation("androidx.room:room-runtime:2.6.1")
implementation("androidx.room:room-ktx:2.6.1")
kapt("androidx.room:room-compiler:2.6.1")
implementation("com.squareup.retrofit2:retrofit:2.9.0")
implementation("com.squareup.retrofit2:converter-gson:2.9.0")
implementation("com.squareup.okhttp3:logging-interceptor:4.11.0")
implementation("com.google.dagger:hilt-android:2.48.1")
kapt("com.google.dagger:hilt-android-compiler:2.48.1")
implementation("org.tensorflow:tensorflow-lite:2.14.0")
implementation("org.tensorflow:tensorflow-lite-support:0.4.4")
implementation("androidx.camera:camera-camera2:1.3.0")
implementation("androidx.camera:camera-lifecycle:1.3.0")
implementation("androidx.camera:camera-view:1.3.0")
implementation("de.hdodenhof:circleimageview:3.1.0")

implementation("androidx.swiperefreshlayout:swiperefreshlayout:1.1.0")
implementation("com.github.bumptech.glide:glide:4.16.0")

implementation("com.github.kirich1409:viewbindingpropertydelegate:1.5.9")
implementation("at.favre.lib:bcrypt:0.10.2")
testImplementation("junit:junit:4.13.2")
androidTestImplementation("androidx.test.ext:junit:1.1.5")
androidTestImplementation("androidx.test.espresso:espresso-
core:3.5.1")
androidTestImplementation("com.google.dagger:hilt-android-
testing:2.51.1")
kaptAndroidTest("com.google.dagger:hilt-android-compiler:2.51.1")
}
kapt {
    correctErrorTypes = true
}

```

### build.gradle.kts(Project-level):

```

// Top-level build file where you can add configuration options common to
all sub-projects/modules.
plugins {
    id("com.android.application") version "8.2.2" apply false
    id("org.jetbrains.kotlin.android") version "1.9.0" apply false
    id("com.google.dagger.hilt.android") version "2.51.1" apply false
    id("androidx.navigation.safeargs.kotlin") version "2.7.7" apply false
}

buildscript {
    repositories {
        google()
        mavenCentral()
    }
}

```

```
dependencies {  
    classpath("com.android.tools.build:gradle:8.2.2")  
    classpath("org.jetbrains.kotlin:kotlin-gradle-plugin:1.9.0")  
    classpath("com.google.dagger:hilt-android-gradle-plugin:2.48.1")  
}  
  
allprojects {  
    repositories {  
        google()  
        mavenCentral()  
    }  
}
```