[**versions**]

agp = “8.8.2”

kotlin = “2.1.20”

activity-compose = “1.10.1”

compose-bom = “2025.03.00”

coil-compose = “2.7.0”

compose-compiler = “1.5.15”

kotlinx-serilaization-json = “1.8.0”

kotlinx-coroutines-test = “1.10.1”

core-ktx = “1.15.0”

viewmodel-compose = “2.8.7”

junit = “4.13.2”

junit-version = “1.2.1”

espresso-core = “3.6.1”

retrofit = “2.11.0”

retrofit2-kotlinx-serialization-converter = “1.0.0”

[**libraries**]

**activity-compose** = {group = “androidx.activity”, name = “activity-compose”, version.ref= “activity-compose”}

**compose-bom** = {group = “androidx.compose”, name = “compose-bom”, version.ref = “compose-bom”}

**coil-compose** = {module = “io.coil-kt:coil-compose”, version.ref= “coil-compose”}

**compose-compiler** = {module = “androidx.compose.compiler:compiler”, version.ref= “compose-compiler”}

**kotlinx-serialization-json** = {module = “org.jetbrains.kotlinx:kotlinx-serialization-json”, version.ref= “kotlinx-serialization-json”}

**kotlinx-coroutines-test** = {module = “org.jetbrains.kotlinx:kotlinx-coroutines-test”, version.ref = “kotlinx-coroutines-test”}

**core-ktx** = {group= “androidx.core”, name= “core-ktx”, version.ref= “core-ktx”}

**viewmodel-compose**= {module="androidx.lifecycle:lifecycle-viewmodel-compose", version.ref= “viewmodel-compose”}

**junit** = {group= “junit”, name= “junit”, version.ref= “junit”}

**junit-version** = {group= “androidx.test.ext”, name= “junit”, version.ref= “junit-version”}

**espresso-core** = {group= “androidx.test.espresso”, name= “espresso-core”, version.ref= “espresso-core”}

**retrofit** = {module= “com.squareup.retrofit2:retrofit”, version.ref= “retrofit”}

**retrofit2-kotlinx-serialization-converter** = {module= “com.jakewharton.retrofit:retrofit2-kotlinx-serialization-converter”, version.ref= “retrofit2-kotlinx-serialization-converter”}

[additional-libraries]

androidx-lifecycle-runtime-ktx = {group= “androidx.lifecycle”, name= “lifecycle-runtime-ktx”, version.ref= “lifecycle-runtime-ktx”}

androidx-ui = {group= “androidx.compose.ui”, name= “ui”}

androidx-ui-graphics = {group= “androidx.compose.ui”, name= “ui-graphics”}

androidx-ui-tooling = {group= “androidx.compose.ui”, name= “ui-tooling”}

androidx-ui-tooling-preview = {group= “androidx.compose.ui”, name= “ui-tooling-preview”}

androidx-ui-test-manifest = {group= “androidx.compose.ui”, name= “ui-test-manifest”}

androidx-ui-test-junit4 = {group= “androidx.compose.ui”, name= “ui-test-junit4”}

androidx-material3 = {group= “androidx.compose.material3”, name= “material3”}

both remaining

[versions]

orgJetbrainsKotlinPluginComposeGradlePlugin = “2.1.20”

[libraries]

org-jetbrains-kotlin-plugin-compose-gradle-plugin = {module= “org.jetbrains.kotlin.plugin.compose:org.jetbrains.kotlin.plugin.compose.gradle.plugin”, version.ref= “orgJetbrainsKotlinPluginComposeGradlePlugin”}

[plugins]

android-application = {id= “com.android.application”, version.ref= “agp”}

kotlin-android= {id= “org.jetbrains.kotlin.android”, version.ref= “kotlin”}

kotlin-compose= {id= “org.jetbrains.kotlin.plugin.compose”, version.ref= “kotlin”}

build.gradle.kts – project

plugins {

alias(libs.plugins.android.application) apply false

alias(libs.plugins.kotlin.android) apply false

alias(libs.plugins.kotlin.compose) apply false

}

build.gradle.kts

plugins {

id(“com.android.application”)

id(“org.jetbrains.kotlin.android”)

id(“org.jetbrains.kotlin.plugin.compose”)

}

android {

namespace= “com.example.kabadiwalebhaiiya”

compileSdk= 35

defaultConfig {

applicationId= “com.example.kabadiwalebhaiiya”

minSdk= 21

targetSdk= 34

versionCode= 1

versionName= “1.0”

testInstrumentationRunner = “androidx.test.runner.AndroidJunitRunner”

vectorDrawables {

useSupportLibrary= true

}

}

buildTypes {

release {

isMinifyEnabled= false

proguardFiles (

getDefaultProguardFile(“proguard-android-optimize.txt”),

“proguard-rules.pro”

)

}

}

compileOptions {

sourceCompatibility = JavaVersion.VERSION\_17

targetCompatibility = JavaVersion.VERSION\_17

}

kotlinOptions {

jvmTarget = “17”

}

buildFeatures {

compose = true

}

composeOptions {

kotlinCompilerExtensionVersion= “2.0.0”

}

packaging {

resources {

excludes += “/META-INF/{AL2.0, LGPL2.1}”

}

}

}

dependencies {

implementation(**libs.androidx.activity.compose**)

implementation(platform(**libs.androidx.compose.bom**))

implementation(**libs.coil.compose**)

implementation(**libs.compose.compiler**)

implementation(**libs.kotlinx.serialization.json**)

implementation(**libs.core.ktx**)

implementation(**libs.viewmodel.compose**)

// junit-testing

androidTestImplementation(**libs.android.junit**)

testImplementation(**libs.junit**)

// espresso testing

androidTestImplementation(**libs.androidx.espresso.core**)

testImplementation(**libs.kotlinx.coroutines.test**)

implementation(**libs.retrofit**)

implementation(**libs.retrofit2.kotlinx.serialization.converter**)

(additional-implementation)

Implementation(libs.org.jetbrains.kotlin.plugin.compose.gradle.plugin)

implementation(libs.androidx.material3)

implementation(libs.androidx.ui)

implementation(libs.androidx.ui.graphics)

implementation(libs.androidx.ui.tooling.preview)

implementation(libs.androidx.lifecycle.runtime.ktx)

androidTestImplementation(libs.androidx.ui.test.junit4)

androidTestImplementation(platform(libs.androidx.compose.bom))

debugImplementation(libs.androidx.ui.test.manifest)

debugImplementation(libs.androidx.ui.tooling)

}

Not targeting the latest versions of Android; compatibility modes apply. Consider testing and updating this version. Consult the `android.os.Build.VERSION\_CODES` javadoc for details.