

The screenshot shows the Android Studio project structure. The 'app' module is expanded, revealing its contents. Inside 'app', there are 'manifests', 'kotlin+java', 'res', and 'Gradle Scripts'. The 'kotlin+java' folder contains a package named 'com.kiki.myapplication' which includes several Java files: AppExecutor, DatabaseWarga, DetailActivity, MainActivity, Warga, WargaAdapter, and WargaDao. Below this package are two test-related entries: 'com.kiki.myapplication (androidTest)' and 'com.kiki.myapplication (test)'. The 'res' folder contains 'drawable' (with ic_launcher_background.xml and ic_launcher_foreground.xml), 'layout' (with activity_detail.xml, activity_main.xml, and item_warga.xml), 'mipmap', 'values', and 'xml'. The 'res' folder is also marked as '(generated)'. The 'Gradle Scripts' folder contains build scripts: build.gradle.kts (Project: My_Application), build.gradle.kts (Module :app), proguard-rules.pro (ProGuard Rules for ':app'), gradle.properties (Project Properties), gradle-wrapper.properties (Gradle Version), libs.versions.toml (Version Catalog "libs"), local.properties (SDK Location), and settings.gradle.kts (Project Settings). The 'Gradle Scripts' folder is also marked as '(generated)'.

```
13 class MainActivity : AppCompatActivity() {
14     override fun onCreate(savedInstanceState: Bundle?) {
15
16         val statusPernikahan = arrayOf("Belum Menikah", "Menikah", "Cerai")
17         val spinnerAdapter = ArrayAdapter(context = this, resource = android.R.layout.simple_spinner_item)
18         spinnerAdapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item)
19         binding.spinnerStatusPernikahan.adapter = spinnerAdapter
20
21
22         binding.apply {
23             // Tombol Simpan Data
24             btnSimpan.setOnClickListener {
25                 val namaLengkap = etNamaLengkap.text.toString().trim()
26                 val nik = etNik.text.toString().trim()
27                 val kabupaten = etKabupaten.text.toString().trim()
28                 val kecamatan = etKecamatan.text.toString().trim()
29                 val desa = etDesa.text.toString().trim()
30                 val rt = etRt.text.toString().trim()
31                 val rw = etRw.text.toString().trim()
32                 val jenisKelamin = when (rgJenisKelamin.checkedRadioButtonId) {
33                     R.id.rbLakiLaki -> "Laki-Laki"
34                     R.id.rbPerempuan -> "Perempuan"
35                     else -> ""
36                 }
37                 val statusPernikahan = spinnerStatusPernikahan.selectedItem.toString()
38
39                 // Validasi Input
40                 if (namaLengkap.isEmpty()) {
41                     Toast.makeText(context = this@MainActivity, text = "Nama Lengkap harus diisi!", duration = 3000)
42                     return@setOnClickListener
43                 }
44                 if (nik.isEmpty() || nik.length != 16 || !nik.all { it.isDigit() }) {
45                     Toast.makeText(context = this@MainActivity, text = "NIK harus 16 digit angka!", duration = 3000)
46                     return@setOnClickListener
47                 }
48                 if (kabupaten.isEmpty() || kecamatan.isEmpty() || desa.isEmpty() || rt.isEmpty() || rw.isEmpty()) {
49                     Toast.makeText(context = this@MainActivity, text = "Semua field harus diisi!", duration = 3000)
50                     return@setOnClickListener
51                 }
52                 if (jenisKelamin.isEmpty()) {
53                     Toast.makeText(context = this@MainActivity, text = "Pilih jenis kelamin!", duration = 3000)
54                     return@setOnClickListener
55                 }
56             }
57         }
58     }
59 }
```

um Phone API 36.0 +



Data Kewarganegaraan Indonesia

Nama Lengkap

NIK

Kabupaten

Kecamatan

Desa

RT

RW

Jenis Kelamin:

Laki-Laki Perempuan

Status Pernikahan:

Belum Menikah

Simpan Data

Reset Data

Aftar Warga Negara:

MA My Application main

Medium Phone app C

Android

activity_main.xml MainActivity.kt activity_detail.xml DetailActivity.kt WargaAdapter.kt Medium Phone API 36.0

13 class MainActivity : AppCompatActivity() {
14 override fun onCreate(savedInstanceState: Bundle?) {
15 val statusPernikahan = arrayOf("Belum Menikah", "Menikah", "Cerai")
16 val spinnerAdapter = ArrayAdapter(context = this, resource = android.R.layout.simple_spinner_item)
17 spinnerAdapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item)
18 binding.spinnerStatusPernikahan.adapter = spinnerAdapter
19
20 binding.apply {
21 // Tombol Simpan Data
22 btnSimpan.setOnClickListener {
23 val namaLengkap = etNamaLengkap.text.toString().trim()
24 val nik = etNik.text.toString().trim()
25 val kabupaten = etKabupaten.text.toString().trim()
26 val kecamatan = etKecamatan.text.toString().trim()
27 val desa = etDesa.text.toString().trim()
28 val rt = etRt.text.toString().trim()
29 val rw = etRw.text.toString().trim()
30 val jenisKelamin = when (rgJenisKelamin.checkedRadioButtonId) {
31 R.id.rbLakiLaki -> "Laki-Laki"
32 R.id.rbPerempuan -> "Perempuan"
33 else -> ""
34 }
35 val statusPernikahan = spinnerStatusPernikahan.selectedItem.toString()
36
37 // Validasi Input
38 if (namaLengkap.isEmpty()) {
39 etNamaLengkap.error = "Nama Lengkap tidak boleh kosong"
40 } else {
41 // Simpan Data ke Database
42 val warga = Warga(namaLengkap, nik, kabupaten, kecamatan, desa, rt, rw, jenisKelamin, statusPernikahan)
43 database.insert(WargaAdapter::class.java, warga)
44 etNamaLengkap.text.clear()
45 etNik.text.clear()
46 etKabupaten.text.clear()
47 etKecamatan.text.clear()
48 etDesa.text.clear()
49 etRt.text.clear()
50 etRw.text.clear()
51 rgJenisKelamin.check(R.id.rbLakiLaki)
52 }
53 }
54 }
55 }

Data Kewarganegaraan Indonesia

Nama Lengkap:

NIK:

Kabupaten:

Kecamatan:

Desa:

RT: RW:

Jenis Kelamin:

Laki-Laki Perempuan

Status Pernikahan:

Belum Menikah

Simpan Data

Reset Data

Daftar Warga Negara:

qwe (Perempuan) - Cerai
NIK:1234567890123456

App Inspection

Medium Phone > com.kiki.myapplication

Database Inspector Network Inspector Background Task Inspector

Databases

Warga

id: INTEGER NOT NULL
nama_lengkap: TEXT
nik: TEXT
kabupaten: TEXT
kecamatan: TEXT
desa: TEXT