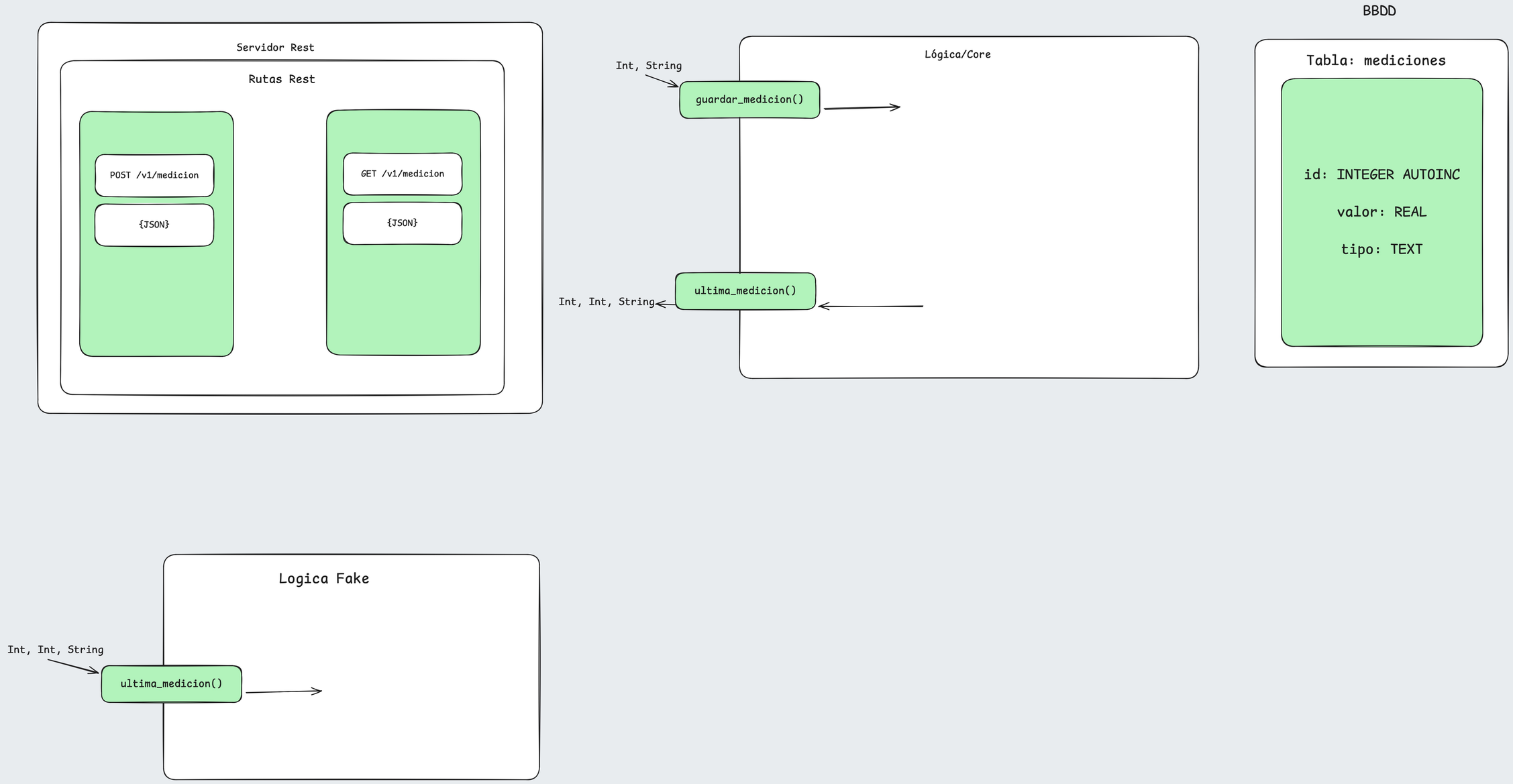
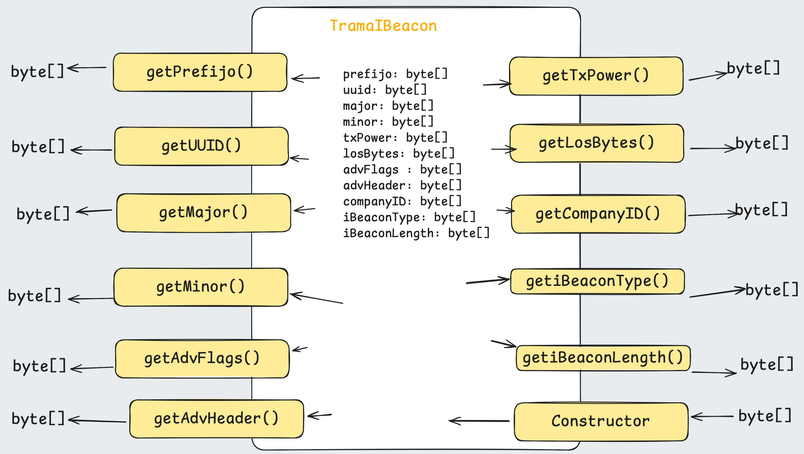
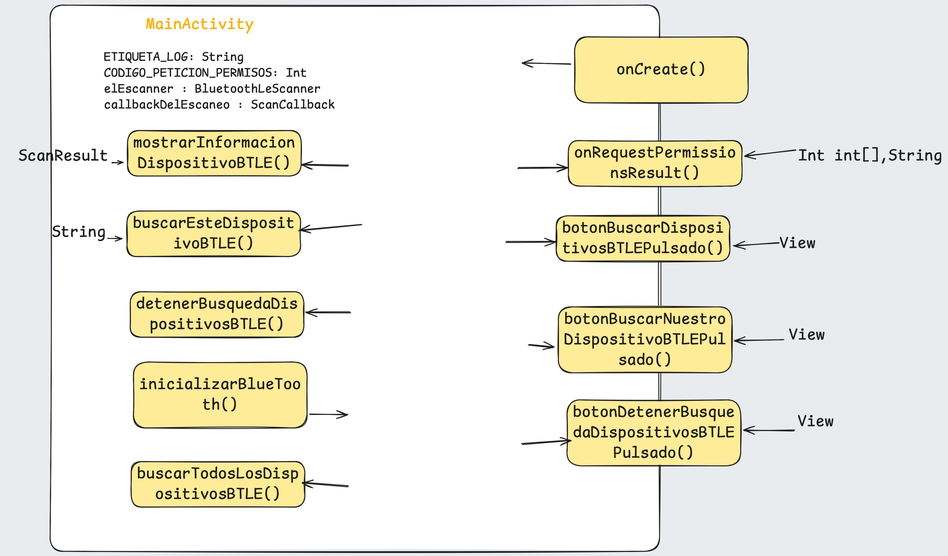
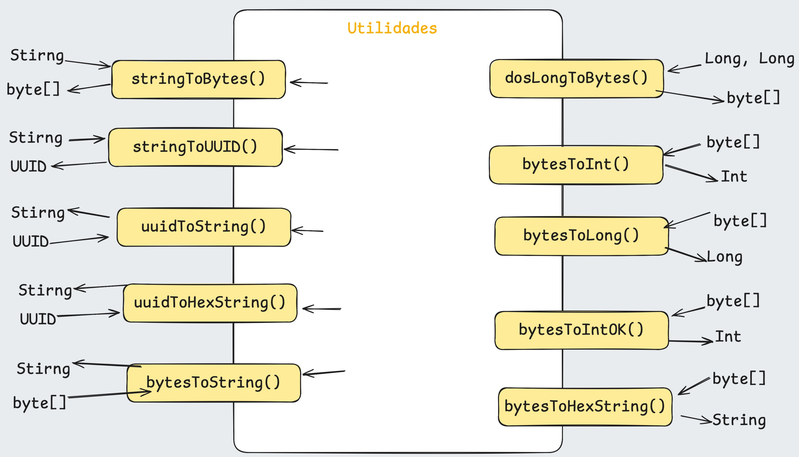
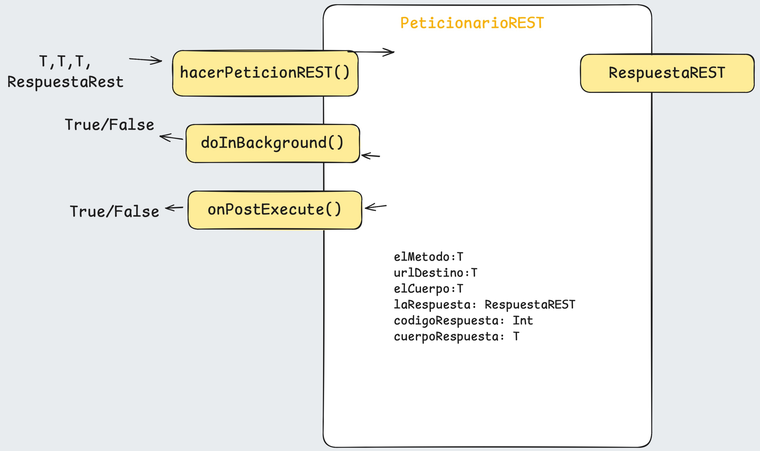
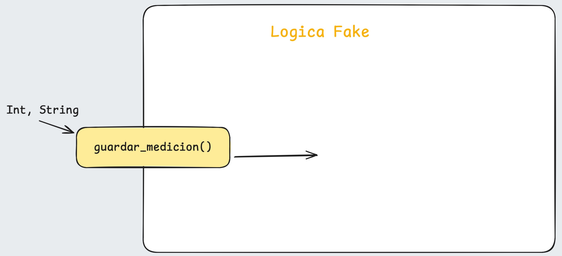
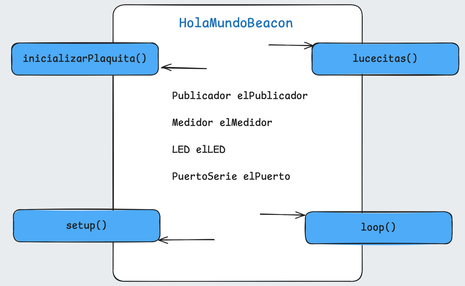
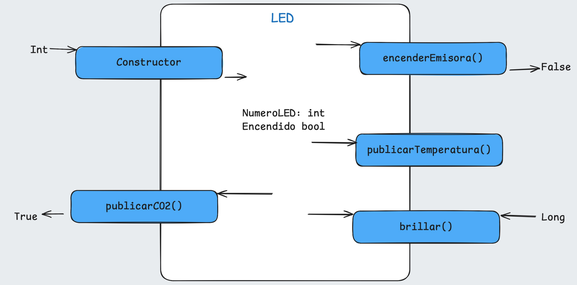
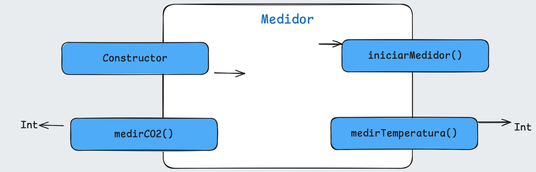
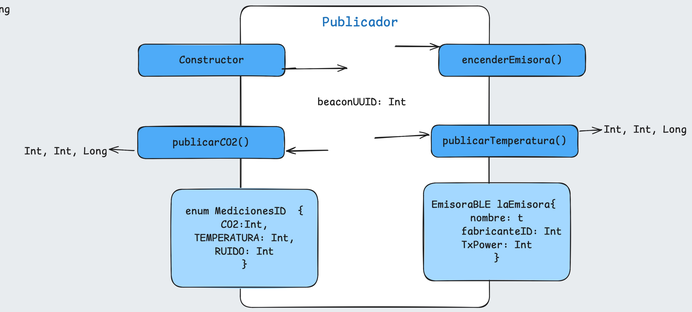
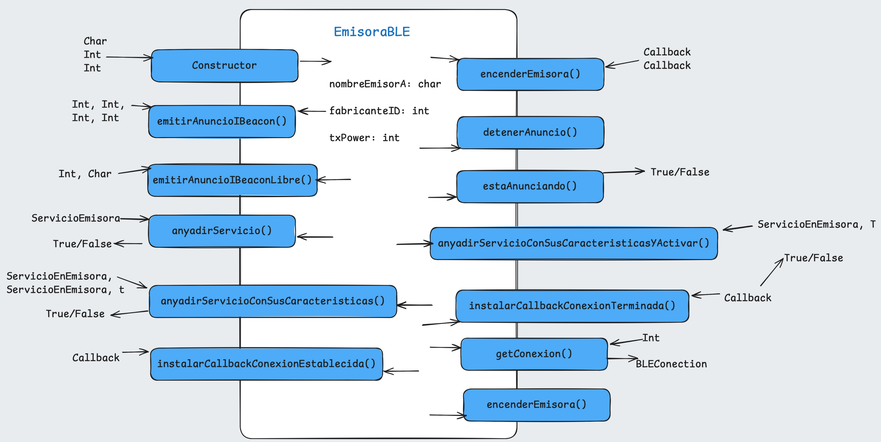
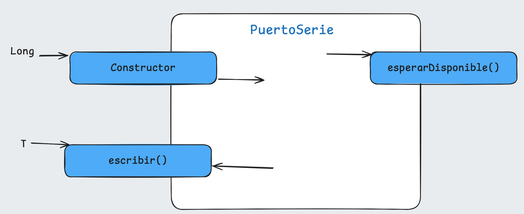
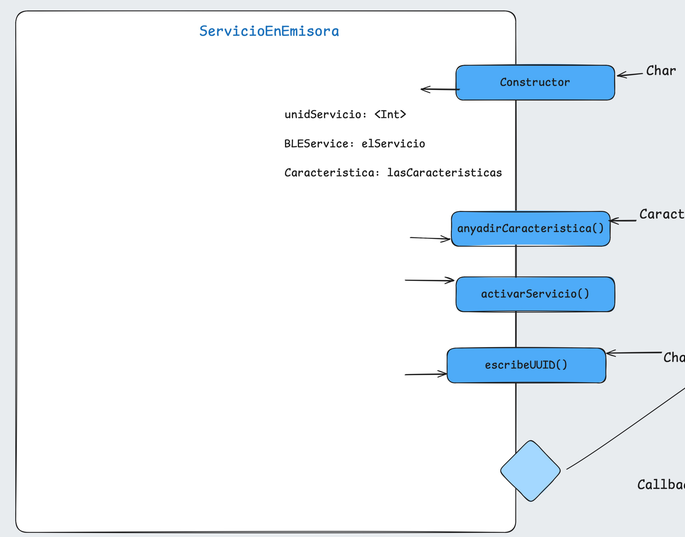
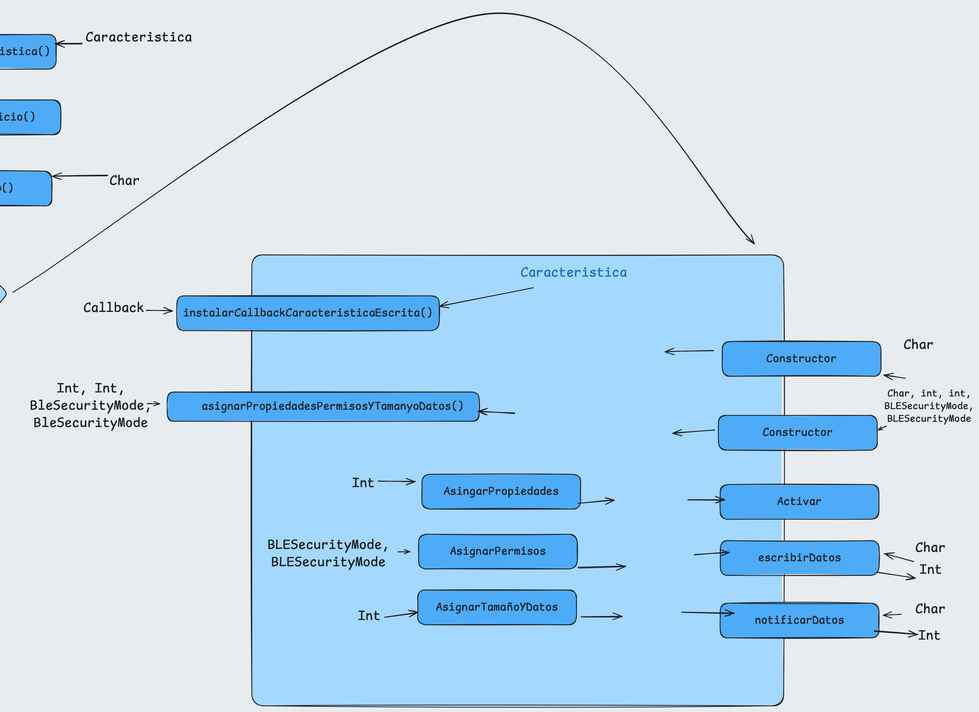

Servidor Rest
Rutas Rest
POST /v1/medicion
{JSON}
GET /v1/medicion
{JSON}
Int, String
guardar_medicion()
Lógica/Core
Int, Int, String
ultima_medicion()
BBDD
Tabla: mediciones
id: INTEGER AUTOINC
valor: REAL
tipo: TEXT
Logica Fake
Int, Int, String
ultima_medicion()


TramaIBeacon
prefijo: byte[]
uuid: byte[]
major: byte[]
minor: byte[]
txPower: byte[]
losBytes: byte[]
advFlags : byte[]
advHeader: byte[]
companyID: byte[]
iBeaconType: byte[]
iBeaconLength: byte[]
getPrefijo()
getUUID()
getMajor()
getMinor()
getAdvFlags()
getAdvHeader()
getTxPower()
getLosBytes()
getCompanyID()
getiBeaconType()
getiBeaconLength()
Constructor
byte[]


MainActivity
ETIQUETA_LOG: String
CODIGO_PETICION_PERMISOS: Int
elEscanner : BluetoothLeScanner
callbackDelEscaneo : ScanCallback
onCreate()
mostrarInformacionDispositivoBTLE()
ScanResult
buscarEsteDispositivoBTLE()
String
detenerBusquedaDispositivosBTLE()
inicializarBlueTooth()
buscarTodosLosDispositivosBTLE()
onRequestPermissionsResult()
Int int[],String
botonBuscarDispositivosBTLEPulsado()
View
botonBuscarNuestroDispositivoBTLEPulsado()
botonDetenerBusquedaDispositivosBTLEPulsado()


Utilidades
Stirng
byte[]
stringToBytes()
UUID
stringToUUID()
uuidToString()
uuidToHexString()
bytesToString()
dosLongToBytes()
Long, Long
bytesToInt()
Int
bytesToLong()
Long
bytesToIntOK()
bytesToHexString()
String


PeticionarioREST
T,T,T,
RespuestaRest
hacerPeticionREST()
RespuestaREST
True/False
doInBackground()
onPostExecute()
elMetodo:T
urlDestino:T
elCuerpo:T
laRespuesta: RespuestaREST
codigoRespuesta: Int
cuerpoRespuesta: T


Logica Fake
Int, String
guardar_medicion()

DISEÑOS ARDUINO HUGO BELDA