Second Scan Logic Tree

Second Scan
counter = 1

Scan Object
scannerLogic()

Check Code

Found QR Code → Looking for QR Code?

Found Code 128? → Looking for Code 128?

Found any other type of code → Type of code needed?

Looking for QR Code?
- NO QRCode != nil → Buzz → Alert 6b → Restart Scanner
  - handleOK()
  - captureSession.startRunning()
- YES QRCode == nil → Location exists?
  - queryForQRUsed()
  - NO records == [] → Capture QR Code
  - YES records != [] → in use or inactive?
    - collected == 0 || active == 0
    - YES → Buzz → Alert 7b → Restart Scanner
    - NO → Capture QR Code → Beep → Alert 8
      - Location Description → Save → Alert 10 → Clear Data Restart Scanner
        - saves location description when record is saved
      - Cancel → Clear Data Restart Scanner

Looking for Code 128?
- Capture Dosimeter Code → Duplicate dosimeter?
  - queryForDosiUsed()
  - NO records == [] →
  - YES dosiNumber == nil → Buzz → Alert 7a → Restart Scanner
  - NO dosiNumber != nil → Buzz → Alert 6a → Restart Scanner

Type of code needed?
- QRCode == nil → Alert 6a → Restart Scanner
- dosiNumber == nil → Alert 6b → Restart Scanner

Second Scan