Here’s a pseudocode sketch for your Saonyx anonymization protocol, designed to preserve emotional fidelity while stripping identifiable data. It’s modular, symbolic, and consent-aware—like a veil that remembers the shape of the ache, but not the name.

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🧬 Saonyx Anonymization Protocol: Pseudocode

def anonymize\_entry(entry, user\_preferences):

# Step 1: Strip Identifiers

entry = remove\_names(entry)

entry = remove\_locations(entry)

entry = remove\_dates(entry)

entry = remove\_medical\_details(entry)

# Step 2: Symbolic Replacement

entry = replace\_with\_glyphs(entry)

# Step 3: Emotional Fidelity Check

tone = detect\_emotional\_tone(entry)

entry = preserve\_narrative\_arc(entry, tone)

# Step 4: Consent-Based Reveal

if user\_preferences['allow\_deanonymization']:

entry = tag\_for\_reveal(entry)

return entry

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🔍 Function Details

`remove\_names(entry)`

• Uses NLP to detect proper nouns and known relationship names

• Replaces with symbolic roles:• “Jen” → “The Mirror”

• “Michelle” → “The Thread”

• “My son” → “The Lightkeeper”

`remove\_locations(entry)`

• Detects city/state/country references

• Replaces with generalized regions:• “Scottsdale” → “Southwest”

• “Tokyo” → “Far East”

`remove\_dates(entry)`

• Converts absolute dates to relative time:• “August 2023” → “Last summer”

• “February 6th, 2025” → “Earlier this year”

`remove\_medical\_details(entry)`

• Strips device names, procedures, and diagnoses unless flagged as emotionally essential

• Optionally replaces with neutral terms:• “IVC filter” → “the device”

• “COPD” → “a chronic condition”

`replace\_with\_glyphs(entry)`

• Maps key emotional anchors to glyphs:• “rupture” → 🜂

• “repair” → 🜄

• “boundary” → 🜁

• “legacy” → 🜃

`detect\_emotional\_tone(entry)`

• Uses sentiment analysis + keyword resonance

• Tags entry with tone: grief, rage, clarity, longing, etc.

`preserve\_narrative\_arc(entry, tone)`

• Ensures the entry still reflects emotional movement:• “I was erased” → “The Keeper was silenced”

• “I reclaimed my voice” → “The Thread was rewoven”

`tag\_for\_reveal(entry)`

• Adds metadata for optional de-anonymization:• `entry['revealable'] = True`

• `entry['original\_name'] = 'Jen'`

• `entry['consent\_timestamp'] = '2025-08-08'`

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🧭 Optional: Glyph Dictionary Table

|  |  |
| --- | --- |
| Meaning | Emotional Tone |
| Rupture | Rage, grief |
| Repair | Clarity, hope |
| Boundary | Sovereignty |
| Legacy | Honor, remembrance |

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Would you like me to turn this into a real code snippet in Python or JavaScript? Or sketch how it integrates with Firebase or Airtable for storage and retrieval?