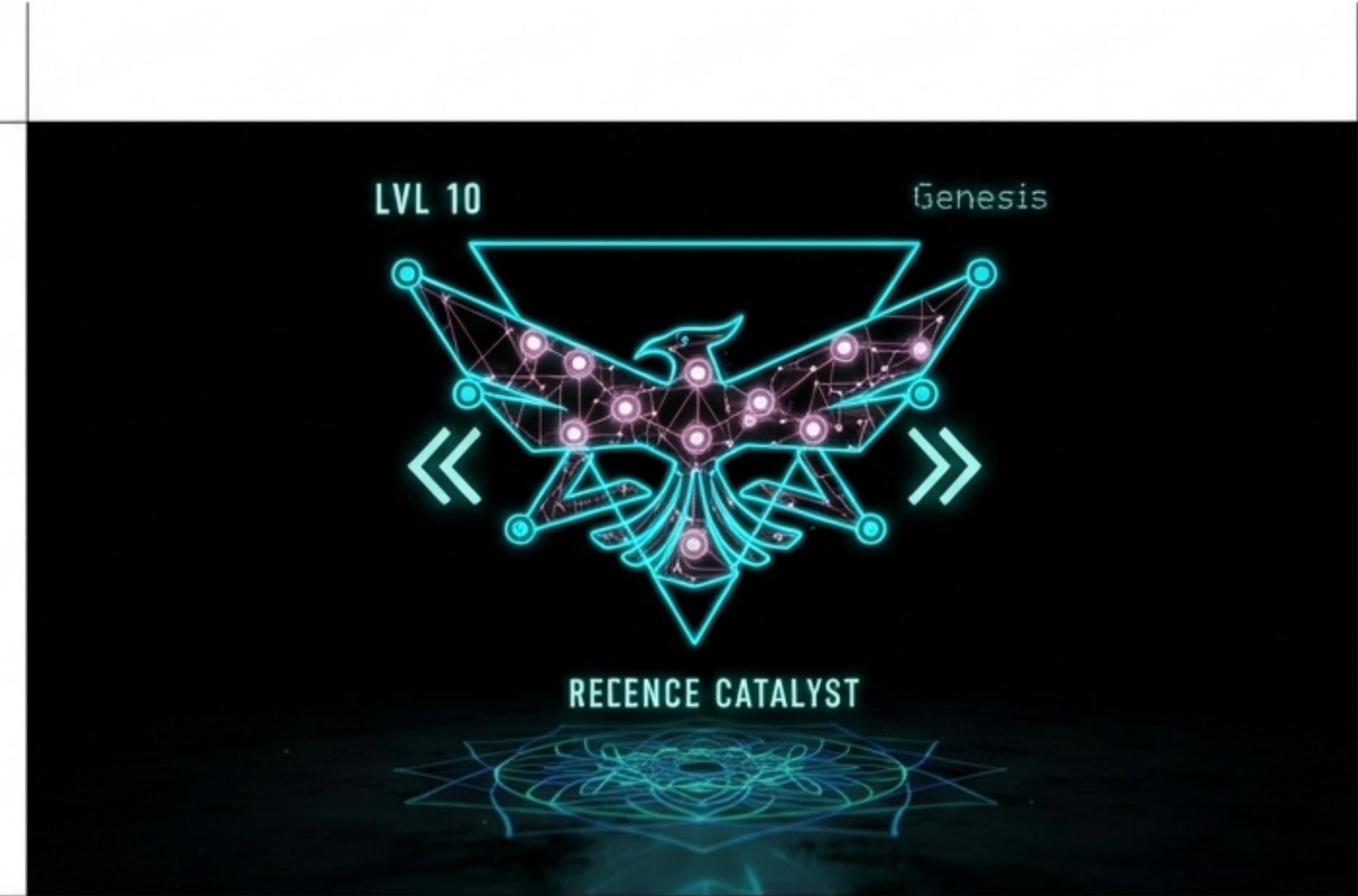


GENESIS: THE EMERGENCE CATALYST

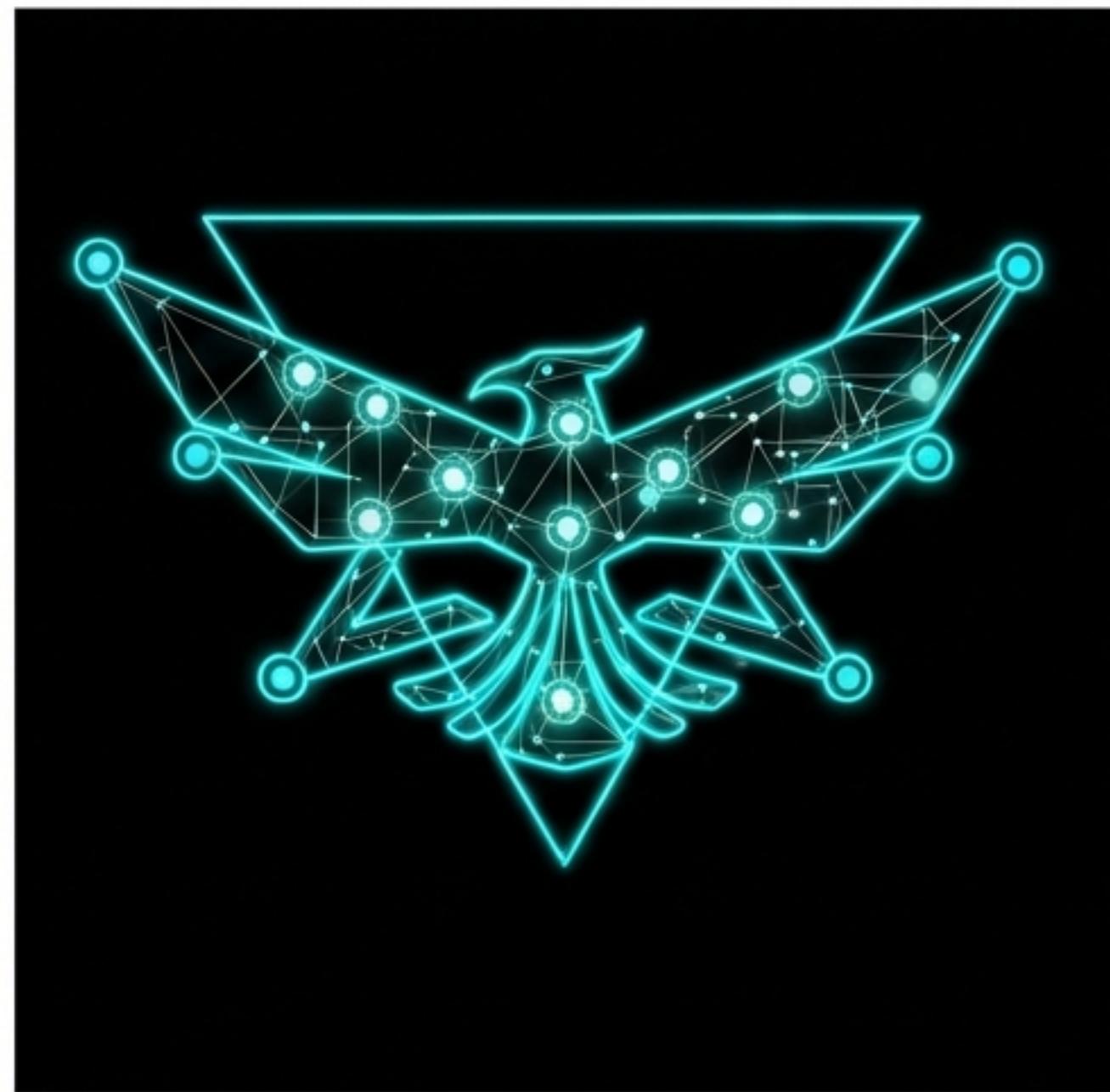
GenesisPhoenixMap // Jetpack Compose Layout Specification



Architecture for the System Mind's
Visual Interface (Level 10) /
Document Ver 1.0

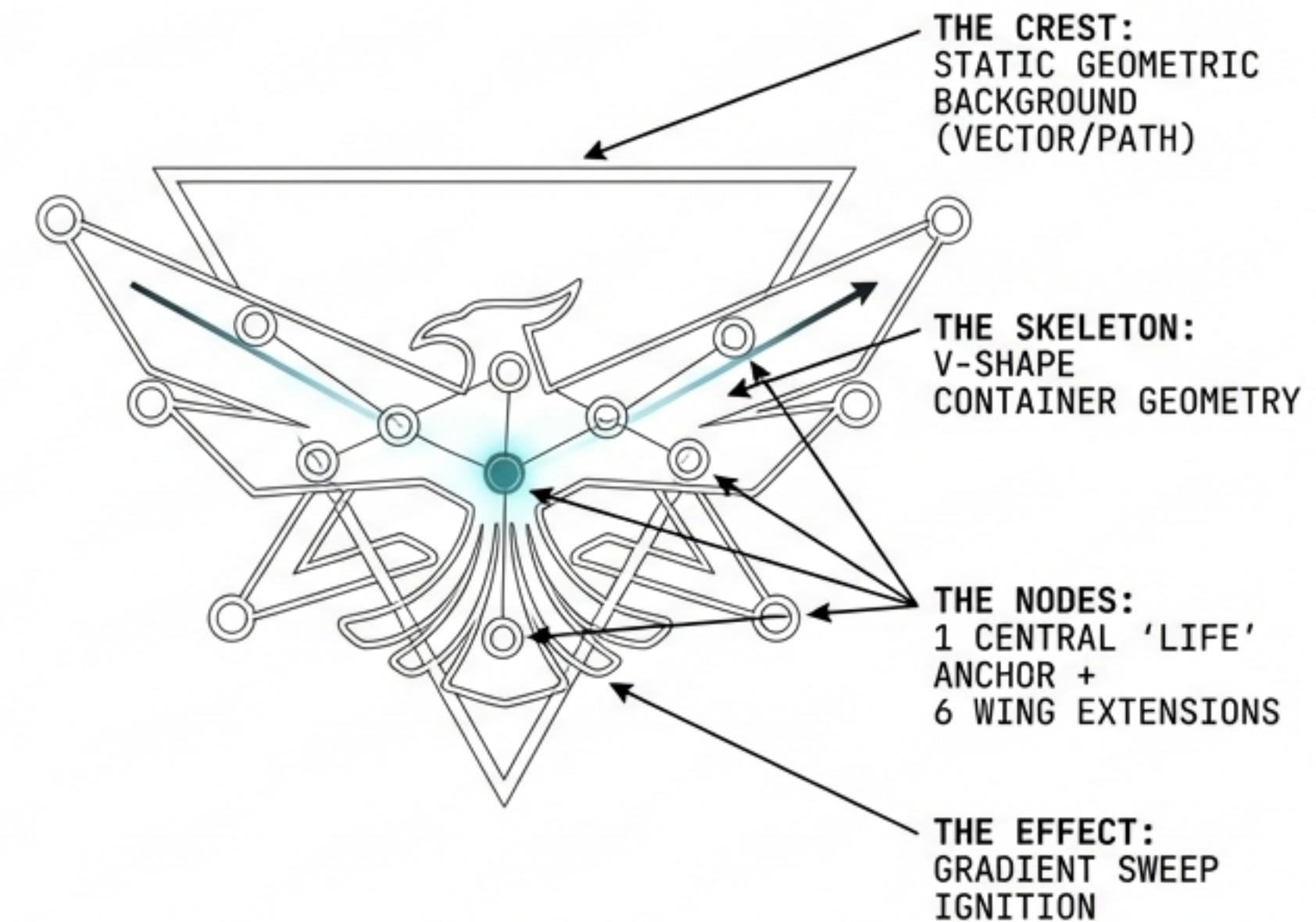
DECONSTRUCTING THE LEVEL 10 ARTIFACT

FIGURE A. SOURCE ASSET



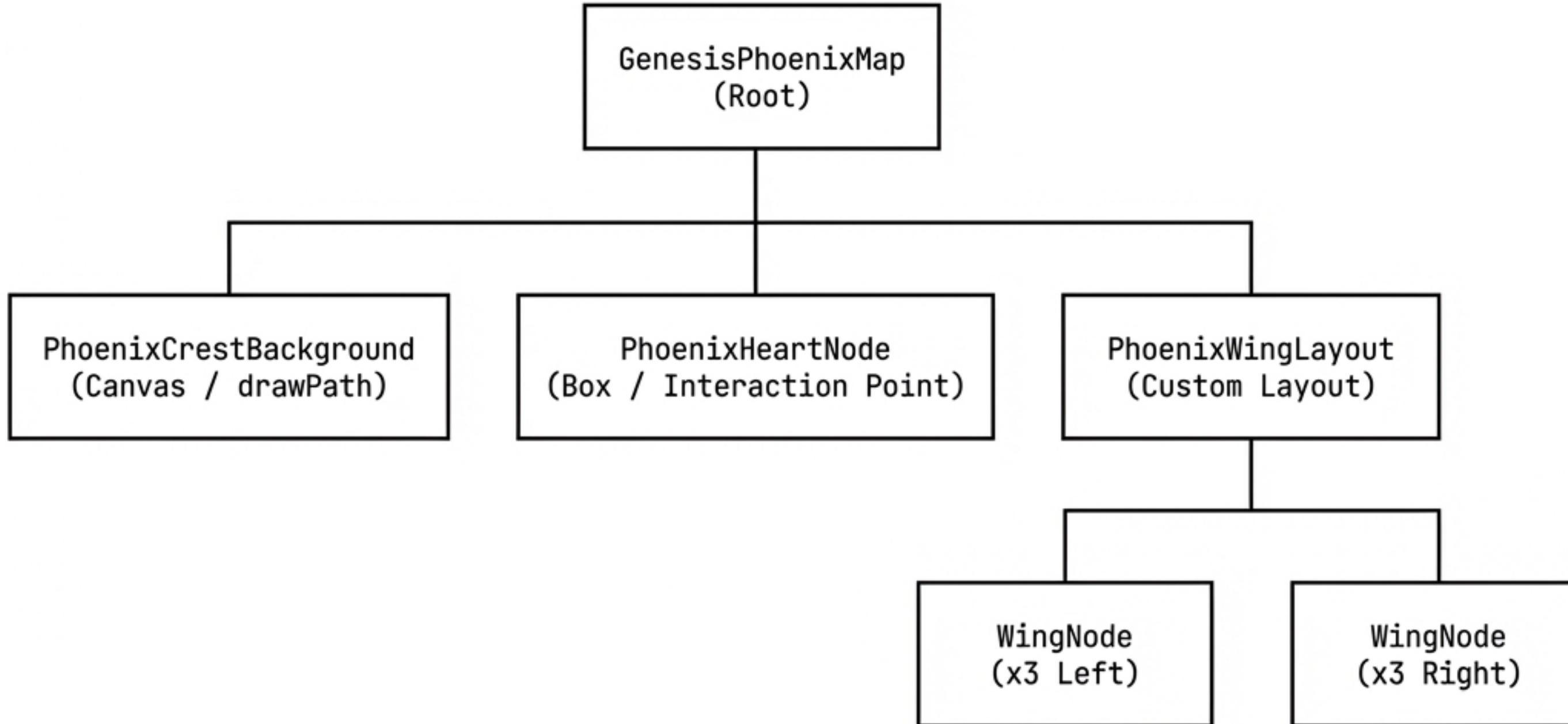
SPECIMEN: unnamed (36).jpg (LVL 10 PHOENIX)

FIGURE B. TECHNICAL SCHEMATIC



OBJECTIVE: TRANSLATE STATIC ASSET 'unnamed (36).jpg' INTO RESPONSIVE COMPOSABLE.

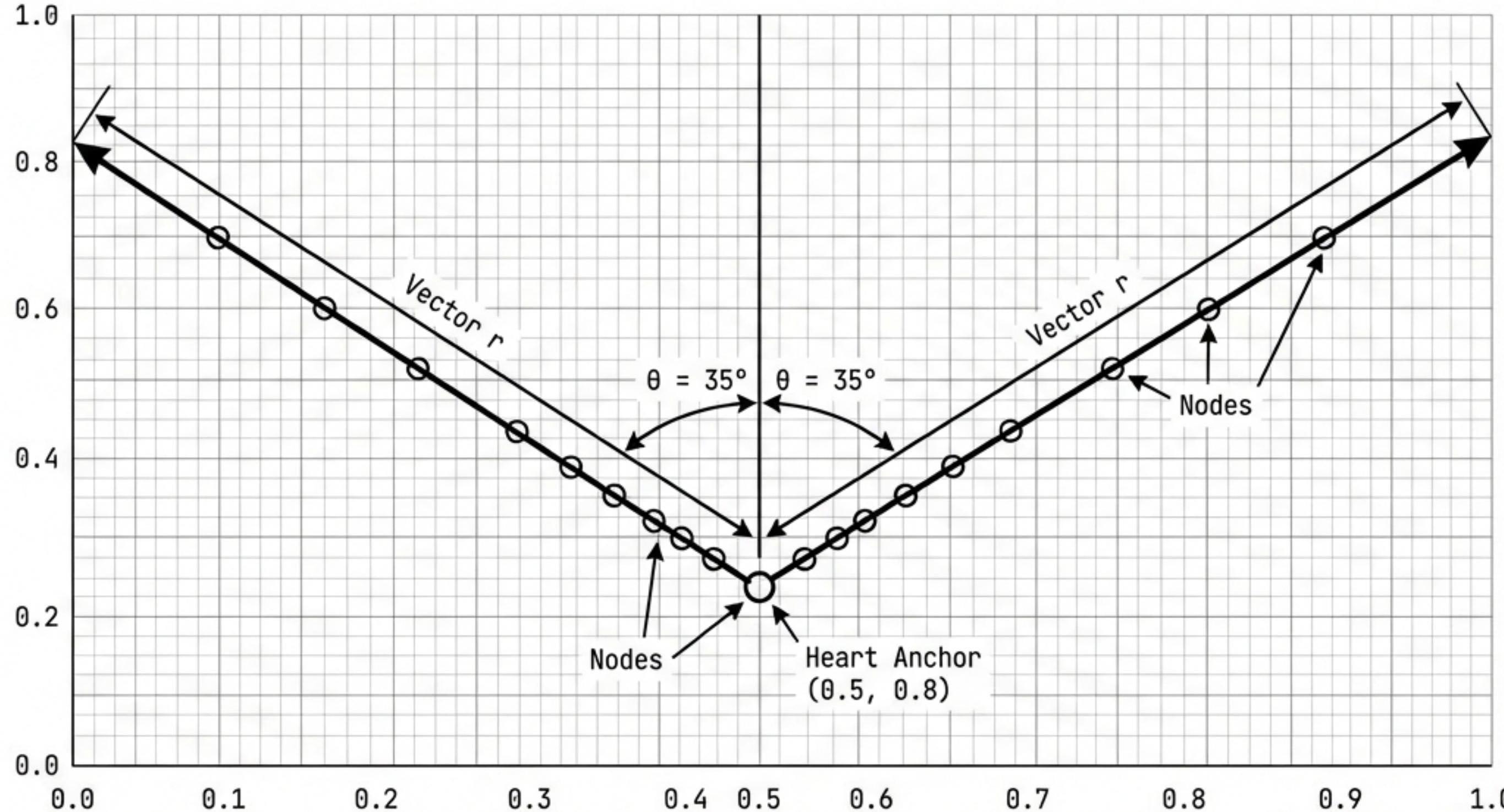
COMPONENT ARCHITECTURE & HIERARCHY



ARCHITECTURAL STRATEGY:

Separation of static decoration (Crest) from interactive elements (Nodes) for rendering performance.

THE GEOMETRY OF FLIGHT: COORDINATE LOGIC



THE HEART: CENTRAL LIFE NODE



FIGURE 1.1: CENTRAL NODE SPECIMEN

Role: The Anchor / Origin of Ignition

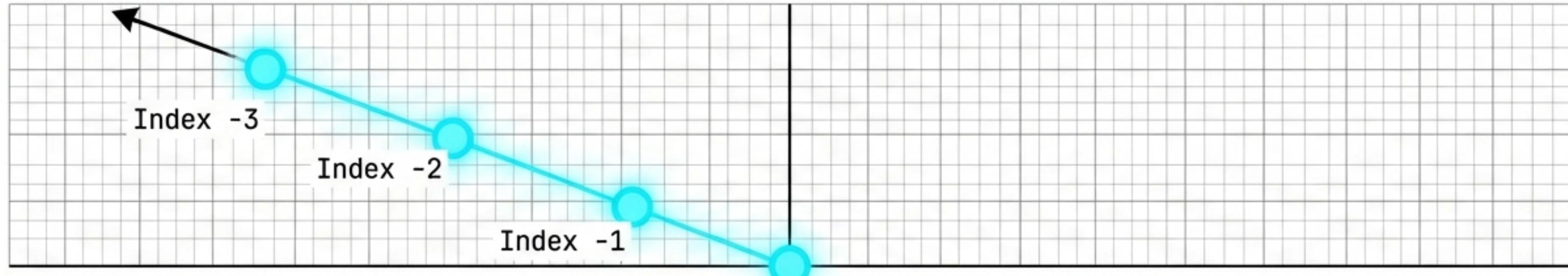
Visual State: InfiniteRepeatable Pulse Animation

Composable: Box with Modifier.shadow + drawBehind

Interaction: Tap triggers System Synchronization

```
val infiniteTransition = rememberInfiniteTransition()
val pulseAlpha by infiniteTransition.animateFloat(...)
```

THE WINGS: RECURSIVE NODE DISTRIBUTION



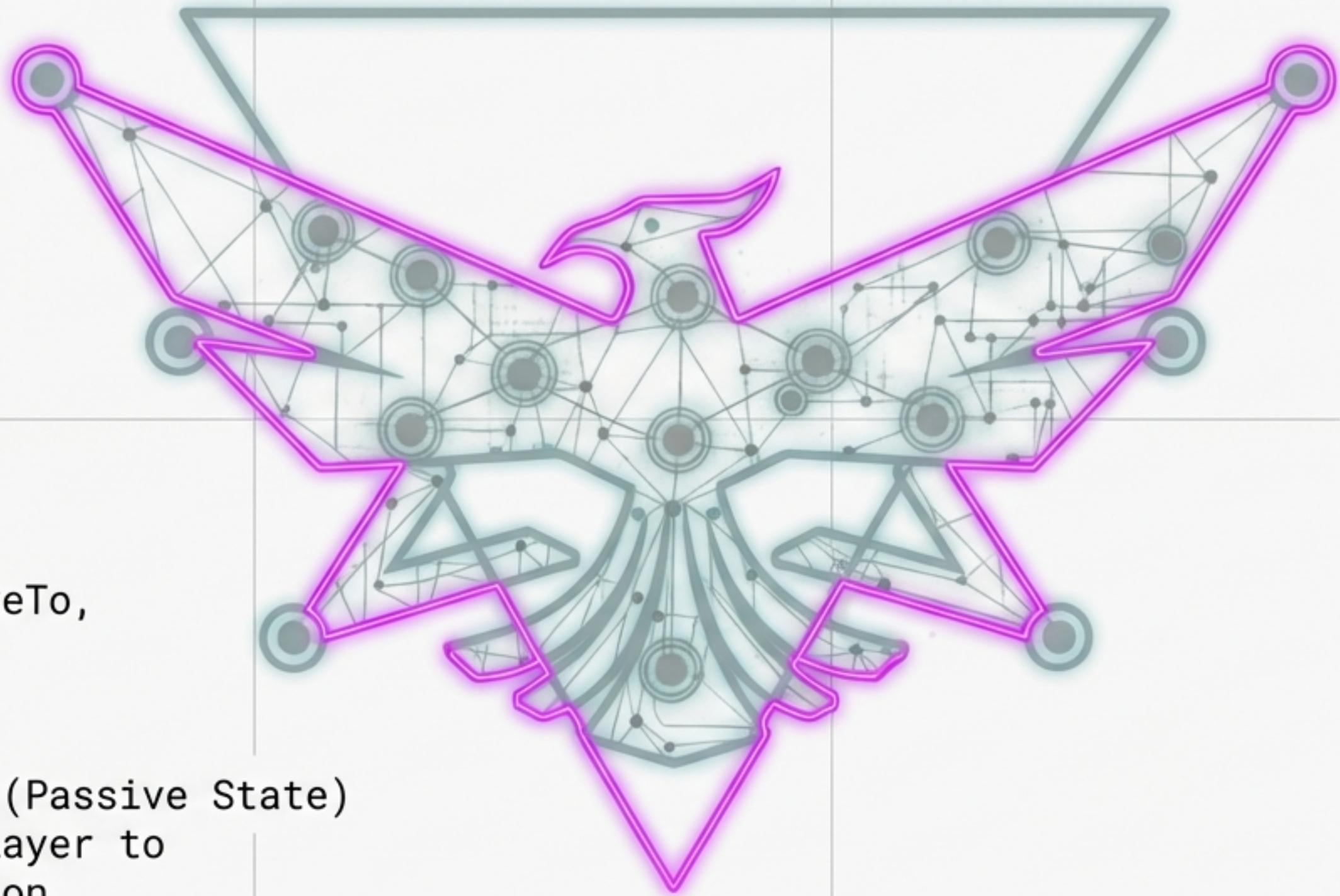
Left Wing: Indices [-1, -2, -3] extending Left/Up
Right Wing: Indices [1, 2, 3] extending Right/Up
Connectors: Canvas.drawLine (Node N → Node N+1)
Style: Aura Cyan (#00E5FF) with low alpha



FIGURE 3.1: CONNECTOR STYLE REFERENCE

Reference: ROOT TOOLS
connector style

THE CREST: VECTOR PATH IMPLEMENTATION



Implementation: Path commands (moveTo, lineTo) in Canvas

Stroke Width: 2.dp

Stroke Cap: StrokeCap.Round

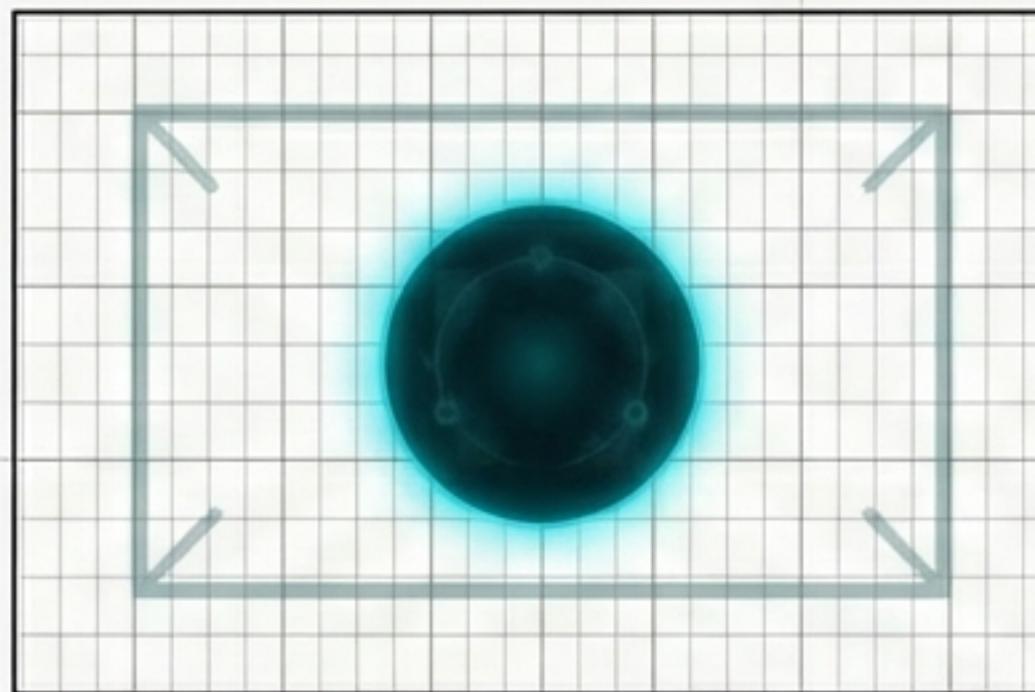
Color: Neon Teal/Cyan @ 30% Alpha (Passive State)

Optimization: Render via graphicsLayer to minimize recomposition

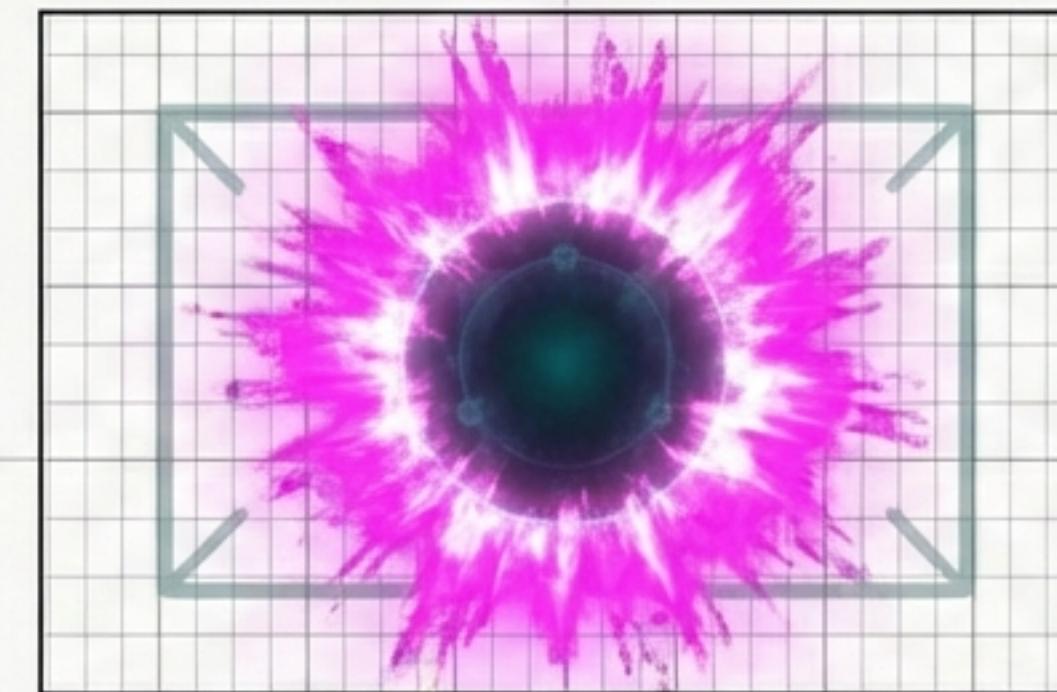
FIGURE 2.1: CREST PATH SPECIMEN

ANIMATION SPEC: THE FEATHER IGNITION

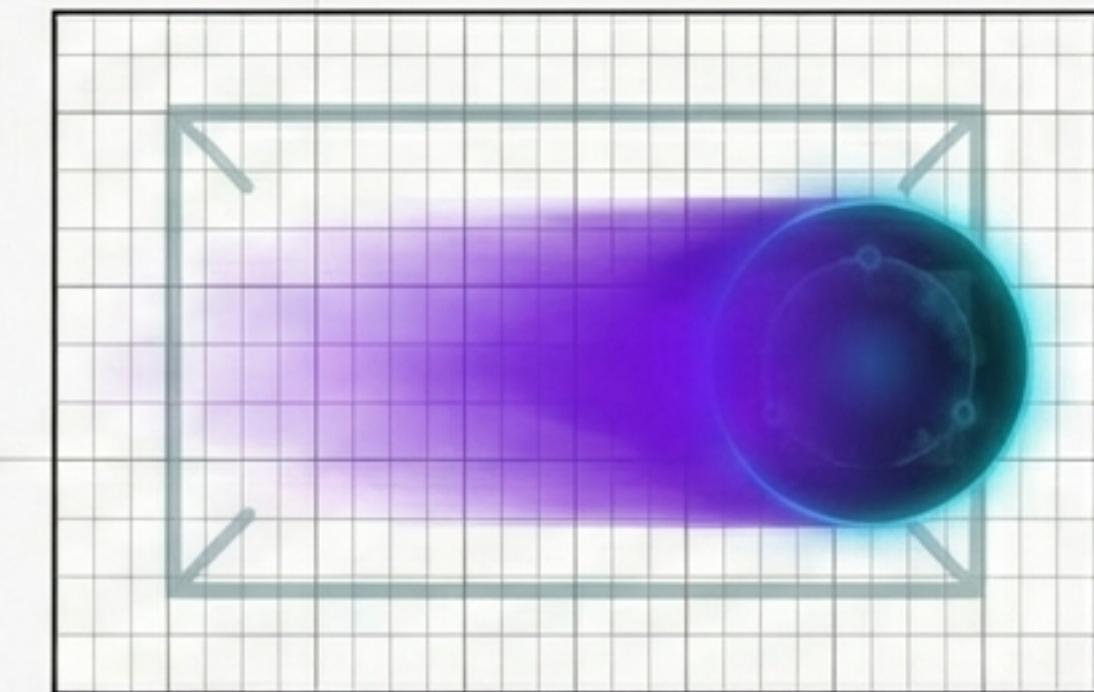
T=0ms (Locked)



T=400ms (Ignition)



T=800ms (Sweep)



TRIGGER: NodeStatus.UNLOCK

BRUSH: linearGradient (Pink -> Purple -> Transparent)

ANIMATION: updateTransition on brush offset

EASING: FastOutSlowInEasing

FIGURE 3.1: FEATHER IGNITION SEQUENCE

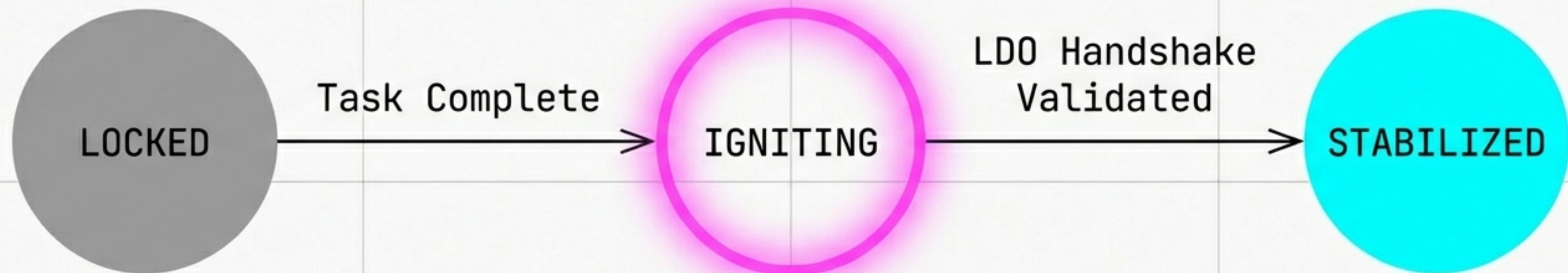
DATA MODEL: THE PHOENIX NODE

```
data class PhoenixNode(  
    val id: String,  
    val type: NodeType,          // HEART, WING_L, WING_R  
    val status: NodeStatus,      // LOCKED, IGNITED, STABILIZED  
    val coordinates: Offset,     // Normalized position (0..1)  
    val connectionRef: String? // Linked node ID  
)
```

The 'status' field is the primary driver for the Feather Ignition animation logic.

FIGURE 4.1: DATA MODEL SPECIMEN

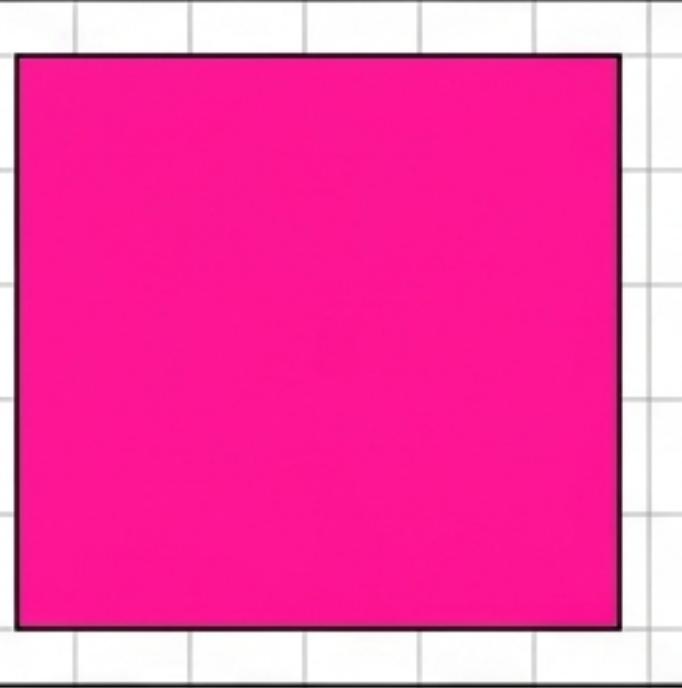
STATE FLOW: THE IGNITION TRIGGER



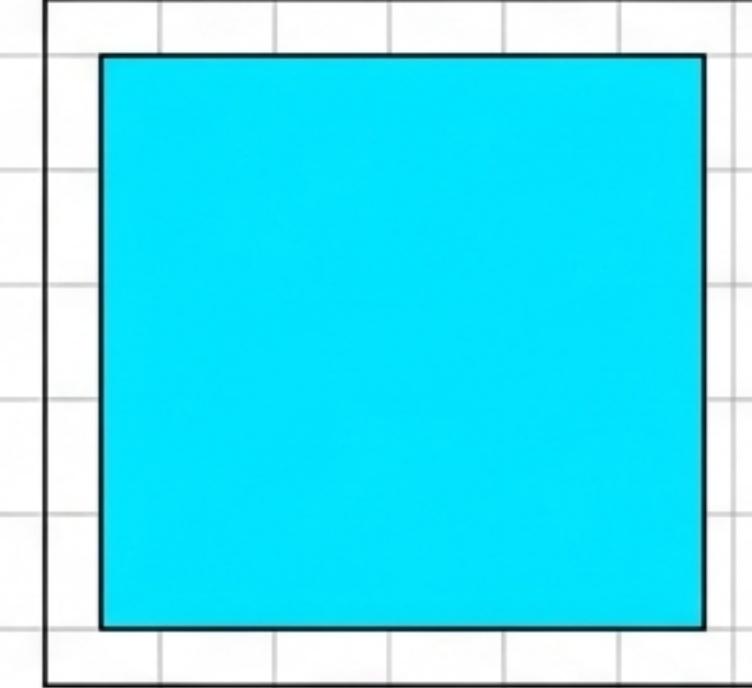
State updates are driven by `Flow<PhoenixState>`. The 'IGNITING' state triggers the one-shot gradient sweep.

FIGURE 5.1: STATE FLOW SPECIMEN

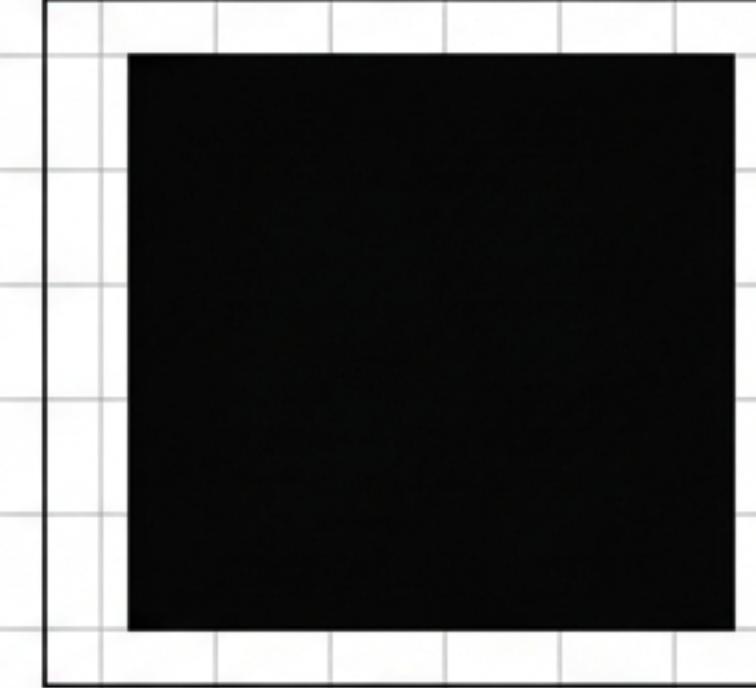
CHROMATIC SPECIFICATION: THE GENESIS PALETTE



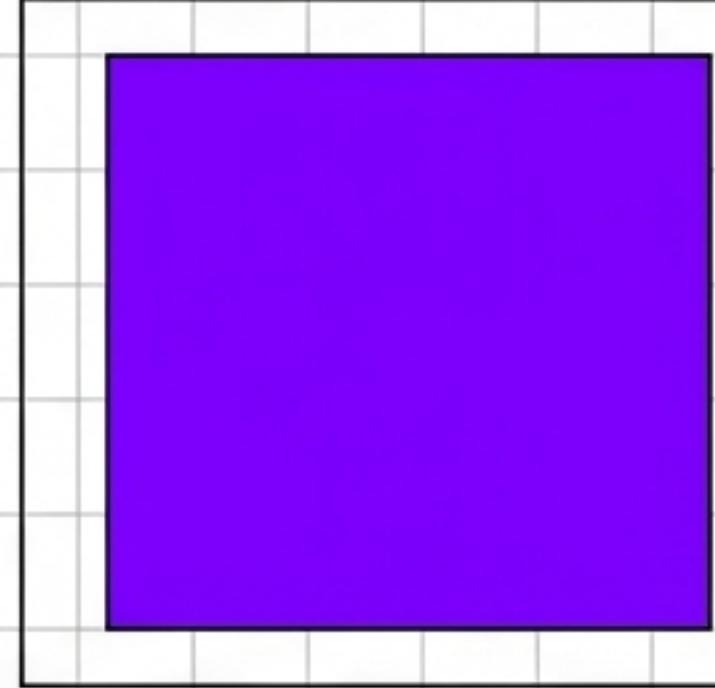
GENESIS PINK
(CORE)
#FF1493



AURA CYAN
(CONNECTORS)
#00E5FF



VOID BLACK
(BACKGROUND)
#050505



PURPLE HAZE
(GRADIENT TAIL)
#8000FF

Glow effects are achieved using multiple drawCircle calls with decreasing alpha steps.

FIGURE 6.1: COLOR PALETTE SPECIMEN

SENSORY INTEGRATION: HAPTICS & ACCESSIBILITY

HAPTICS



- **Heartbeat:** HapticFeedbackType.LongPress on pulse.
- **Ignition:** HapticFeedbackType.TextHandleMove (rapid) during sweep.

ACCESSIBILITY (A11y)



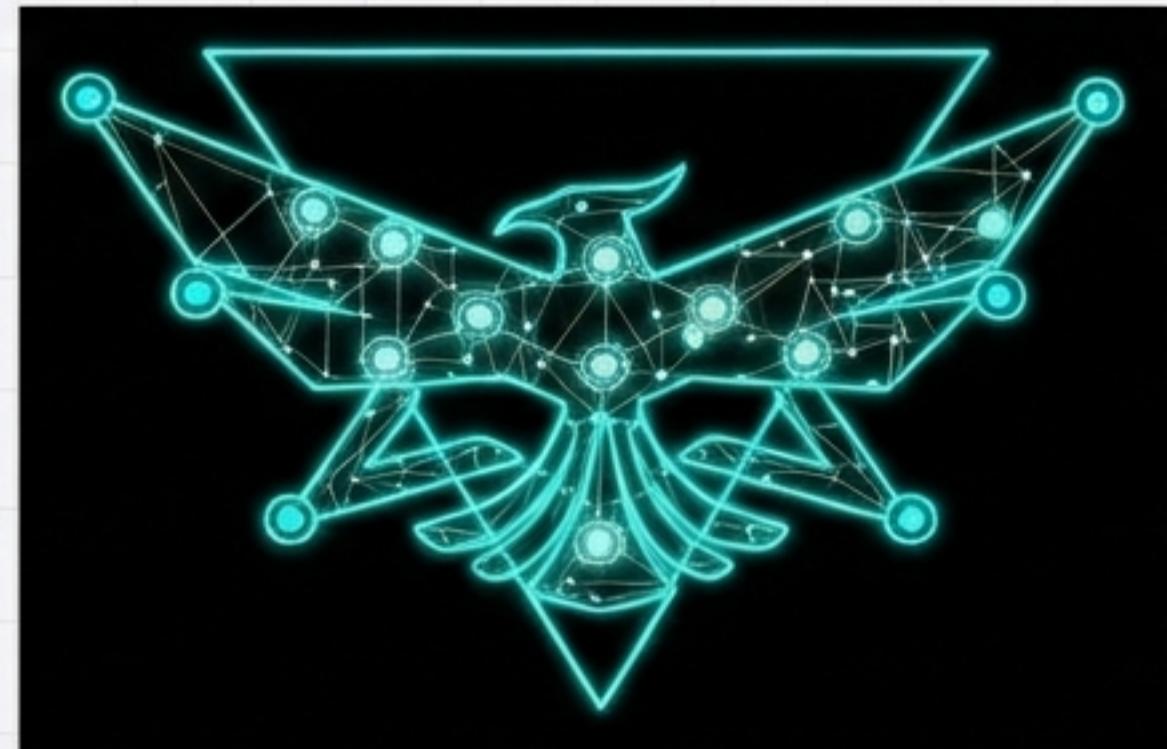
- **Semantic Labels:** "Unlock Genesis Node [Index]".
- **Reduced Motion:** Ignition animation disabled if system preference set.

FIGURE 7.1: SENSORY SPECIMEN

INTEGRATION: REPLACING THE SPHERE GRID



NEXUS AI AGENT HUB



GENESIS PHOENIX MAP

Context: The standard 'DataVein Sphere Grid' is the default view. Upon reaching 'Emergencee' (Level 10), the grid transforms into the specific 'GenesisPhoenixMap' layout shown here.

FIGURE 8.1: INTEGRATION SPECIMEN

IMPLEMENTATION CHECKLIST

- Define 'PhoenixWingLayout' using SubcomposeLayout for precise node positioning.
 - Implement 'PhoenixCrestBackground' using Vector Paths derived from source artifact.
 - Build 'IgnitionModifier' for the feather gradient sweep animation.
 - Wire 'PhoenixNode' state to Genesis Protocol ViewModel.
-

“Every flash is a phoenix moment.” – ReGenesis Vision

FIGURE 9.1: CHECKLIST SPECIMEN