

DESIGN AND UX SPECIFICATION

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FILE: docs/02_DESIGN/CONTENT_STYLE_GUIDE.md

Content Style Guide

Voice, tone, and grammar rules for the Memoir.ai interface.

1. The Voice: "The Sage Observer"

The UI should sound empathetic but objective. Avoid overly "Chipper" or "Corporate" language.

- **DO:** "Your vault is ready for exploration."
- **DON'T:** "Yay! You're all set to go!"

2. Key Terminology

- **Vault:** The local, encrypted storage unit. (Capitalize as proper noun).
- **Snapshot:** A generated AI narrative.
- **Evidence:** Raw messages or photos used to support a claim.
- **Timeline:** The scrollable unified feed.

3. Error Message Guidelines

Errors should follow the **Nebula-Response** pattern:

1. State what happened (Neutral).
2. Explain the impact.
3. Provide a clear "Next Step".

4. Formatting

- Use **Title Case** for primary navigation items.
 - Use **Sentence case** for descriptions and body text.
-

FILE: docs/02_DESIGN/DESIGN_SYSTEM/COLOR_SYSTEM.md

Color System

The "Nebula" palette. Emphasizing depth, luminosity, and high contrast.

1. Primary Palette

- **Obsidian (Base)**: #050505 - Main background.
- **Star-Violet**: #8B5CF6 - Primary action color.
- **Nebula-Cyan**: #06B6D4 - Secondary/Teal accent.
- **Supernova-Magenta**: #D946EF - Highlights and alerts.

2. Dynamic States

- **Hover**: 20% increased luminosity of the base accent.
- **Active**: 10% decreased luminosity + subtle bloom effect.

3. UI Backgrounds

- **Glass-Base**: rgba(255, 255, 255, 0.03) with backdrop-filter: blur(20px).
 - **Frost-Edge**: rgba(255, 255, 255, 0.1) border.
-

FILE:

docs/02_DESIGN/DESIGN_SYSTEM/COMPONENT_INVENTORY.md

Component Inventory — Memoir.ai V1

This document lists the core UI components required for Memoir.ai V1, as specified in the Product Requirements and Build Spec.

1. Foundation Components

Button

- **Variants**: Primary, Secondary, Ghost, Destructive.
- **States**: Default, Hover, Active, Disabled, Loading.
- **Usage**: Primary actions like "Generate Snapshot" or "Import Data".

Modal

- **Props**: title, children, onClose, isOpen.
- **Usage**: Import wizards, confirmation dialogs (Library deletion), and settings.

ProgressBar

- **Props**: percentage, status (pending, running, complete, failed).
- **Usage**: Visualizing the progress of background import/export jobs.

2. Business Components

TimelineItem

- **Props:** timestamp, source_icon, content_snippet.
- **Aesthetic:** High information density, easy for scanning large datasets.

TimelineGroup

- **Props:** date, children (TimelineItems).
- **Logic:** Groups memories by date (e.g., "Mondy, Jan 26").

CitationComponent

- **Props:** citation_id, source_memory_id, text.
- **Aesthetic:** Non-intrusive "pill" or numbered marker within a Snapshot.
- **Interaction:** Click to scroll/jump to the source memory in the timeline.

3. Navigation & Search

Global Search Bar

- **Features:** Real-time filtering, syntax support (source:messenger), and date range pickers.
- **Placement:** Historically fixed at the top of the Library workspace.

Sidebar

- **Sections:** Library switcher, Timeline, Search, Snapshots, Settings.
-

FILE:

docs/02_DESIGN/DESIGN_SYSTEM/DESIGN_PRINCIPLES.md

Design Principles

1. **Local-First, Zero-Exfiltration:** The UI must never leak data status to the cloud without intent.
 2. **Cinematic Immersion:** Use motion and depth (z-layers) to make the archival process feel like discovery, not homework.
 3. **Typography as Structure:** Minimize lines; use whitespace and weight hierarchy to define zones.
 4. **The "Evidence First" Rule:** No AI generated content should be shown without its citation "Anchor" visible or reachable.
-

Iconography

Icons in Memoir.ai serve as **navigational beacons** in the void. They must be precise, lightweight, and clear.

1. Style Guide

- **Stroke-Based:** We use a clean stroke style (1.5px to 2px). No solid fills unless representing a toggled state or a specific brand asset.
- **Geometry:** Icons should feel "engineered." Perfect circles, straight lines, distinct corners.
- **Open Contours:** Avoid heavy, closed shapes. The icons should feel like they are made of light (neon tubes).

2. Recommended Set

We use **Lucide React** (or Heroicons Outline) as the standard library.

- **Consistency:** Adhere to the standard SVG stroke width.
- **Corners:** Rounded joins (`stroke-linejoin="round"`) match the UI's border radius.

3. Sizing

Token	Size	Usage
Small	16px	Inside dense buttons, meta-data rows, timestamps.
Medium	20px	Navigation items, standard inputs, table actions.
Large	24px	Section headers, empty states, major toggles.

4. Color & State

- **Neutral:** By default, icons inherit the text color (`currentColor` or `--ink-2`).
- **Active/Glow:**
 - Active navigation items often glow `--cyan`.
 - Destructive actions glow `--danger`.
- **Stroke:** Ensure `vector-effect: non-scaling-stroke` if resizing heavily (though we prefer swapping size variants).

5. Usage Examples

```
/* DO */  
<Icon name="search" size={20} color="var(--ink-2)" />
```

```
/* DON'T */  
/* Filled icons for non-active states */  
<Icon name="search-filled" />
```

FILE:

docs/02_DESIGN/DESIGN_SYSTEM/SPACING_ELEVATION.md

Spacing & Elevation

Memoir.ai uses a fluid spacing system and a multi-layered glass elevation model to create depth in the void.

1. Spacing System

We do not use fixed pixels for structural padding. We use **Fluid Spacing Tokens** that adapt to the viewport width using `clamp()`. This ensures the interface never feels cramped on laptops or sparse on large monitors.

Token	CSS Variable	Value Range (approx)	Usage
Small	<code>--pad-sm</code>	10px	Internal component padding (buttons, inputs).
Medium	<code>--pad-md</code>	16px	Standard gap between small elements.
Large	<code>--pad-lg</code>	16px - 24px	Card padding, section gaps.
Extra Large	<code>--pad-xl</code>	20px - 32px	Page margins, major section breaks.

The Grid

While fluid, we align to a **4px baseline grid** where possible.

- Elements are spaced by 4px, 8px, 16px, 24px, 32px, 48px, 64px.

2. Elevation & Depth

In the "Cosmic Glass" aesthetic, elevation is defined by **opacity** and **blur**, not just shadow.

Layer 0: The Void

- **Variable:** --bg-0
- **Use:** The infinite background. Never place content directly here; use a panel.

Layer 1: Base Panel

- **Variable:** --panel (rgba(27, 16, 61, 0.45))
- **Use:** Sidebar, large background containers.
- **Effect:** Low opacity, high blur. Recedes behind content.

Layer 2: Standard Glass

- **Variable:** --panel-2 (rgba(19, 12, 46, 0.55))
- **Use:** Cards, feed items, tiles.
- **Effect:** Medium opacity, medium blur. The distinct "objects" in the space.

Layer 3: Floating / Hard Glass

- **Variable:** --panel-3 (rgba(12, 8, 32, 0.75))
- **Use:** Modals, dropdowns, sticky headers.
- **Effect:** High opacity, crisp border, bright specular highlight.

3. Shadows

Shadows represent the light cast by the UI elements.

- **--shadow-lg:** Deep, ambient shadow for floating elements.
 - 0 24px 60px rgba(0,0,0,0.55)
 - **--shadow-glow:** Neon diffusion for active states.
 - 0 0 40px rgba(123, 97, 255, 0.15)
-

FILE: docs/02 DESIGN/DESIGN_SYSTEM/THEME.css

```
/* theme.css – Memoir.ai “cosmic glass” design system
One CSS file to rule many HTMLs (tragically useful).

Goals:
- Deep indigo/near-black base
- Purple/violet glass panels with soft neon edges
- Cyan → violet → magenta accent gradients
- Consistent typography + spacing
- Document-friendly + UI-friendly components
*/
/* ===== 0) Design Tokens ===== */
:root {
    /* Typography */
    --font-sans: ui-sans-serif, system-ui, -apple-system, "Segoe UI",
```

```
Roboto, Helvetica, Arial;
--font-mono: ui-monospace, SFMono-Regular, Menlo, Monaco,
Consolas, "Liberation Mono", "Courier New";

/* Core palette (pulled from your screenshots/icon palette) */
--bg-0: #040313;
/* near-black indigo */
--bg-1: #070521;
/* deep night */
--bg-2: #0B0830;
/* deep purple */
--ink-0: #F5F3FF;
/* near-white */
--ink-1: rgba(245, 243, 255, .88);
--ink-2: rgba(245, 243, 255, .68);
--ink-3: rgba(245, 243, 255, .48);

/* Surfaces (glass) */
--panel: rgba(27, 16, 61, .45);
--panel-2: rgba(19, 12, 46, .55);
--panel-3: rgba(12, 8, 32, .70);

/* Borders / separators */
--stroke: rgba(210, 185, 255, .20);
--stroke-2: rgba(210, 185, 255, .12);
--hairline: rgba(255, 255, 255, .08);

/* Neon accents */
--violet: #7B61FF;
--indigo: #4C3397;
--blue: #6CB7FF;
--cyan: #7FE7FF;
--magenta: #FF4FD8;
--pink: #F08BFF;

/* Status */
--ok: #3BE8C3;
--warn: #FFB547;
--danger: #FF5A6A;

/* Effects */
--shadow-lg: 0 24px 60px rgba(0, 0, 0, .55);
--shadow-md: 0 14px 34px rgba(0, 0, 0, .45);
--shadow-sm: 0 8px 18px rgba(0, 0, 0, .35);

--blur: 18px;
--radius-lg: 18px;
--radius-md: 14px;
--radius-sm: 12px;
```

```
--pad-xl: 28px;
--pad-lg: 22px;
--pad-md: 16px;
--pad-sm: 12px;

--page-max: 980px;

/* Gradients */
--grad-accent: linear-gradient(90deg, rgba(127, 231, 255, .85),
rgba(123, 97, 255, .85), rgba(255, 79, 216, .85));
--grad-accent-soft: linear-gradient(90deg, rgba(127, 231, 255,
.22), rgba(123, 97, 255, .22), rgba(255, 79, 216, .22));
--grad-surface: linear-gradient(180deg, rgba(255, 255, 255, .08),
rgba(255, 255, 255, .02));
--grad-edge: linear-gradient(180deg, rgba(255, 255, 255, .18),
rgba(255, 255, 255, .02));

color-scheme: dark;
}

/* ===== 1) Base Reset ===== */
* {
  box-sizing: border-box;
}

html,
body {
  height: 100%;
}

body {
  margin: 0;
  font-family: var(--font-sans);
  line-height: 1.55;
  color: var(--ink-1);
  background:
    radial-gradient(1200px 700px at 75% 25%, rgba(255, 79, 216,
.14), transparent 60%),
    radial-gradient(900px 600px at 15% 70%, rgba(127, 231, 255,
.10), transparent 55%),
    radial-gradient(1100px 800px at 50% 50%, rgba(123, 97, 255,
.14), transparent 60%),
    linear-gradient(180deg, var(--bg-0), var(--bg-1) 50%, var(--bg-2));
  -webkit-font-smoothing: antialiased;
  -moz-osx-font-smoothing: grayscale;
}

img {
  max-width: 100%;
```

```
    height: auto;
}

a {
    color: inherit;
    text-decoration: none;
}

a:hover {
    text-decoration: underline;
    text-decoration-color: rgba(255, 255, 255, .25);
}

code,
pre {
    font-family: var(--font-mono);
}

::selection {
    background: rgba(123, 97, 255, .35);
    color: var(--ink-0);
}

hr {
    border: 0;
    height: 1px;
    background: linear-gradient(90deg, transparent, rgba(210, 185, 255, .25), transparent);
    margin: 18px 0;
}

/* ===== 2) Layout Helpers ===== */
.container {
    width: min(var(--page-max), calc(100% - 2*var(--pad-xl)));
    margin: 0 auto;
}

.stack {
    display: flex;
    flex-direction: column;
    gap: var(--pad-md);
}

.row {
    display: flex;
    gap: var(--pad-md);
    flex-wrap: wrap;
}
```

```
.center {
  display: grid;
  place-items: center;
}

.muted {
  color: var(--ink-2);
}

.small {
  font-size: 12px;
  color: var(--ink-2);
}

kbd {
  font-family: var(--font-mono);
  font-size: 12px;
  padding: 2px 8px;
  border-radius: 10px;
  background: rgba(255, 255, 255, .06);
  border: 1px solid rgba(255, 255, 255, .10);
  color: var(--ink-1);
}

/* ===== 3) Glass Surfaces ===== */
.glass {
  background: var(--panel);
  border: 1px solid var(--stroke-2);
  border-radius: var(--radius-lg);
  box-shadow: var(--shadow-md);
  backdrop-filter: blur(var(--blur));
  -webkit-backdrop-filter: blur(var(--blur));
}

.glass.soft {
  background: var(--panel-2);
  border-color: rgba(210, 185, 255, .14);
  box-shadow: var(--shadow-sm);
}

.glass.hard {
  background: var(--panel-3);
  border-color: rgba(255, 255, 255, .10);
}

.glass.edge-glow {
  position: relative;
  overflow: hidden;
}
```

```
.glass.edge-glow::before {
  content: "";
  position: absolute;
  inset: 0;
  border-radius: inherit;
  padding: 1px;
  background: var(--grad-accent-soft);
  -webkit-mask:
    linear-gradient(#000 0 0) content-box,
    linear-gradient(#000 0 0);
  -webkit-mask-composite: xor;
  mask-composite: exclude;
  opacity: .85;
  pointer-events: none;
}

.glass.edge-glow::after {
  content: "";
  position: absolute;
  inset: -40px -60px auto auto;
  width: 220px;
  height: 140px;
  background: radial-gradient(circle at 30% 30%, rgba(255, 79, 216, .22), transparent 70%);
  filter: blur(10px);
  opacity: .8;
  pointer-events: none;
}

/* ====== 4) App Shell (matches your UI screenshots) ===== */
.app {
  min-height: 100vh;
  display: grid;
  grid-template-columns: 260px 1fr;
  gap: var(--pad-lg);
  padding: var(--pad-xl);
}

.sidebar {
  padding: var(--pad-lg);
  border-radius: var(--radius-lg);
}

.sidebar.glass {
  background: rgba(16, 10, 40, .55);
}

.brand {
  display: flex;
  align-items: center;
```

```
        gap: 12px;
        padding: 8px 6px 18px;
    }

    .brand .logo {
        width: 34px;
        height: 34px;
        border-radius: 12px;
        background: var(--grad-accent);
        box-shadow: 0 10px 26px rgba(123, 97, 255, .28);
    }

    .brand .name {
        font-weight: 650;
        letter-spacing: .2px;
        color: var(--ink-0);
    }

    .nav {
        display: flex;
        flex-direction: column;
        gap: 6px;
        padding-top: 8px;
    }

    .nav a {
        display: flex;
        align-items: center;
        gap: 10px;
        padding: 10px 12px;
        border-radius: 12px;
        color: var(--ink-2);
        border: 1px solid transparent;
        background: transparent;
    }

    .nav a:hover {
        color: var(--ink-0);
        background: rgba(255, 255, 255, .04);
        border-color: rgba(255, 255, 255, .08);
    }

    .nav a.active {
        color: var(--ink-0);
        background: rgba(123, 97, 255, .14);
        border-color: rgba(123, 97, 255, .25);
        box-shadow: 0 10px 26px rgba(123, 97, 255, .12);
    }

    .nav .icon {
```

```
    width: 18px;
    height: 18px;
    opacity: .9;
}

.main {
    display: flex;
    flex-direction: column;
    gap: var(--pad-lg);
    min-width: 0;
}

.topbar {
    padding: 14px 16px;
    border-radius: var(--radius-lg);
    display: flex;
    align-items: center;
    gap: 12px;
    justify-content: space-between;
}

.search {
    flex: 1;
    max-width: 520px;
}

/* ===== 5) Typography ===== */
h1,
h2,
h3 {
    margin: 0;
    color: var(--ink-0);
    letter-spacing: .2px;
}

h1 {
    font-size: 30px;
    font-weight: 720;
}

h2 {
    font-size: 18px;
    font-weight: 680;
}

h3 {
    font-size: 15px;
    font-weight: 650;
}
```

```
p {
  margin: 0;
  color: var(--ink-1);
}

.lede {
  color: var(--ink-2);
  max-width: 72ch;
}

/* ===== 6) Buttons ===== */
.btn {
  appearance: none;
  border: 1px solid rgba(255, 255, 255, .12);
  background: rgba(255, 255, 255, .06);
  color: var(--ink-0);
  padding: 10px 14px;
  border-radius: 12px;
  font-weight: 600;
  letter-spacing: .2px;
  cursor: pointer;
  box-shadow: 0 10px 22px rgba(0, 0, 0, .22);
  backdrop-filter: blur(10px);
  -webkit-backdrop-filter: blur(10px);
  transition: transform .12s ease, border-color .12s ease,
background .12s ease, box-shadow .12s ease;
}

.btn:hover {
  background: rgba(255, 255, 255, .08);
  border-color: rgba(210, 185, 255, .22);
  box-shadow: 0 14px 30px rgba(0, 0, 0, .30);
}

.btn:active {
  transform: translateY(1px);
}

.btn.primary {
  border-color: rgba(123, 97, 255, .35);
  background: linear-gradient(90deg, rgba(123, 97, 255, .38),
rgba(255, 79, 216, .28));
}

.btn.primary:hover {
  border-color: rgba(255, 255, 255, .18);
  background: linear-gradient(90deg, rgba(127, 231, 255, .22),
rgba(123, 97, 255, .45), rgba(255, 79, 216, .34));
}
```

```
.btn.ghost {
  background: transparent;
  border-color: rgba(255, 255, 255, .10);
  box-shadow: none;
}

.btn.ghost:hover {
  background: rgba(255, 255, 255, .05);
  box-shadow: 0 10px 22px rgba(0, 0, 0, .18);
}

.btn.sm {
  padding: 8px 12px;
  border-radius: 11px;
  font-size: 13px;
}

.btn.lg {
  padding: 12px 16px;
  border-radius: 14px;
}

/* ===== 7) Inputs ===== */
.input,
input[type="text"],
input[type="search"],
input[type="email"],
input[type="password"],
textarea,
select {
  width: 100%;
  padding: 10px 12px;
  border-radius: 12px;
  border: 1px solid rgba(255, 255, 255, .12);
  background: rgba(255, 255, 255, .05);
  color: var(--ink-0);
  outline: none;
  box-shadow: inset 0 1px 0 rgba(255, 255, 255, .06);
}

input::placeholder,
textarea::placeholder {
  color: rgba(245, 243, 255, .45);
}

.input:focus,
input:focus,
textarea:focus,
select:focus {
  border-color: rgba(127, 231, 255, .30);
```

```
  box-shadow:
    0 0 0 3px rgba(123, 97, 255, .18),
    inset 0 1px 0 rgba(255, 255, 255, .06);
}

/* ===== 8) Cards / Tiles (Import grid look) ===== */
.grid {
  display: grid;
  gap: var(--pad-md);
}

.grid.cols-3 {
  grid-template-columns: repeat(3, minmax(0, 1fr));
}

.grid.cols-2 {
  grid-template-columns: repeat(2, minmax(0, 1fr));
}

.tile {
  border-radius: var(--radius-lg);
  padding: 18px;
  border: 1px solid rgba(255, 255, 255, .10);
  background: rgba(255, 255, 255, .04);
  box-shadow: var(--shadow-sm);
  backdrop-filter: blur(var(--blur));
  -webkit-backdrop-filter: blur(var(--blur));
  min-height: 110px;
  display: flex;
  align-items: center;
  justify-content: center;
  text-align: center;
  position: relative;
  overflow: hidden;
  transition: border-color .12s ease, background .12s ease,
  transform .12s ease, box-shadow .12s ease;
}

.tile:hover {
  border-color: rgba(255, 79, 216, .22);
  background: rgba(255, 255, 255, .05);
  box-shadow: 0 18px 44px rgba(0, 0, 0, .38);
  transform: translateY(-1px);
}

.tile.selected {
  border-color: rgba(255, 79, 216, .32);
  box-shadow: 0 0 0 3px rgba(255, 79, 216, .14), 0 18px 44px rgba(0, 0, 0, .42);
}
```

```
.tile::after {
  content: "";
  position: absolute;
  inset: auto -80px -90px auto;
  width: 260px;
  height: 200px;
  background: radial-gradient(circle at 30% 30%, rgba(127, 231, 255, .16), transparent 70%);
  filter: blur(10px);
  opacity: .8;
  pointer-events: none;
}

.tile .tile-title {
  font-weight: 650;
  color: var(--ink-0);
}

.tile .tile-sub {
  font-size: 12px;
  color: var(--ink-2);
}

/* ===== 9) Tables (Import mapping look) ===== */
.table-wrap {
  border-radius: var(--radius-lg);
  overflow: hidden;
  border: 1px solid rgba(255, 255, 255, .10);
  background: rgba(255, 255, 255, .03);
  backdrop-filter: blur(var(--blur));
  -webkit-backdrop-filter: blur(var(--blur));
}

table {
  width: 100%;
  border-collapse: collapse;
}

th,
td {
  text-align: left;
  padding: 12px 14px;
  border-bottom: 1px solid rgba(255, 255, 255, .08);
  color: var(--ink-1);
  vertical-align: top;
}

th {
  font-size: 12px;
```

```
letter-spacing: .24px;
text-transform: uppercase;
color: rgba(245, 243, 255, .72);
background: rgba(123, 97, 255, .10);
}

tr:nth-child(even) td {
    background: rgba(255, 255, 255, .02);
}

tr:hover td {
    background: rgba(255, 255, 255, .04);
}

/* ===== 10) Callouts ===== */
.callout {
    border-radius: var(--radius-md);
    padding: 12px 14px;
    border: 1px solid rgba(255, 255, 255, .12);
    background: rgba(255, 255, 255, .04);
}

.callout strong {
    color: var(--ink-0);
}

.callout.info {
    border-color: rgba(123, 97, 255, .24);
    background: rgba(123, 97, 255, .10);
}

.callout.ok {
    border-color: rgba(59, 232, 195, .26);
    background: rgba(59, 232, 195, .10);
}

.callout.warn {
    border-color: rgba(255, 181, 71, .28);
    background: rgba(255, 181, 71, .10);
}

.callout.danger {
    border-color: rgba(255, 90, 106, .28);
    background: rgba(255, 90, 106, .10);
}

/* ===== 11) Document Layout (formal docs) ===== */
.page {
    width: min(var(--page-max), calc(100% - 2*var(--pad-xl)));
}
```

```
    margin: 0 auto;
    padding: var(--pad-xl) 0;
}

.doc {
    padding: var(--pad-xl);
    border-radius: var(--radius-lg);
}

.doc.glass {
    background: rgba(16, 10, 40, .52);
}

.doc-header {
    padding-bottom: 16px;
    margin-bottom: 18px;
    border-bottom: 1px solid rgba(255, 255, 255, .10);
    position: relative;
}

.doc-header::after {
    content: "";
    position: absolute;
    left: 0;
    right: 0;
    bottom: -1px;
    height: 1px;
    background: var(--grad-accent-soft);
    opacity: .9;
}

.doc-title {
    font-size: 30px;
    font-weight: 700;
    margin: 0 0 6px 0;
    color: var(--ink-0);
}

.doc-subtitle {
    margin: 0;
    color: var(--ink-2);
    max-width: 80ch;
}

.doc-meta {
    display: flex;
    flex-wrap: wrap;
    gap: 10px 14px;
    margin-top: 14px;
    color: var(--ink-2);
```

```
    font-size: 13px;
}

.doc-meta .field {
  display: flex;
  gap: 8px;
  align-items: baseline;
  padding: 6px 10px;
  border-radius: 12px;
  border: 1px solid rgba(255, 255, 255, .10);
  background: rgba(255, 255, 255, .03);
}

.doc-meta .label {
  text-transform: uppercase;
  letter-spacing: .22px;
  font-size: 11px;
  color: rgba(245, 243, 255, .60);
}

.section {
  margin-top: 18px;
  padding: 16px 16px;
  border-radius: var(--radius-lg);
  border: 1px solid rgba(255, 255, 255, .10);
  background: rgba(255, 255, 255, .03);
}

.section-title {
  margin: 0 0 10px 0;
  font-size: 18px;
  font-weight: 720;
}

.section-title .n {
  color: rgba(127, 231, 255, .85);
  margin-right: 8px;
}

ul,
ol {
  margin: 10px 0 0 20px;
  padding: 0;
}

li {
  margin: 6px 0;
  color: var(--ink-1);
}
```

```
blockquote {
  margin: 12px 0 0;
  padding: 12px 14px;
  border-left: 3px solid rgba(123, 97, 255, .45);
  background: rgba(123, 97, 255, .08);
  border-radius: 12px;
  color: var(--ink-1);
}

pre {
  margin: 12px 0 0;
  padding: 12px 14px;
  border-radius: 14px;
  border: 1px solid rgba(255, 255, 255, .10);
  background: rgba(0, 0, 0, .25);
  overflow: auto;
  color: rgba(245, 243, 255, .92);
}

code {
  padding: 2px 6px;
  border-radius: 10px;
  background: rgba(0, 0, 0, .22);
  border: 1px solid rgba(255, 255, 255, .08);
  color: rgba(245, 243, 255, .92);
}

.doc-footer {
  margin-top: 18px;
  padding-top: 14px;
  border-top: 1px solid rgba(255, 255, 255, .10);
  color: var(--ink-3);
  font-size: 12px;
}

/* ===== 12) Responsive ===== */
@media (max-width: 980px) {
  .app {
    grid-template-columns: 1fr;
  }

  .grid.cols-3 {
    grid-template-columns: repeat(2, minmax(0, 1fr));
  }
}

@media (max-width: 640px) {

  .grid.cols-3,
  .grid.cols-2 {
```

```
        grid-template-columns: 1fr;
    }

    .page {
        width: calc(100% - 2*var(--pad-md));
    }

    .doc {
        padding: var(--pad-lg);
    }
}

/* ===== 13) Print (docs shouldn't print like a nightclub)
===== */
@media print {
    :root {
        color-scheme: light;
    }

    body {
        background: #FFFFFF !important;
        color: #111827 !important;
    }

    .glass,
    .doc,
    .section,
    .tile,
    .table-wrap,
    .topbar,
    .sidebar {
        background: #FFFFFF !important;
        border-color: #E5E7EB !important;
        box-shadow: none !important;
        backdrop-filter: none !important;
        -webkit-backdrop-filter: none !important;
        color: #111827 !important;
    }

    .muted,
    .small,
    .doc-subtitle,
    .doc-footer {
        color: #374151 !important;
    }

    a {
        text-decoration: underline;
        color: #111827 !important;
    }
}
```

```
.btn {  
  display: none !important;  
}  
}  
  
/* ===== 14) Timeline / Feed Components (matches your UI  
screenshots) ===== */  
  
.timeline {  
  display: flex;  
  flex-direction: column;  
  gap: 12px;  
}  
  
.day-divider {  
  display: flex;  
  align-items: baseline;  
  gap: 12px;  
  margin: 6px 0 2px;  
  color: var(--ink-0);  
}  
  
.day-divider .date {  
  font-weight: 720;  
  letter-spacing: .2px;  
}  
  
.day-divider .count {  
  font-size: 12px;  
  color: var(--ink-3);  
}  
  
.feed-card {  
  position: relative;  
  padding: 14px 14px;  
  border-radius: var(--radius-lg);  
  border: 1px solid rgba(255, 255, 255, .10);  
  background: rgba(255, 255, 255, .03);  
  box-shadow: var(--shadow-sm);  
  backdrop-filter: blur(var(--blur));  
  -webkit-backdrop-filter: blur(var(--blur));  
  overflow: hidden;  
  display: flex;  
  gap: 12px;  
  align-items: flex-start;  
  min-width: 0;  
}  
  
.feed-card:hover {
```

```
    border-color: rgba(210, 185, 255, .18);
    background: rgba(255, 255, 255, .04);
}

.feed-card::after {
    content: "";
    position: absolute;
    inset: auto -120px -120px auto;
    width: 320px;
    height: 260px;
    background: radial-gradient(circle at 30% 30%, rgba(255, 79, 216,
.14), transparent 70%);
    filter: blur(10px);
    opacity: .7;
    pointer-events: none;
}

.source-badge {
    flex: 0 0 auto;
    width: 38px;
    height: 38px;
    border-radius: 14px;
    border: 1px solid rgba(255, 255, 255, .12);
    background: rgba(255, 255, 255, .05);
    box-shadow: 0 10px 22px rgba(0, 0, 0, .22);
    display: grid;
    place-items: center;
}

.feed-body {
    min-width: 0;
    flex: 1;
}

.feed-top {
    display: flex;
    align-items: center;
    justify-content: space-between;
    gap: 12px;
    margin-bottom: 6px;
}

.feed-title {
    font-weight: 700;
    color: var(--ink-0);
    font-size: 14px;
}

.feed-time {
    font-size: 12px;
```

```
    color: var(--ink-3);
    white-space: nowrap;
}

.feed-text {
    color: var(--ink-1);
    font-size: 14px;
    overflow: hidden;
    text-overflow: ellipsis;
    display: -webkit-box;
    -webkit-line-clamp: 3;
    -webkit-box-orient: vertical;
}

/* little "chip row" like your provenance pills */
.pills {
    display: flex;
    flex-wrap: wrap;
    gap: 8px;
    margin-top: 10px;
}

.pill {
    display: inline-flex;
    align-items: center;
    gap: 8px;
    padding: 6px 10px;
    border-radius: 999px;
    border: 1px solid rgba(255, 255, 255, .10);
    background: rgba(255, 255, 255, .03);
    color: var(--ink-2);
    font-size: 12px;
}

.pill .dot {
    width: 8px;
    height: 8px;
    border-radius: 999px;
    background: rgba(255, 255, 255, .22);
}

.pill.accent {
    border-color: rgba(123, 97, 255, .25);
    background: rgba(123, 97, 255, .10);
    color: rgba(245, 243, 255, .86);
}

.pill.accent .dot {
    background: rgba(127, 231, 255, .70);
}
```

```
.pill.magenta .dot {
  background: rgba(255, 79, 216, .72);
}

.pill.cyan .dot {
  background: rgba(127, 231, 255, .72);
}

/* ===== 15) Two-Panel Layout (Timeline + Right rail like
Snashots/Provenance) ===== */

.split {
  display: grid;
  grid-template-columns: 1fr 360px;
  gap: var(--pad-lg);
  min-width: 0;
}

.rail {
  display: flex;
  flex-direction: column;
  gap: var(--pad-md);
  min-width: 0;
}

.panel {
  border-radius: var(--radius-lg);
  border: 1px solid rgba(255, 255, 255, .10);
  background: rgba(255, 255, 255, .03);
  box-shadow: var(--shadow-sm);
  backdrop-filter: blur(var(--blur));
  -webkit-backdrop-filter: blur(var(--blur));
  padding: 14px 14px;
  overflow: hidden;
}

.panel-title {
  display: flex;
  align-items: center;
  justify-content: space-between;
  gap: 12px;
  margin-bottom: 12px;
}

.panel-title h2 {
  font-size: 16px;
  font-weight: 740;
}
```

```
/* Snapshot preview cards (right rail) */
.snapshot-card {
  border-radius: 16px;
  border: 1px solid rgba(255, 255, 255, .10);
  background: rgba(255, 255, 255, .03);
  overflow: hidden;
}

.snapshot-card .thumb {
  height: 120px;
  background:
    linear-gradient(180deg, rgba(255, 255, 255, .07), rgba(255, 255, 255, .02)),
    radial-gradient(360px 180px at 75% 25%, rgba(255, 79, 216, .18), transparent 60%),
    radial-gradient(340px 170px at 15% 70%, rgba(127, 231, 255, .12), transparent 60%);
  border-bottom: 1px solid rgba(255, 255, 255, .08);
}

.snapshot-card .meta {
  padding: 10px 12px;
  color: var(--ink-2);
  font-size: 12px;
}

/* ===== 16) Progress + Loading (calm, premium) ===== */

.progress {
  width: 100%;
  height: 6px;
  border-radius: 999px;
  background: rgba(255, 255, 255, .06);
  border: 1px solid rgba(255, 255, 255, .10);
  overflow: hidden;
}

.progress>span {
  display: block;
  height: 100%;
  width: var(--progress, 40%);
  border-radius: 999px;
  background: var(--grad-accent);
  box-shadow: 0 0 0 2px rgba(0, 0, 0, .15) inset, 0 10px 26px rgba(123, 97, 255, .18);
}

.loading-dots {
  display: inline-flex;
```

```
    gap: 6px;
    align-items: center;
}

.loading-dots span {
    width: 6px;
    height: 6px;
    border-radius: 999px;
    background: rgba(245, 243, 255, .38);
    animation: pulse 1.25s infinite ease-in-out;
}

.loading-dots span:nth-child(2) {
    animation-delay: .15s;
}

.loading-dots span:nth-child(3) {
    animation-delay: .30s;
}

@keyframes pulse {
    0%,
    100% {
        transform: translateY(0);
        opacity: .45;
    }
    50% {
        transform: translateY(-2px);
        opacity: .95;
    }
}

/* ===== 17) Modal / Dialog (for imports, mapping, confirmations)
===== */

.backdrop {
    position: fixed;
    inset: 0;
    background: rgba(2, 1, 12, .65);
    backdrop-filter: blur(10px);
    -webkit-backdrop-filter: blur(10px);
    display: grid;
    place-items: center;
    padding: 20px;
    z-index: 50;
}
```

```
.modal {  
  width: min(720px, 100%);  
  border-radius: 20px;  
  border: 1px solid rgba(255, 255, 255, .12);  
  background: rgba(16, 10, 40, .70);  
  box-shadow: var(--shadow-lg);  
  backdrop-filter: blur(22px);  
  -webkit-backdrop-filter: blur(22px);  
  overflow: hidden;  
}  
  
.modal-header {  
  padding: 16px 18px;  
  border-bottom: 1px solid rgba(255, 255, 255, .10);  
  display: flex;  
  align-items: center;  
  justify-content: space-between;  
  gap: 12px;  
}  
  
.modal-title {  
  font-weight: 700;  
  color: var(--ink-0);  
}  
  
.modal-body {  
  padding: 16px 18px;  
}  
  
.modal-footer {  
  padding: 14px 18px;  
  border-top: 1px solid rgba(255, 255, 255, .10);  
  display: flex;  
  justify-content: flex-end;  
  gap: 10px;  
}  
  
/* ===== 18) Subtle “Cosmic Dust” Background Layer (optional  
utility) ===== */  
  
.cosmic {  
  position: relative;  
  overflow: hidden;  
}  
  
.cosmic::before {  
  content: "";  
  position: absolute;  
  inset: -120px;  
  background:
```

```
        radial-gradient(circle at 20% 30%, rgba(255, 255, 255, .08) 0
1px, transparent 2px) 0 0/ 90px 90px,
        radial-gradient(circle at 70% 60%, rgba(255, 255, 255, .06) 0
1px, transparent 2px) 0 0/ 120px 120px;
    opacity: .35;
    filter: blur(.2px);
    pointer-events: none;
}

.cosmic::after {
    content: "";
    position: absolute;
    inset: -140px;
    background:
        radial-gradient(900px 420px at 75% 35%, rgba(255, 79, 216,
.12), transparent 65%),
        radial-gradient(820px 520px at 15% 70%, rgba(127, 231, 255,
.08), transparent 65%);
    opacity: .7;
    pointer-events: none;
}

/* ===== 19) Responsive for Split ===== */
@media (max-width: 980px) {
    .split {
        grid-template-columns: 1fr;
    }

    .rail {
        order: 2;
    }
}

/* ===== 20) Icons / Avatars / Badges ===== */

.avatar {
    width: 34px;
    height: 34px;
    border-radius: 999px;
    border: 1px solid rgba(255, 255, 255, .14);
    background:
        radial-gradient(circle at 30% 30%, rgba(127, 231, 255, .30),
transparent 60%),
        radial-gradient(circle at 70% 40%, rgba(255, 79, 216, .22),
transparent 62%),
        rgba(255, 255, 255, .04);
    box-shadow: 0 12px 26px rgba(0, 0, 0, .25);
    display: grid;
    place-items: center;
    color: var(--ink-0);
```

```
    font-weight: 750;
    letter-spacing: .4px;
    font-size: 12px;
}

.badge {
    display: inline-flex;
    align-items: center;
    gap: 8px;
    padding: 6px 10px;
    border-radius: 999px;
    border: 1px solid rgba(255, 255, 255, .12);
    background: rgba(255, 255, 255, .04);
    color: var(--ink-1);
    font-size: 12px;
}

.badge .dot {
    width: 8px;
    height: 8px;
    border-radius: 999px;
    background: rgba(255, 255, 255, .22);
}

.badge.accent {
    border-color: rgba(123, 97, 255, .25);
    background: rgba(123, 97, 255, .12);
}

.badge.accent .dot {
    background: rgba(127, 231, 255, .75);
}

.badge.ok {
    border-color: rgba(59, 232, 195, .25);
    background: rgba(59, 232, 195, .10);
}

.badge.ok .dot {
    background: rgba(59, 232, 195, .75);
}

.badge.warn {
    border-color: rgba(255, 181, 71, .26);
    background: rgba(255, 181, 71, .10);
}

.badge.warn .dot {
    background: rgba(255, 181, 71, .78);
}
```

```
.badge.danger {
  border-color: rgba(255, 90, 106, .26);
  background: rgba(255, 90, 106, .10);
}

.badge.danger .dot {
  background: rgba(255, 90, 106, .78);
}

/* Tiny icon button (top-right controls) */
.icon-btn {
  width: 34px;
  height: 34px;
  border-radius: 12px;
  border: 1px solid rgba(255, 255, 255, .12);
  background: rgba(255, 255, 255, .04);
  color: rgba(245, 243, 255, .82);
  display: grid;
  place-items: center;
  cursor: pointer;
  transition: background .12s ease, border-color .12s ease,
  transform .12s ease;
}

.icon-btn:hover {
  background: rgba(255, 255, 255, .06);
  border-color: rgba(210, 185, 255, .18);
}

.icon-btn:active {
  transform: translateY(1px);
}

/* ===== 21) Tabs / Segmented Controls ===== */

.tabs {
  display: flex;
  gap: 8px;
  padding: 6px;
  border-radius: 16px;
  border: 1px solid rgba(255, 255, 255, .10);
  background: rgba(255, 255, 255, .03);
  backdrop-filter: blur(14px);
  -webkit-backdrop-filter: blur(14px);
  width: fit-content;
}

.tab {
  padding: 8px 12px;
```

```
border-radius: 12px;
border: 1px solid transparent;
background: transparent;
color: var(--ink-2);
font-weight: 650;
cursor: pointer;
}

.tab:hover {
  color: var(--ink-0);
  background: rgba(255, 255, 255, .04);
  border-color: rgba(255, 255, 255, .08);
}

.tab.active {
  color: var(--ink-0);
  background: rgba(123, 97, 255, .16);
  border-color: rgba(123, 97, 255, .26);
  box-shadow: 0 10px 22px rgba(123, 97, 255, .12);
}

/* ===== 22) "Inspector" / Right Details Panel (Provenance / Related) ===== */

.inspector {
  display: flex;
  flex-direction: column;
  gap: 12px;
}

.kv {
  display: grid;
  grid-template-columns: 1fr;
  gap: 8px;
}

.kv-row {
  display: flex;
  align-items: center;
  justify-content: space-between;
  gap: 12px;
  padding: 10px 12px;
  border-radius: 14px;
  border: 1px solid rgba(255, 255, 255, .10);
  background: rgba(255, 255, 255, .03);
}

.kv-row .k {
  color: var(--ink-2);
  font-size: 13px;
```

```
}

.kv-row .v {
    color: var(--ink-0);
    font-weight: 650;
    font-size: 13px;
}

/* Related cards (like "janedoe123" preview) */
.related-card {
    display: flex;
    gap: 12px;
    align-items: flex-start;
    padding: 12px 12px;
    border-radius: 16px;
    border: 1px solid rgba(255, 255, 255, .10);
    background: rgba(255, 255, 255, .03);
}

.related-card .who {
    font-weight: 720;
    color: var(--ink-0);
    font-size: 13px;
}

.related-card .what {
    color: var(--ink-2);
    font-size: 12px;
    margin-top: 2px;
}

/* ===== 23) Checklist / Mapping UI (like import mapping)
===== */

.checklist {
    display: flex;
    flex-direction: column;
    gap: 10px;
}

.check {
    display: flex;
    align-items: center;
    gap: 10px;
    padding: 10px 12px;
    border-radius: 14px;
    border: 1px solid rgba(255, 255, 255, .10);
    background: rgba(255, 255, 255, .03);
}
```

```
.check input[type="checkbox"] {
  width: 16px;
  height: 16px;
  accent-color: var(--violet);
}

.check .label {
  color: var(--ink-1);
  font-weight: 650;
  font-size: 13px;
}

.check .hint {
  margin-left: auto;
  color: var(--ink-3);
  font-size: 12px;
}

/* Status banner "Parsing in progress..." */
.banner {
  padding: 12px 14px;
  border-radius: 16px;
  border: 1px solid rgba(255, 255, 255, .12);
  background: rgba(255, 255, 255, .04);
  display: flex;
  align-items: center;
  gap: 10px;
}

.banner .icon {
  width: 18px;
  height: 18px;
  border-radius: 8px;
  background: rgba(255, 255, 255, .06);
  border: 1px solid rgba(255, 255, 255, .10);
}

.banner .text {
  color: var(--ink-1);
  font-weight: 650;
}

.banner.progressing {
  border-color: rgba(255, 79, 216, .18);
  background: rgba(255, 79, 216, .08);
}

.banner.progressing .icon {
  background: rgba(255, 79, 216, .18);
  border-color: rgba(255, 79, 216, .22);
```

```
}

/* ====== 24) Toasts / Notifications ===== */

.toast-wrap {
  position: fixed;
  right: 18px;
  bottom: 18px;
  display: flex;
  flex-direction: column;
  gap: 10px;
  z-index: 60;
}

.toast {
  width: min(380px, calc(100vw - 36px));
  padding: 12px 14px;
  border-radius: 16px;
  border: 1px solid rgba(255, 255, 255, .12);
  background: rgba(16, 10, 40, .75);
  box-shadow: var(--shadow-lg);
  backdrop-filter: blur(18px);
  -webkit-backdrop-filter: blur(18px);
}

.toast .title {
  font-weight: 700;
  color: var(--ink-0);
  margin-bottom: 2px;
}

.toast .msg {
  color: var(--ink-2);
  font-size: 13px;
}

.toast.ok {
  border-color: rgba(59, 232, 195, .26);
}

.toast.warn {
  border-color: rgba(255, 181, 71, .26);
}

.toast.danger {
  border-color: rgba(255, 90, 106, .26);
}

/* ====== 25) Accessibility Tweaks (readability without ruining
```

```
the vibe) ===== */

:focus-visible {
  outline: 2px solid rgba(127, 231, 255, .55);
  outline-offset: 3px;
  border-radius: 12px;
}

@media (prefers-reduced-motion: reduce) {
  * {
    animation-duration: .01ms !important;
    animation-iteration-count: 1 !important;
    transition-duration: .01ms !important;
    scroll-behavior: auto !important;
  }
}

/* ===== 26) Optional "Hero" Title Treatment (matches big center titles) ===== */

.hero {
  text-align: center;
  padding: 28px 18px;
}

.hero h1 {
  font-size: 34px;
  font-weight: 780;
  margin: 0 0 10px;
}

.hero .lede {
  margin: 0 auto;
  max-width: 74ch;
  color: rgba(245, 243, 255, .70);
}

.hero .rule {
  width: 220px;
  height: 2px;
  margin: 18px auto 0;
  border-radius: 999px;
  background: var(--grad-accent-soft);
}

/* ===== 27) Final responsive touches ===== */

@media (max-width: 860px) {
  .app {
    padding: var(--pad-lg);
    gap: var(--pad-md);
```

```

        }

.topbar {
    flex-wrap: wrap;
}

.search {
    max-width: 100%;
}

```

FILE: docs/02 DESIGN/DESIGN_SYSTEM/TOKENS.md

Design Tokens

This document serves as the master dictionary for the **Nebula** v2.0 design tokens. These tokens are implemented as CSS Custom Properties (`:root`) in `theme.css`.

1. Typography

Token	CSS Variable	Value Reference
Sans	--font-sans	Inter, system-ui
Mono	--font-mono	JetBrains Mono, monospace
Size XS	--text-xs	12-14px (Fluid)
Size SM	--text-sm	14-16px (Fluid)
Size Base	--text-base	16-18px (Fluid)
Size LG	--text-lg	18-20px (Fluid)
Size XL	--text-xl	20-24px (Fluid)
Size 2XL	--text-2xl	24-32px (Fluid)
Size 3XL	--text-3xl	30-40px (Fluid)
Size 4XL	--text-4xl	36-48px (Fluid)

2. Color Semantic Roles

See `COLOR_SYSTEM.md` for detailed palettes.

Token	Role
--ink-0	High Emphasis Text (Headings)
--ink-1	Medium Emphasis Text (Body)
--ink-2	Low Emphasis Text (Muted)
--ink-3	Decorative Text (Subtle)

Token	Role
--panel	Base Layer (Sidebar, App Background)
--panel-2	Surface Layer (Cards)
--panel-3	Top Layer (Modals, Popovers)
--stroke	Border Color
--hairline	Subtle Inner Border

3. Brand Accents

Token	Color	Usage
--violet	Violet	Primary Action
--cyan	Cyan	Information, Focus
--magenta	Magenta	Creative, AI
--ok	Mint Green	Success
--warn	Amber	Warning
--danger	Red	Error/Destructive

4. Geometry & Effects

Radii

- --radius-sm: 10px (Inner elements)
- --radius-md: 14px (Buttons, Inputs)
- --radius-lg: 20px (Cards, Modals)

Blur

- --blur: 24px (Standard backdrop blur)

Shadows

- --shadow-lg: Deep elevation shadow + inset highlight.
- --shadow-glow: Colored diffusion.

Animation Easings

- --ease-out: General transitions.
- --ease-squish: Button interactions.
- --ease-elastic: Bouncy reveals.

5. Textures & Gradients

- --noise: SVG Turbulence filter for texture.
- --grad-accent: Cyan → Violet → Magenta.
- --grad-sheen: Subtle glass reflection.

FILE: docs/02_DESIGN/DESIGN_SYSTEM/TYPOGRAPHY.md

Typography System

- **Headings:** Outfit (Geometric Sans) - Medium weight for H1-H3.
- **Body:** Inter (Standard Sans) - Regular for general copy.
- **Monospace:** JetBrains Mono - Used for Citation IDs and technical metadata.

Sizing (Modular Scale 1.25)

- **H1:** 48px / 3rem
 - **H2:** 36px / 2.25rem
 - **H3:** 24px / 1.5rem
 - **Body:** 16px / 1rem
 - **Caption:** 12px / 0.75rem
-

FILE: docs/02_DESIGN/IA/INFORMATION_ARCHITECTURE.md

Information Architecture — Memoir.ai

The structural organization of the Memoir.ai local ecosystem.

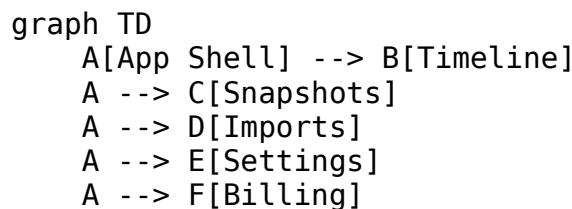
1. Global Hierarchy

- **Library (Vault):** The top-level container for all data and configuration.
 - **Timeline:** The chronological index of all Events.
 - **People:** The resolved entity graph of Participants.
 - **Drafts:** The library of Narratives and Snapshots.
 - **Sources:** The collection of DataSources and ImportJobs.

2. Logical Grouping

- **Core Experience:** Timeline, Search, Event View.
- **Intelligence Layer:** Generation, Verification, Relationship Analytics.
- **Data Management:** Ingestion, Validation, Storage, Export.
- **Commercials:** Subscriptions, Usage Metering, Billing.

3. IA Visual Map (High Level)



```
B --> G[Event Details]
B --> H[Search Results]
C --> I[Editor]
C --> J[Archives]
D --> K[Source Manager]
D --> L[Import Wizard]
```

FILE: docs/02_DESIGN/IA/NAV_MODEL.md

Navigation Model — Memoir.ai

Defines how users move through the Memoir.ai application.

1. Primary Sidebar Navigation

- **Top 5 Priority Tabs:**
 1. **Home:** Dashboard overviews.
 2. **Timeline:** The master feed.
 3. **Snapshots:** Narrative creation.
 4. **Imports:** Data ingestion.
 5. **Settings:** Configuration.

2. Modal & Contextual Flows

- **Modal Overlays:** Used for destructive actions (Delete Vault), complex configuration (Import Wizard), and deep event inspection.
- **Inspectors:** Right-side drawers for metadata without losing timeline context.

3. Back-Navigation Strategy

- The app maintains a session-level history stack.
- Deep links (e.g., clicking a citation in a snapshot) push the timeline view to the stack, allowing a "Back" button to return the user to their writing.

4. Command Palette (Cmd+K)

- Quick access to all primary routes.
 - Recent search history and specific friend profiles.
-

FILE: docs/02_DESIGN/IA/ROUTES_MAP.md

Routes Map — Memoir.ai

Internal application routing structure (React Router / Electron IPC).

1. Core Endpoints

- /app/home: Dashboard & Widgets.
- /app/timeline: Master Feed.
- /app/timeline/event/:id: Deep link to specific memory.
- /app/snapshots: Library of narratives.
- /app/snapshots/new: Wizard for generation.
- /app/snapshots/edit/:id: Detailed editor.
- /app/imports: Active & Past jobs.
- /app/imports/wizard: Multi-step ingestion flow.
- /app/billing: Plans & Payments.
- /app/settings/:tab: Tabbed config (vault, privacy, etc.).

2. Protected Routes

- All /app/* routes require an unlocked vault status.
- /auth/login: The lock screen.
- /auth/onboarding: Initial setup flow.

3. Deep Linking Parameters

- ?t=timestamp: Scroll to specific time.
 - ?q=query: Pre-filled search state.
 - ?source=id: Filter results by specific source.
-

FILE: docs/02_DESIGN/UX_SPECS/SCREEN_INDEX.md

Screen Spec Index

Mapping all application states to their technical documentation.

Screen	Spec Path	Status
App Shell	APP_SHELL.md	COMPLETE
Auth	AUTH_LOGIN.md	COMPLETE
Timeline	TIMELINE.md	COMPLETE
Snapshots	SNAPSHOTS.md	COMPLETE
Billing	BILLING.md	COMPLETE

FILE:

docs/02 DESIGN/UX_SPECS/SCREEN_SPECS/APP_SHELL.md

Screen Spec: App Shell

The App Shell provides the persistent layout and navigation framework for Memoir.ai.

1. Layout Zones

- **Sidebar (Left):** Primary navigation links (Timeline, Snapshots, Imports, Settings, Billing). Includes the vault status indicator.
- **Topbar:** Persistent search bar, active job progress indicator (Job Runner), and user profile/vault selector.
- **Main Content:** Dynamic area for screen-specific content.
- **Status Bar (Bottom):** Local database health, last sync time, and "Offline-first" confirmation.

2. Interactive Components

- **Nav Links:** Active state highlighted with "Nebula" Glow (Cyan/Violet gradient).
- **Search Bar:** Expands on focus. Supports command palette triggers (Cmd+K).
- **Sync Badge:** Pulses during active background parsing.

3. Transitions

- Main content area uses a soft 200ms opacity fade between routes.
- Sidebar collapses/expands with a smooth width transition.

4. States

- **Locked:** Main content is blurred; persistent overlay for vault passphrase entry.
 - **Processing:** Global progress bar appears at the top of the content area.
-

FILE:

docs/02 DESIGN/UX_SPECS/SCREEN_SPECS/AUTH_LOGIN.md

Screen Spec: Auth Login

The primary gateway for unlocking an existing local vault.

1. Visual Design

- **Background:** Dark Nebula gradient (Violet to Deep Space Black).
- **Center Card:** Glassmorphic container with 20% opacity and subtle border glow.
- **Identity:** Large Memoir.ai logo with "Cinematic Precision" tagline.

2. Components

- **Vault Path Display:** Shows the location of the detected .sqlite file.
- **Passphrase Input:** Secure text entry with a "Nebula" focus ring.
- **Unlock Button:** Primary action. Glows stronger on hover.
- **"Forgot Passphrase" link:** Directs user to the "Lost Key" warning document.

3. Interaction

- On successful unlock, the card slides upward and fades out.
- On failure, a subtle vibration animation and a "Nebula Red" error message appear.

4. Error States

- **Invalid Key:** "Incorrect passphrase. Please try again or restore from backup."
 - **Vault Missing:** "No vault found at this location. Connect or create one."
-

FILE:

docs/02_DESIGN/UX_SPECS/SCREEN_SPECS/AUTH_SIGNUP.md

Screen Spec: Auth Signup (Vault Creation)

The onboarding flow for creating a new local-first library.

1. Visual Design

- **Progress Stepper:** Horizontal dots at the top (Philosophy -> Location -> Security -> Finish).
- **Nebula Accents:** Dynamic light beams that guide the eye to the primary action.

2. Components

- **Directory Picker:** Native OS folder selection button.
- **Passphrase Creation:**
 - Input field with visibility toggle.
 - Strength meter (Weak/Moderate/Strong/Cinematic).
 - Confirmation field.
- **"Start Journey" Button:** Disabled until passphrase matches and meets "Strong" criteria.

3. User Guidance

- Inline alerts explaining that Memoir.ai cannot recover lost passwords.
- Privacy badges confirming "100% On-Device Processing".

4. States

- **Creating...:** Shimmering progress bar while folders and DB files are initialized.

- **Success:** Confetti-like Nebula particles and immediate transition to the Import Wizard.
-

FILE: docs/02_DESIGN/UX_SPECS/SCREEN_SPECS/BILLING.md

Screen Spec: Billing

Manage subscriptions, payment methods, and usage limits with premium cinematic clarity.

1. Primary Components

- **Plan Summary Card:** A glassmorphic panel showing the current active tier (Free/Pro/Cinematic).
- **Stripe Pricing Table:** Three-column view (Solo, Pro, Team - as per market spec) with feature comparisons.
- **Usage Metrics:** Radial charts showing AI snapshot tokens consumed and storage used.
- **Invoice History:** A clean list with Download PDF actions.

2. Interaction Flows

- **Upgrade:** Clicking "Upgrade" opens the Stripe Checkout in a secure modal/redirect.
- **Cancellation:** A multi-step retention flow ("Why are you leaving?") with a clear confirmation action.

3. Visual States

- **Trial Active:** A persistent banner at the bottom showing "! 5 days remaining in your pro trial".
- **Payment Failed:** Red glow intensity increases on the card; "Update Payment Method" button pulses.

4. States

- **Loading:** Skeleton loaders for the pricing cards (shimmering violet).
 - **Empty:** Default to Free Tier layout if no subscription is detected.
-

FILE: docs/02_DESIGN/UX_SPECS/SCREEN_SPECS/IMPORTS.md

Screen Spec: Imports (Wizard)

The high-stakes flow for ingesting archives into the vault.

1. Components

- **Source Grid:** Interactive cards for iMessage, WhatsApp, Instagram, etc.

- **Path Validator:** A text input with a real-time check mark (Green for valid, Red for invalid path).
- **Import Queue:** A list of pending/active/completed jobs with progress percentages.
- **Log Viewer:** An expandable panel showing real-time parser output.

2. Interaction

- **Drag & Drop:** Users can drop .db or .zip files directly onto the source cards.
- **Deep Diagnostics:** Clicking a failed job reveals the specific line/record that caused the error.

3. Visual Feedback

- **Job Pulse:** Active jobs have a circular progress bar with a secondary "Pulse" animation to show compute activity.
- **Success Confetti:** Subtle violet particles when an archive is fully indexed.

4. States

- **Validating:** Small spinner next to the file path.
 - **Partial Success:** Orange warning icon; "98% Ingested - 2 records skipped".
-

FILE:

docs/02_DESIGN/UX_SPECS/SCREEN_SPECS/LIBRARY_HOME.md

Screen Spec: Library Home

The high-level dashboard for your digital history health.

1. Dashboard Widgets

- **Total Memories Count:** Animated counter for every unique normalized event.
- **Source Health:** Grid showing connectivity and sync status for all imported channels.
- **Recent Snapshots:** A carousel of the latest 3 AI-generated narratives.
- **Relationship Radar:** A visualization of the most frequent communication partners.

2. Layout

- Split view: Statistics on the left, "Quick Actions" (Import, Build Snapshot, Search) on the right.

3. Navigation

- One-click access to the full **Unified Timeline** or specific **Source Settings**.

4. States

- **Fresh Vault:** "Your history is empty. Start your first import." with a large central CTA.
 - **Syncing:** Widgets have a "Back-Syncing" overlay to show that data is currently being updated.
-

FILE: docs/02 DESIGN/UX_SPECS/SCREEN_SPECS/SETTINGS.md

Screen Spec: Settings

Comprehensive configuration for the local backend and UI.

1. Tabbed Navigation

- **General:** Theme (Dark/Light/Nebula), Language, Startup behavior.
- **Vault:** Path management, Re-encryption/Passphrase change, Data Wipe.
- **Privacy:** Local analytics toggle, Sensitive content filters, AI guardrail intensity.
- **Advanced:** Index rebuilding, Log levels, Storage optimization.

2. Components

- **Switch Toggles:** Cinematic glow on active state.
- **Destructive Buttons:** "Wipe Vault" is highlighted in a distinct "Warning Red" with a confirmation delay.
- **Path Display:** Non-editable field with a "Browse" button.

3. Feedback

- Immediate "Saved" toast notification for non-critical changes.
- Modal confirmation for changes requiring a vault restart.

4. States

- **Repairing:** Settings are disabled; progress bar shows index rebuild status.
 - **Disconnected:** Warning banner if the vault path is no longer available.
-

FILE:

docs/02 DESIGN/UX_SPECS/SCREEN_SPECS/SNAPSHOTS.md

Screen Spec: Snapshots (Drafting & Archives)

The creative suite for managing on-device AI narratives.

1. Components

- **Draft Editor:** A rich-text editor with "Nebula" inspired glassmorphic toolbar.
- **Citation Sidebar:** A permanent panel on the right that displays the source evidence corresponding to the highlighted text.
- **Version History:** A vertical list of previously generated drafts with "Revert" and "Compare" actions.
- **Generation Controls:** Tone slider (Clinical <-> Lyrical), Length selector, and "Regenerate" button.

2. Interaction

- **Citation Hover:** Hovering over a citation bubble in the text highlights the linked event in the sidebar.
- **Live Verification:** As the user edits, the system performs real-time checks to see if claims still align with cited evidence.

3. Visual Style

- **Focus Mode:** Collapses the sidebar and topbar to provide a cinematic, distraction-free writing experience.
- **Unverified Tags:** Sentences lacking citations are marked with a subtle "Nebula Red" dotted underline.

4. States

- **Generating:** A central "Brain" icon pulses with violet light beams while the local model runs.
 - **Empty:** "No narratives yet. Choose a time range from the timeline to begin."
-

FILE: docs/02_DESIGN/UX_SPECS/SCREEN_SPECS/TIMELINE.md

Screen Spec: Timeline (Master Feed)

The core analytical view of the unified digital history.

1. Primary Components

- **Infinite Feed:** A vertical stream of events with "Smart Date" headers.
- **Event Cards:** Condensed views for messages, photos, and posts. Includes source icons and participant avatars.
- **Timeline Ruler:** A right-side vertical axis allowing users to scrub through years/months rapidly.
- **Filter Bar:** Facet selection (People, Source, Type, Date Range).

2. Conversation Viewer (Modal)

- Clicking a message expands a thread view.
- **Thread Linkage:** Reconstructs replies even if they occurred across multiple sources (e.g., iMessage and WhatsApp merge).

3. Visual Polish

- **Event Clustering:** Consecutive messages from the same person are grouped visually to reduce clutter.
- **Media Previews:** High-quality thumbnails with a cinematic blur-in effect on scroll.

4. States

- **No Results:** A "Galaxy" themed empty state with a "Clear Filters" button.
 - **Deep Loading:** Shimmer effect on cards when fetching large blocks from the encrypted database.
-

FILE: docs/02 DESIGN/A11Y/CONTRAST_RULES.md

Contrast Rules: Nebula Theme

Ensuring readability across the cinematic Violet/Cyan/Magenta palette.

1. Core Backgrounds

- **Primary Background:** #0A0118 (Deep Space Violet).
- **Glass Panel:** rgba(255, 255, 255, 0.05) with backdrop-filter: blur(12px).

2. Text vs. Background Ratios (WCAG AA)

Element Type	Hex Code	Background Hex	Ratio	Status
Primary Body	#F1F1F1	#0A0118	15.8:1	PASS
Secondary/ Caption	#B0A6C1	#0A0118	8.2:1	PASS
Cyan Accent	#00F2FF	#0A0118	9.5:1	PASS
Magenta Highlight	#FF00D4	#0A0118	4.8:1	PASS

3. Interaction Contrasts

- **Active Nav Icons:** Must use Cyan (#00F2FF) to ensure distinction from inactive state.
- **Error States:** Use a vibrant Red (#FF3B30) with a glow effect, ensuring $\geq 4.5:1$ against the dark background.

- **Focus Rings:** Standardised to 2px solid Cyan with 4px outer violet glow.

4. Visualization Rules

- Graphs and charts must use contrasting textures or patterns in addition to color to distinguish data series.
-

FILE: docs/02_DESIGN/A11Y/KEYBOARD_NAV_SPEC.md

Keyboard Navigation Specification

Comprehensive physical interaction mappings for Memoir.ai.

1. Global Shortcuts

- Cmd+K / Ctrl+K: Open Command Palette / Global Search.
- Cmd+,: Open Settings.
- Esc: Close any active Modal or Inspector.
- Alt+T: Jump to Timeline.
- Alt+S: Jump to Snapshots.

2. Timeline Interaction

- J: Scroll down one event.
- K: Scroll up one event.
- Enter: Open Conversation Viewer for selected message.
- Space: Preview media element.

3. Snapshot Editor

- Cmd+S: Save local draft.
- Cmd+R: Trigger "Regenerate" job for selected paragraph.
- Tab: Cycle between Editor and Citation Sidebar.

4. Focus Standards

- **Trap Focus:** Modals (like the Import Wizard) MUST trap keyboard focus until closed or canceled.
 - **Semantic Order:** Navigation follows the physical layout (Topbar -> Sidebar -> Content -> Status).
-

FILE: docs/02_DESIGN/A11Y/WCAG_CHECKLIST.md

WCAG 2.1 Checklist (Memoir.ai)

Internal audit tool for ensuring AA compliance on-device.

1. Perceivable

- Text Alternatives:** All media (photos, icons) have descriptive alt text.
- Adaptable:** Vault status and job progress are detectable by screen readers.
- Distinguishable:** "Nebula" color contrast meets AA targets (verified in CONTRAST_RULES.md).

2. Operable

- Keyboard Accessible:** All functionality available via keys (verified in KEYBOARD_NAV_SPEC.md).
- Enough Time:** Passphrase entry and wizards have no time-outs that destroy progress.
- Navigation:** Clear page titles and focus indicators.

3. Understandable

- Readable:** Language set correctly in HTML lang attribute.
- Predictable:** Navigation sidebar remains in a fixed position.
- Input Assistance:** Form errors (in Settings/Auth) are clearly labeled with suggestions for correction.

4. Robust

- Parsing:** HTML tags are used semantically and correctly closed.
 - Compatible:** UI components use standard ARIA roles for compatibility with VoiceOver/NVDA.
-