

PROTOTYPE

Component & State Specs

Written by someone who's had to build from bad specs

Ten components, every state, every spacing value, and what happens when things go wrong. The states nobody specifies are the states that ship broken — so anything not in here is a bug, not a choice.

PROJECT

Organic Life

PHASE

Phase 5 — Developer
Handoff

VERSION

1.0

PREPARED BY

Tauseef Abbas

Written by someone who has had to build from bad specs

This document exists so that no developer has to guess. Every component lists its states, its spacing logic, its behaviour, and what it does when things go wrong – because the states nobody specifies are the states that ship broken.

TOKEN REFERENCE

All values below reference the Organic Life design tokens defined in Design System Foundations. Spacing is an 8px base grid; every value is a multiple of 8 unless explicitly noted.

Component inventory

#	COMPONENT	PRIORITY	APPEARS IN
C1	Hero input	P0	Home hero
C2	Symptom chip	P0	Home hero
C3	Conversation turn – user	P0	Conversation view
C4	Conversation turn – Saad	P0	Conversation view
C5	Product recommendation card	P0	Conversation view
C6	Practitioner card	P0	Conversation view
C7	Primary CTA button	P0	Cards, product pages
C8	Skeleton / loading block	P0	Conversation view
C9	Error recovery block	P1	Conversation view
C10	Header navigation	P1	All pages

C1·Hero input

PROPERTY	SPECIFICATION
Element	Multiline textarea, auto-growing — not a single-line input
Min height	56px (one line + padding)
Max height	168px, then internal scroll
Padding	space-3 (16px) all sides
Radius	radius-xl (24px)
Type	Body large, 18px / 1.7
Placeholder	Roman Urdu by default; never a language instruction
Max length	None enforced. No character counter.

STATES

STATE	TREATMENT
Default	1px border-colour border, white background
Hover	Border darkens one step; cursor text
Focus	shadow-focus ring, 3px green tint. Ring must be visible on keyboard focus.
Filled	Submit affordance becomes enabled and visually active
Submitting	Remains enabled and editable. Never disabled.
Error	No inline error state exists. Input problems are handled as conversation turns.

BEHAVIOUR NOTES

Enter submits on desktop; Shift+Enter inserts a newline. On mobile the return key inserts a newline and submission is by button only — mobile users routinely write multi-line symptom descriptions and an Enter-to-submit would truncate them mid-thought.

C2 · Symptom chip

PROPERTY	SPECIFICATION
Padding	space-2 vertical (8px), space-3 horizontal (16px)
Radius	radius-full
Type	Micro, 12px / 500 weight
Gap between chips	space-2 (8px) both axes
Layout	Wrapping on mobile; single row with horizontal scroll where space allows
Touch target	Minimum 44 × 44px including padding — non-negotiable

STATE	TREATMENT
Default	Border on parchment, no fill
Hover	Subtle fill; no size change
Focus	Visible ring, keyboard-reachable in DOM order
Active	Brief press state, then immediate submit

Behaviour: a chip tap populates the input and submits in a single action. It does not require a second confirming tap.

C4 · Conversation turn — Saad

PROPERTY	SPECIFICATION
Max width	640px on desktop; full width minus space-4 on mobile
Padding	space-4 (24px)
Radius	radius-lg (16px)
Type	Body large, 18px / 1.7 — larger than standard body for read-aloud legibility
Max content	120 words — enforced at generation, not truncated at render
Render mode	Progressive. Text appears as it streams; the block does not pop in whole.
Spacing to card	space-4 (24px) below

ACCESSIBILITY REQUIREMENT

The response container is an ARIA live region. Progressive rendering must not cause a screen reader to re-announce the full block on every token — announce on completion, with the loading state announced at start so the wait is not silent.

C5 • Product recommendation card

PROPERTY	SPECIFICATION
Structure	Product name, one-line rationale, secondary link, primary CTA
Padding	space-4 (24px)
Radius	radius-lg (16px)
Elevation	shadow-card only. Borders preferred over shadows on parchment.
Accent	Product-specific token — Ostrizen amber, Curaleaf green
Price	Not displayed. Operational constraint — confirmed in conversation.
Quantity	Maximum one card per response. Never two.
Entry animation	Fade + 8px rise, 400ms after response completes. Respects reduced-motion.

C6 • Practitioner card

PROPERTY	SPECIFICATION
Structure	Name, credentials, specialisation, primary CTA
Visual weight	Identical to C5. Same padding, radius, elevation, CTA prominence.
Credentials	Always visible. Never truncated, never behind a disclosure.
Co-occurrence	Never renders alongside a product card. Escalation means nothing is sold.

WHY THE WEIGHT RULE IS A SPEC, NOT A PREFERENCE

If the practitioner card renders lighter than the product card, Principle 04 fails at the layout level regardless of the copy. Escalation must not look like a downgraded outcome. This is a build requirement.

C7 • Primary CTA button

PROPERTY	SPECIFICATION
Height	48px minimum; 56px on mobile
Padding	space-3 vertical, space-4 horizontal
Radius	radius-md (8px)
Type	Body, 16px / 500
Width	Full width on mobile; content width on desktop
Icon	WhatsApp glyph where the action leaves the site — leaving must be signalled

STATE	TREATMENT
Default	Filled, high contrast against parchment
Hover	Darken one step; no scale change
Focus	Visible ring, 3px offset
Active	Darken two steps
Loading	Inline spinner, label retained. Label never replaced by a spinner alone.
Disabled	Not used on primary CTAs in this product

C8 • Skeleton block

PROPERTY	SPECIFICATION
Appearance	Within 200ms of submit — before any network response
Structure	Three lines at 100%, 92%, 64% width
Animation	Subtle shimmer, 1.5s loop. Static under reduced-motion.
Dimensions	Match the expected response block so there is no layout shift on swap
Announcement	Screen reader announces that a response is being prepared

C9 • Error recovery block

PROPERTY	SPECIFICATION
Visual treatment	Same container as C4 — an error is a conversation turn, not an alert
Copy voice	Saad's voice, detected language. No system-voice error strings anywhere.
Actions	Retry (primary) and WhatsApp fallback (secondary)
Input preservation	User's text is retained and re-submittable. Never cleared.
Technical detail	Never surfaced. Timeout and error are indistinguishable to the user.

Global rules

1. No component uses a disabled primary CTA — if an action is unavailable, it is not rendered
2. Every interactive element meets a 44 × 44px minimum touch target
3. Every focus state is visible and keyboard-reachable in logical DOM order
4. All motion respects prefers-reduced-motion; no motion is load-bearing for comprehension
5. No component introduces a colour or spacing value outside the token set
6. Any state not specified in this document is a bug, not an implementation choice

DOCUMENT OWNER Tauseef Abbas · **PROJECT** Organic Life — AI-First Naturopathy Platform

PHASE Phase 5 — Developer Handoff · **STATUS** For implementation

NOTE Sample deliverable published as a portfolio artefact at tauseefabbas.com