

# HarborDot — UX Companion (Illustrated)

Date: 2025-10-17

## Foundational Principles

Calm base, sparing accents. Tactile completion. Zero overhead capture. ADHD-aware defaults (undo, larger tap targets, dynamic type).

## Journey Map (Schematic)

Open	Capture	State →	Calendar	Notes	Search	Sync
Today	QuickNormal → InProg → Comp	Done	Calendar + tap	Markdown + Preview	Global	iCloud

## Calendar Dot Logic (Legend)

• Size tiers: 1, 2–3, 4–6, 7+ tasks. • Opacity reflects completion ratio. • Selected day slides in tasks (180ms, easeOut).

## Motion Tokens

Token	Duration	Curve	Notes
taskComplete.pop	160–180ms	spring(0.7, 0.9)	scale 1→1.06→1, soft haptic
taskStrike.stroke	200ms	easeInOut	L→R line growth, fade 75%
stateChange.nudge	120ms	easeOut	y-nudge 2–3pt
calendar.reveal	180ms	easeOut	slide-in + shadow 8pt
markdown.toggle	160ms	easeInOut	cross-fade + slide-up 8pt

## Color Palettes

**Harbor Calm:** Paper #FAFAF8, Ink #1F2937, Coral #FF6B6B, Teal #2DD4BF  
**Ink & Dot:** Charcoal #111827, Ice #F3F4F6, Cyan #22D3EE, Lime #84CC16  
**Dopamine Pop:** Warm Gray #F5F5F4, Graphite #0F172A, Electric Peach #FF8A5B

## Layout & Spacing Tokens

Spacing: 8/12/16/24pt • Card radius: 14–16pt • Tap targets: ≥44pt • Typography: SF Pro (15/17/22).

## Task Card Anatomy

Dot/Checkbox	Title	Tag chip	Reminder	State affordance
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(animated)	(1–2 lines, 15–17pt)	(color + label)	(time)	(tap/hold)
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## Accessibility & ADHD-aware Defaults

Dynamic Type; motion-reduced mode; undo everywhere; color-independent status. Maintain focus: return cursor to input after modals.

### Quick Wins

1	Add haptic + 160ms pop on Complete
2	Increase tap targets & card radius
3	Bucketed calendar dot sizes
4	Animated Markdown preview toggle
5	DesignTokens.swift for spacing/durations/colors