AI Briefing App — V1 Specification

1. Product Vision

Goal

Enable tech founders and builders to stay **fully up-to-date on AI tools, releases, and workflows** without wasting hours scrolling on X/Twitter.

The app delivers **high-signal AI briefings 3 times per day**, allowing users to focus on deep work while staying informed.

Problem

* Massive time loss scrolling on X/Twitter for AI updates
* Extremely poor signal-to-noise ratio
* Information is fragmented, repetitive, and rarely actionable
* No structured synthesis or prioritization
* Constant distraction breaks deep work

Solution

A **fully automated AI-powered briefing system** that:

* Collects relevant AI information
* Filters noise aggressively
* Synthesizes updates into concise, actionable insights
* Delivers 3 structured briefings per day

Value Proposition

> "Everything that matters in AI today — in 5 minutes, without scrolling."

---

2. Product Scope (V1)

Product Type

* **Web app** (mobile-first)
* No authentication (V1)
* No payments (V1)

Target Users

* Tech founders
* Developers

* AI builders
* Product engineers
* Indie hackers

Initially public and shareable.

---

3. Core Features (V1)

A. Daily Briefings (3× per day)

Briefing	Target Time (Local)
Morning Brief	07:30
Afternoon Pulse	13:30
Evening Wrap	20:30

Each briefing contains:

* **5–12 items max (hard limit)**
* Estimated reading time (3–6 minutes)
* Automatically generated intro summary

B. Item Structure (Standardized Output)

Each briefing item must follow this format:

Title
Short, factual, no hype

TL;DR
1–2 sentences summarizing the update

Why It Matters
2 bullet points explaining impact or relevance

What to Try / Next Step
1 concrete action (tool to test, repo to check, feature to explore)

Sources
Links to original content

Auto-Tags
Examples:

* Models: Claude, GPT-4, Gemini, Mistral
* Tools: Cursor, Vercel, LangGraph
* Topics: Agents, RAG, Fine-tuning, Infra

C. Automatic Categorization

Each item is assigned one primary category:

* **Releases** (models, frameworks, major updates)
* **Tools** (new or trending products)
* **Workflows & Tips** (how-to, setups, patterns)
* **Research / Models**
* **Industry News**

D. Intelligent Filtering & Scoring

Each candidate item receives a **global relevance score (0–100)** based on:

* Recency (strong weight)
* Actionability (can it be tested or used?)
* Impact (major release vs minor update)
* Credibility (official source > repost)
* Engagement signal (HN score, GitHub stars, PH upvotes)
* Technical relevance (builder-focused)

Only the top-scoring items are included.

E. De-duplication & Story Clustering

* Multiple sources referencing the same topic are grouped into a single **Story**
* One canonical summary per story
* All relevant sources attached

F. Content Obsolescence

* News items expire automatically after 7 days
* Tools remain but move to "Archive"
* Briefings remain accessible for 30 days (V1)

---

4. UX & Screens (V1)

Screen 1 — Today

* Three cards: Morning / Afternoon / Evening
* Each card shows top 3 items
* "View full briefing" CTA

Screen 2 — Briefing Detail

* Full list of items
* Filter by category
* Mark as read (local storage)

Screen 3 — Item Detail

* Full structured breakdown
* Source links
* Tags

Screen 4 — Archive

* Previous days
* Simple keyword search (V1.1)

---

5. Data Sources (V1)

The AI agent autonomously explores:

* Hacker News
* GitHub Trending
* Product Hunt
* Reddit

  * r/LocalLLaMA
  * r/MachineLearning
  * r/ClaudeAI
  * r/cursor
* Official blogs

  * OpenAI
  * Anthropic
  * Google AI
  * Meta AI

> ⚠️ X/Twitter ingestion intentionally excluded from V1 to avoid API friction.
> Planned for V1.5+ via whitelisted accounts.

---

6. System Pipeline

End-to-End Flow

1. Fetch raw content from sources
2. Normalize into a common format
3. Extract metadata, tags, summaries
4. Cluster duplicates into stories
5. Score relevance
6. Generate briefing summaries
7. Publish to database & frontend

Scheduled Jobs

* Content ingestion: every 30–60 minutes
* Briefing generation:

  * Morning
  * Afternoon
  * Evening
* Obsolescence cleanup: daily

---

7. Editorial Rules (Signal Definition)

Must Include

* New AI models or releases
* Dev tools with real traction
* Practical workflows
* Benchmarks or evaluations (credible only)
* Official announcements

Must Exclude

* Opinions without substance
* Drama / call-outs
* Low-value prompt sharing
* Reposts without added insight

Tone

* Founder-level briefing
* Zero hype
* Clear, concise, actionable

Scoring

Hybrid approach:

* Heuristic rules
* LLM relevance score with explicit rubric

---

10. Tech Stack

* Frontend: Next.js 14 (App Router)
* UI: Tailwind + shadcn/ui
* Backend: Supabase (Postgres)
* AI: Claude API (Sonnet + tool use)
* Hosting: Vercel
* Cron: Vercel Cron

---

11. Roadmap (Post-V1)

V2

* User preferences & personalization
* Auth + bookmarks
* Email & push notifications
* X/Twitter ingestion (whitelisted accounts)
* Public API
* Team workspaces

Monetization (Later)

* Freemium (1 digest/day free)
* Pro (3/day + personalization)
* Team plans

---

12. Key Decision for V1

Product positioning:
Founder-focused AI tooling briefing, not general AI news.

This ensures:

* High signal
* Clear differentiation
* Strong daily habit potential