

- 11/25/2025

- 项目架构初步搭建
- 整合supabase
- 注册、登录、鉴权功能完成

- 11/26/2025

- 主要功能初步设计
 - Hacker News story schema
 - 查询 -> 提取网页关键内容 (jina) -> AI 翻译 · 总结流程设计
 - PRD.md
- Hacker News 异步访问API获取best, top, new stories 逻辑完成

TODO:

- 每半个小时执行一次轮询获取内容
- 设计将表结构存入supabase
- 探索使用jina取得网页信息
- 研究AI翻译总结的高性能prompt
- 将AI生成内容并入CreateArticle
- 类存入数据库

Hacker News Chinese Implementation Plan

1. Database & Repository Layer (Priority High)

- Schema Setup: Create `articles` table in Supabase matching PRD Section 4.
- Repository Implementation: Create `app/repositories/article_repository.py`.
 - `exists(hn_id: int) -> bool` : Check if article already exists (Deduplication).
 - `create(article: Article) -> Article` : Save processed article to DB.

2. Content Extraction & AI Services (Priority High)

- Dependencies: Add `openai` (or preferred LLM lib) and `requests` / `httpx` to `pyproject.toml`.
- Config: Update `app/core/config.py` to include `JINA_API_KEY` and `OPENAI_API_KEY`.
- Content Service: Create `app/services/content_extractor.py` using Jina Reader API.
- AI Service: Create `app/services/ai_service.py`.
 - Implement translation prompt.
 - Implement summarization/analysis prompt (JSON output).

3. Pipeline Integration (Priority Medium)

- **Update HNService:**
 - Integrate `ArticleRepository` to filter out existing stories.
 - Integrate `ContentService` to fetch body text.
 - Integrate `AIService` to process content.
 - Save final result to DB.

4. Scheduling (Priority Medium)

- **Scheduler:** Implement a background task (using `apscheduler` or `asyncio` loop) in `main.py` to run the fetch pipeline every 30 minutes.