

Anthropic AI Hackathon

Better World

Toster

User agreements made clear

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Toster



Intro

Project: **Toster**

Status: **Prototype**

Start: **28.05.2023**

Location: **Vancouver, Canada**

Experience: **DJ, Film, Hardware**

Better World Team: **Vassil Tashev, GPT-4**

Problem

User agreements are hard to read

- 99% are as complex as academic journals ¹
- 91% of people accept them without reading²
- Most people need 1.5 hrs to read one ³
- Difficult language hides hostile clauses and significant risks ⁴

Existing Services

- Terms of Service; Didn't Read: tosdr.org
- The Terms of Service Tracker: tosback.org
- [Clickwrapped.com](https://clickwrapped.com)

Solution

Toster

- Powered by Anthropic's Claude AI
- Provides an instant critical summary of user agreements
- Focused on data privacy, digital rights, and user responsibilities
- Eliminates the need for a document Q&A with an AI chat bot
- Generates simple and clear explanations
- Offers a fast and user-friendly experience

Example

Meta ToS

- Reading Time: ~40 minutes*
- Understanding Time: unknown

Toster's Critical Summary of Meta ToS

- Reading Time: ~2.5 minutes
- Understanding Time: instant
- User Interactions + Reading + Understanding = 3 minutes**

* 5088 words @ Average Reading Speed of 130wpm: 39.1 min.

** 333 words 2.6min+0.4 min. for User Interactions (Select All, Copy and Paste) and AI processing time

How Toster Works

1. **Input:** Users copy and paste user agreements into the application
2. **Verify:** The application verifies the text's legal nature
3. **Analyze:** Text is sent to Claude for in-depth analysis
4. **Simplify:** Claude returns an easy-to-read summary
5. **Understand:** Users realize the implications of the agreement

Technical Details

- Claude by Anthropic
- GPT-4 by OpenAI
- Python
- Streamlit

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Demo

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Business Model

- iOS & Android app with an optional premium upgrade
- File upload, URL field entry, and camera scans
- Download and share user agreement summaries
- Keyword-focused user agreement reviews
- Direct messaging with legal experts
- Partnerships for in-app advertisements

References

1. Benoliel, U., & Samuel, B. (2019, January 14). The duty to read the unreadable. SSRN. Retrieved from papers.ssrn.com/sol3papers.cfm?abstract_id=3313837
2. Deloitte (2017). 2017 Global Mobile Consumer Survey: US edition | The dawn of the next era in mobile. <https://www2.deloitte.com/content/dam/Deloitte/us/Documents/technology-media-telecommunications/us-tmt-2017-global-mobile-consumer-survey-executive-summary.pdf>
3. Reboot Online Marketing (2021). The industries with the longest terms and conditions. <https://www.rebootonline.com/digital-pr/assets/industries-with-longest-terms-and-conditions/>
4. Chakraborty, A., Shankar, R., & Marsden, J.R. (2022). An empirical analysis of consumer-unfriendly E-commerce terms of service agreements: Implications for customer satisfaction and business survival. *Electronic Commerce Research and Applications*, 53. <https://doi.org/10.1016/j.elerap.2022.101151>

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