復古旅行

Vintage Adventure

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開發工具 bun, React JS, elysia JS
測試環境 MacOS 14.5 (23F79)

一、簡介：

Step into the Past with Vintage Adventure
Imagine reliving and sharing your most treasured memories with vivid clarity, as if you were reliving them for the first time. Vintage Adventure is an innovative app that takes you on a journey through time, empowering you to capture, preserve, and share your personal history like never before.

Technical Backbone
Our app is built on a robust technical foundation, with a backend server that handles complex image and video processing and other resource-intensive tasks unsuitable for device-side execution. This allows us to leverage the power of cloud computing to deliver fast and efficient processing of user content. Our front end is built using ReactJS, with the Ionic library enabling seamless multi-platform adaptation, ensuring a consistent and engaging user experience across various devices and operating systems.

Revolutionizing Storytelling
By combining the power of street view technology, oral storytelling, and AI-generated imagery, Vintage Adventure brings the past to life in a unique and captivating way. Whether you're a senior looking to reminisce about fond memories or a family member eager to learn more about your heritage, our app provides a platform to record, relive, and share your stories with future generations.

Transforming Memories into Shareable Videos
With Vintage Adventure, you'll embark on a fascinating adventure that helps you remember the past and makes it more accessible and engaging for others. By transforming your memories into stunning, shareable videos, our app bridges the gap between generations, fostering a deeper understanding and appreciation for the

experiences that have shaped our lives.

二、測試結果：（標題字形16）

Our app has undergone rigorous testing with impressive results:

Image processing and video generation: 100% success rate, with accurate and efficient user-uploaded images and video processing.

User experience: Overall positive reaction from the subjects, with the most common remarks being:

- "Innovative"
- "Simple yet powerful UI"
- "An interesting idea."

Performance: The app demonstrated fast loading times, smooth navigation, and seamless video playback thanks to several key technical improvements:

- We've optimized ReactJS rerendering using Million JS, resulting in a significant boost to frontend speed.
- We've replaced ExpressJS with Elysia JS, reducing backend response times by around 60%.
- We've upgraded to the Nova-2 by Deepgram voice-to-text model, which has accelerated transcription times by 80% compared to Whisper Large by OpenAI.

Feedback: Users provided valuable feedback, highlighting areas for improvement, such as:

- Enhancing the app's guidance and tutorials for first-time users.
- Expanding the range of editing options for video customization.
- Integrating social media sharing features for easier content distribution.

(This document was crafted with the assistance of artificial intelligence.)