



★ Everyday creativity, delivered as a dare ★

Playful prompts that turn ordinary moments into creative ones

Introduction

DareDrop is an app for everyday creativity, designed for young adults seeking more meaning, play, and self-expression in their daily lives. Create bite-sized creative “dares” to spark new perspectives, revisit a growing archive of your past moments, and join collaborative DareDrop challenges that bring people together to rediscover joy, courage, and connection.

Tools Used

Our high-fidelity prototype was developed with React Native and Expo, supported by TypeScript for reliability. Supabase is fully integrated to handle our backend, user accounts, data persistence, and real-time interactions. Cursor helped automate initial setup and repetitive coding tasks, freeing us to focus on interaction design. We tested each build on Apple’s Xcode Simulator and our own devices through Expo Go.

Operating Instructions

- Download the Expo Go app
- Scan this QR code and launch the app!





★ Everyday creativity, delivered as a dare ★

Playful prompts that turn ordinary moments into creative ones

Limitations

The current prototype does not support push notifications or streak reminders, which are intended to play a key role in sustaining engagement over time. Additionally, while future versions of DareDrop will generate personalized creative prompts using AI, this capability is not yet implemented in the prototype. All prompts shown in the app are pre-set and do not adapt dynamically to user behavior or preferences.

Wizard of Oz Techniques

To simulate the intended experience of AI-generated creativity, the prototype presents the dare icons as though they were uniquely generated by an AI model. In reality, these icons are manually selected and displayed instantly when a user creates or receives a dare. This allows users to experience the sense of novelty and personalization that the final AI-driven system will provide.

Hard-Coded Items

We have hard-coded all prompts, dare content, and dare icons used throughout the app. While the interface displays these elements dynamically, each is drawn from a predefined set rather than being created algorithmically or sourced from a real backend. No personalized data is stored, and user-specific content, such as completed dares or past creative moments, is also based on hard-coded placeholders rather than persistent database entries.