

App Name: Promptly

Tagline: Your micro-reminder, instantly.

Phase 1: Problem Understanding & Industry Analysis

Goal: Understand what we're building and why.

1. Requirement Gathering

The core problem we are solving is the "ephemeral task" – a micro-task that is too fleeting for a traditional to-do list app, but too important to forget. The current process for capturing these tasks is high-friction, involving unlocking a phone, finding a specific app, and typing or navigating menus. This often leads to the thought being lost to distraction.

Our solution is a single-purpose, "digital sticky note" that serves a single reminder, then disappears. The key requirements are:

- **Frictionless Capture:** Capture a thought with a single tap and voice command.
- **Time-Sensitive:** The reminder should be triggered after a fixed, short duration (e.g., 3 minutes).
- **Zero-Overhead:** The app should require no setup, no account creation, and no data storage on a server.

2. Stakeholder Analysis

As a solo developer, I am the sole stakeholder, but I represent the end user.

- **Admin (the developer):** Primary need is simplicity and ease of implementation. The chosen stack of HTML, CSS, and JavaScript with browser APIs meets this need perfectly.
- **End User:** The user wants an incredibly simple, fast, and reliable tool. They need a solution that works without cognitive load and doesn't get in the way of their primary task.

3. Business Process Mapping

The user flow is a simple, linear process with a clear beginning and end.

- **Customer requests reminder:** User has a fleeting thought (e.g., "Take the laundry out").
- **App listens for input:** The user taps the button. The app automatically starts listening for voice input.
- **App sets timer:** The app captures the reminder text and starts a countdown.

- **Notification is triggered:** After countdown, an email notification appears on the user's screen with the reminder. The process is complete.

4. Industry-Specific Use Case Analysis

While this project is simple, it's solving a real-world problem. Traditional to-do apps are designed for long-term planning, not for in-the-moment tasks. The user doesn't want to add "Take out the laundry" to a long list of other items. They want an immediate, temporary reminder that serves its purpose and then vanishes, leaving no digital clutter.

This is a use case that traditional apps fail to address, as they are built for persistent data and complex organization. The "Promptly" app is a pure solution for this specific user need.

5. AppExchange Exploration

There are no existing AppExchange solutions that fit this specific, simple use case. While a "reminders" app exists in various forms, none are built with the unique, zero-friction, voice-only approach of "Promptly." This confirms the app's unique position in the market.