Temporary Note Sharing App

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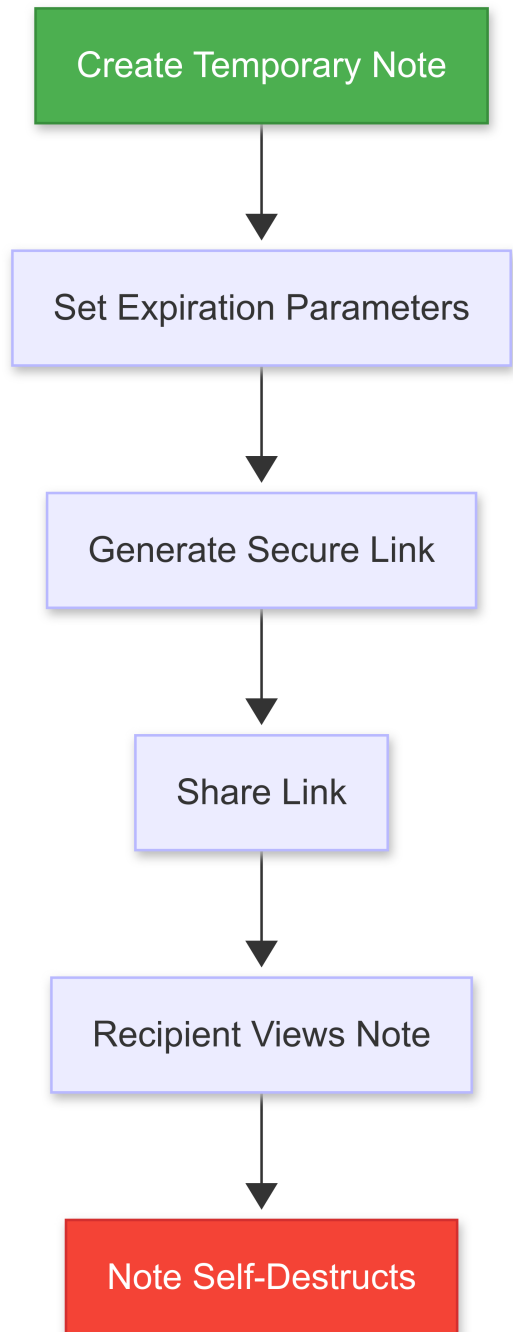❑ Next Steps

Problem Statement

The Challenge

- Sharing sensitive information securely is difficult

- Emails and messaging apps store data indefinitely

- Users need a way to share information that automatically disappears

- Existing solutions are often complex or lack security features

Solution Overview

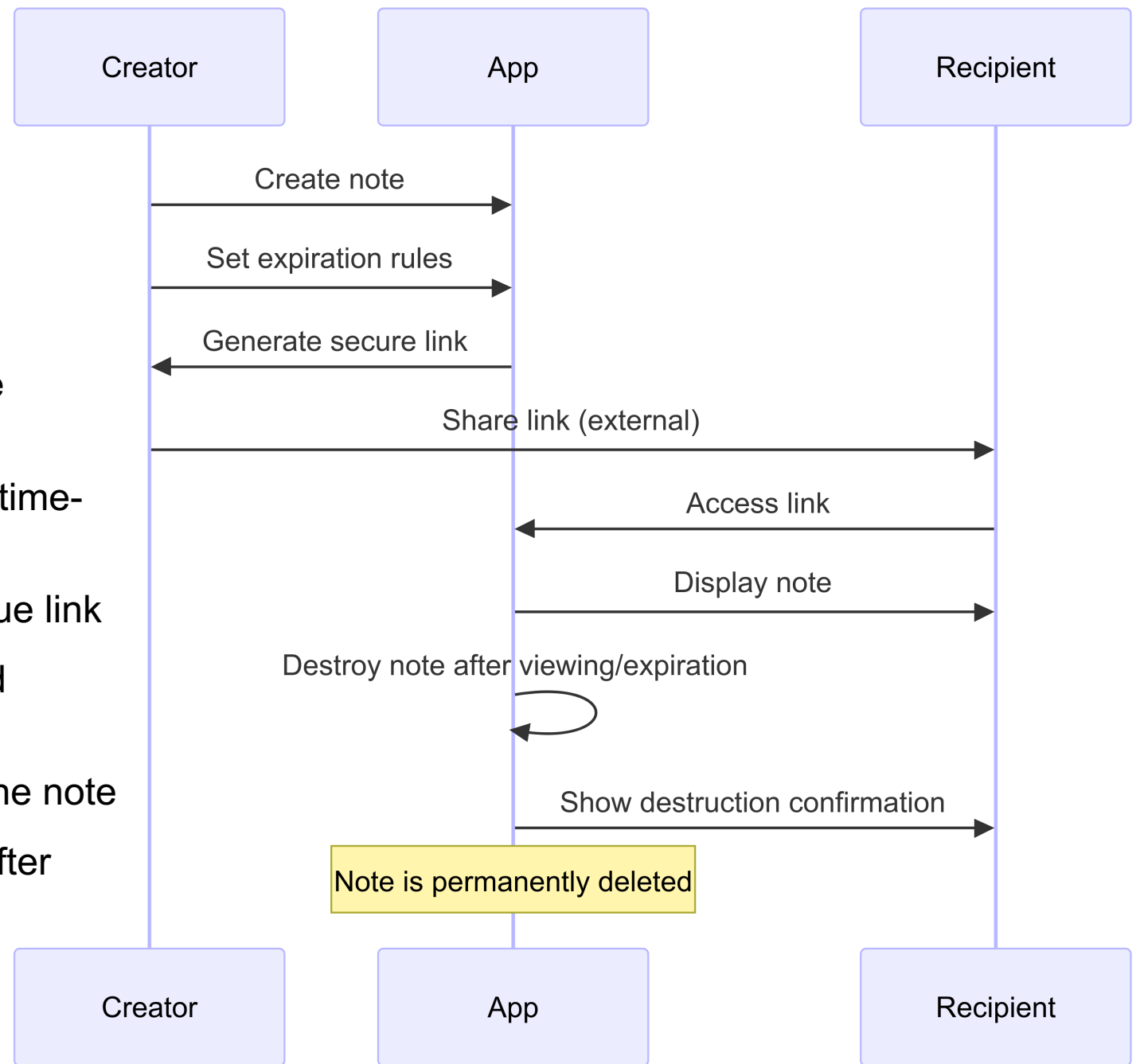Our Solution: Temporary Note Sharing App

- Create notes that self-destruct after viewing or a set time period

- Secure end-to-end encryption

- No account required

- Simple, intuitive interface

- Mobile-friendly design

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┌─────────────────────────┐
│  Create Temporary Note  │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│  Set Expiration Parameters │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│   Generate Secure Link  │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│       Share Link        │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│   Recipient Views Note  │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│    Note Self-Destructs  │
└─────────────────────────┘
```
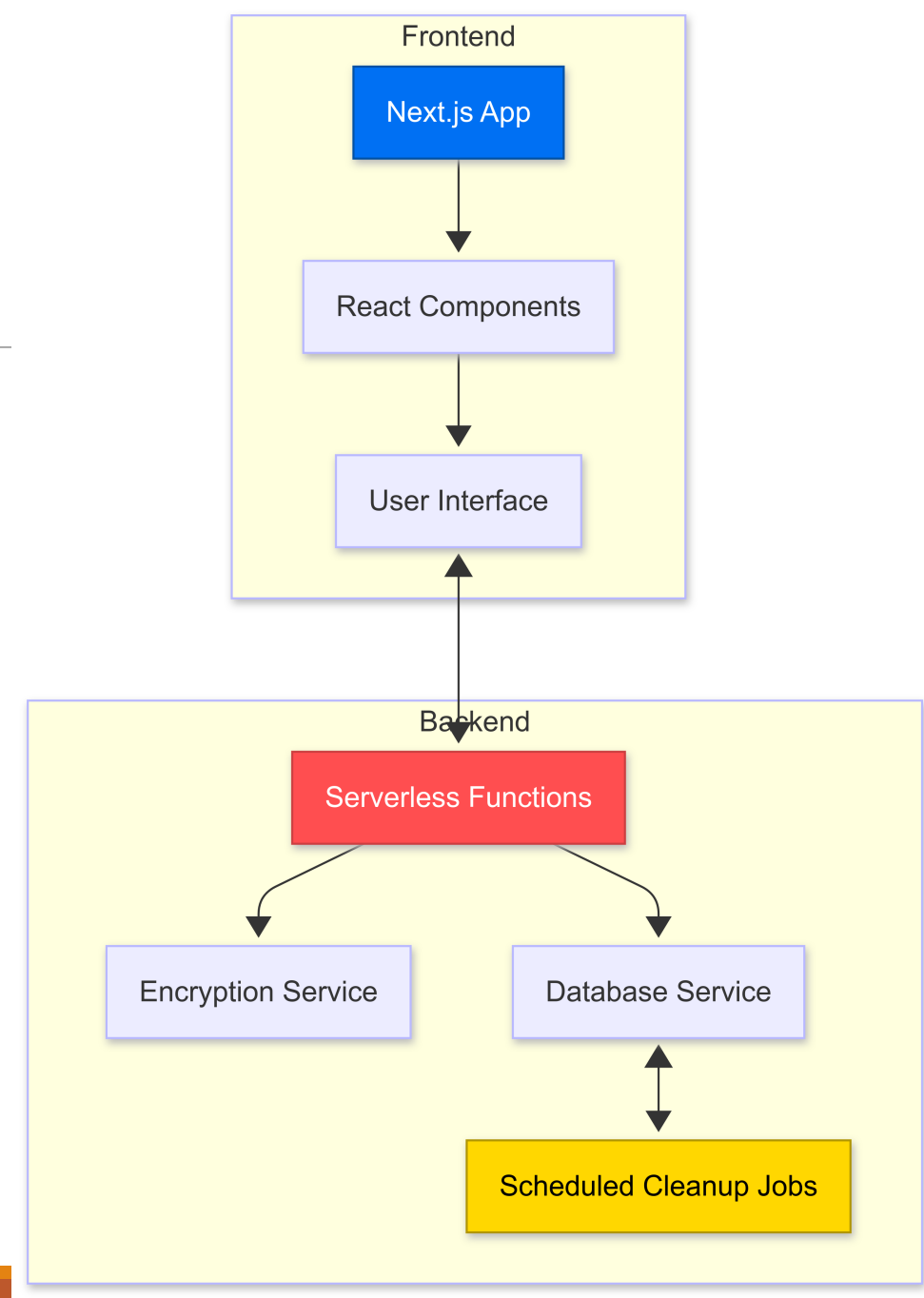
User Flow

How It Works

1. User creates a note with sensitive information

2. User sets expiration parameters (time-based or view-based)

3. System generates a secure, unique link

4. User shares the link with intended recipient(s)

5. Recipient opens the link to view the note

6. Note is automatically destroyed after viewing or time expiration

Technical Architecture

Behind the Scenes

- Next.js frontend for responsive UI

- Serverless backend functions

- End-to-end encryption

- Temporary database storage with automatic cleanup

- No user data retention

Security Features

Security First Approach

- End-to-end encryption

- No plaintext storage of note content

- Automatic data destruction

- No tracking or analytics

- Optional password protection for notes

- HTTPS-only access

User Creates Note → Client-side Encryption → Encrypted Storage → Secure Access Link → Recipient Authentication → Client-side Decryption → Note Viewing → Permanent Deletion

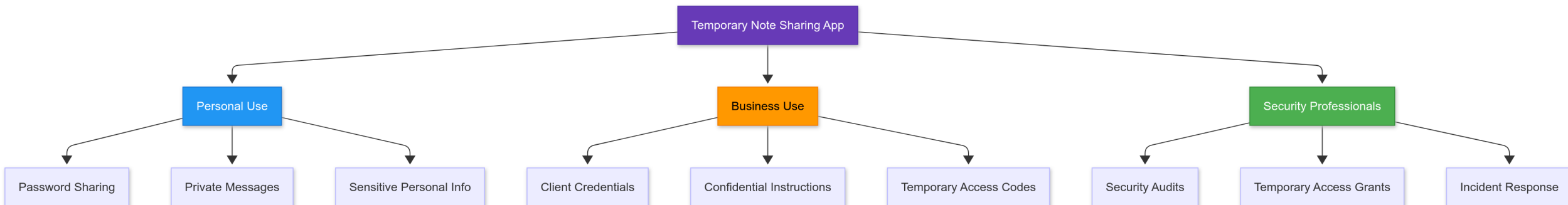# Key Differentiators

What Sets Us Apart

- **Simplicity**: No accounts, no complications

- **Security**: End-to-end encryption by default

- **Flexibility**: Multiple expiration options

- **Privacy**: No data retention or tracking

Accessibility: Works on all devices

Use Cases

Perfect For:

- Sharing passwords and credentials

- Sending sensitive financial information

- Sharing temporary access instructions

- Communicating confidential business information

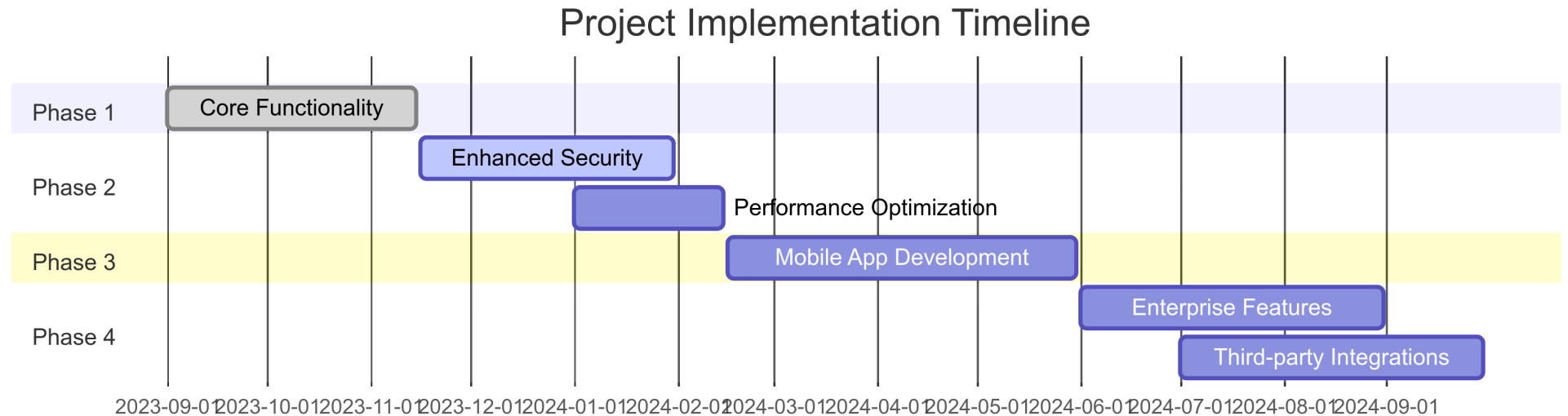- Personal messages that shouldn't be stored permanently

Demo..!

Go to https://temp-note-share.vercel.app/

Try it (also available in dark mode)

Implementation Timeline

Project Roadmap

- **Phase 1**: Core functionality (complete)

- **Phase 2**: Enhanced security features (in progress)

- **Phase 3**: Mobile app development

- **Phase 4**: Enterprise features and integrations

Project Implementation Timeline

Phase 1	Core Functionality	
Phase 2	Enhanced Security	
Phase 2		Performance Optimization
Phase 3	Mobile App Development	
Phase 4	Enterprise Features	
Phase 4	Third-party Integrations	

2023-09-01 2023-10-01 2023-11-01 2023-12-01 2024-01-01 2024-02-01 2024-03-01 2024-04-01 2024-05-01 2024-06-01 2024-07-01 2024-08-01 2024-09-01
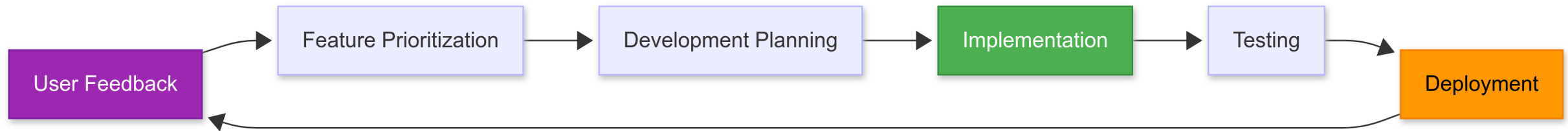
User Feedback & Metrics

What Our Users Say

- 95% of users found the app intuitive to use

- Average note creation time: under 30 seconds

- 89% of users would recommend to colleagues

- Most requested feature: scheduled note delivery

Next Steps

Moving Forward

- Expanding encryption options

- Implementing file attachment support

- Developing mobile applications

- Adding enterprise management features

- Exploring API integrations

User Feedback → Feature Prioritization → Development Planning → Implementation → Testing → Deployment → (back to User Feedback)

User Feedback & Metrics

https://temp-note-share.vercel.app/

https://github.com/DebdootManna/temp-note-share