

Project Proposal - Momento

Cover Letter

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Dear Dr. Johnson,

We are pleased to present our updated proposal for the continuation of the Momento project, a visual journaling app. Building on the foundation established last semester, we have refined the scope and incorporated new features to enhance user engagement and broaden the app's capabilities.

The following document provides an overview of the project, outlines the updated features, and demonstrates how the enhancements align with our learning objectives and technical expertise. We are confident this continuation will further highlight the innovative aspects of Momento while allowing us to expand our skillset in meaningful ways.

Thank you for considering our proposal. We look forward to your feedback and the opportunity to continue developing Momento.

Sincerely,
Team Momento

Introduction

Momento is a visual journaling app designed for iOS that simplifies the journaling process by focusing on photos and mood tracking. Unlike traditional text-based journaling apps, Momento provides a modern and intuitive way for users to document their lives through visual storytelling.

Building on the previous iteration, this semester's development will include a new feature: the Daily Quote Generator, which provides inspirational or mood-relevant quotes to complement daily entries. This addition enhances the emotional connection users have with the app, making journaling both reflective and motivational.

Core Features

1. Daily Photo Capture: Take a photo each day with optional vintage filters to visually represent daily moments.
2. Mood Check-ins: Track emotions quickly with a simple photo-based system.
3. iOS Camera Roll Import: Add photos directly from the user's Camera Roll with smart suggestions.
4. Monthly Recap: Compile and review monthly memories in a visual summary.
5. Archive Storage: Secure data storage using Firebase, ensuring privacy and easy retrieval.
6. Daily Quote Generator: Display an inspirational quote alongside daily entries, adding depth and encouragement.

Key Audience

Momento is tailored for creative thinkers who value reflection but don't have the time to write extensive journal entries. These users are looking for a simple yet meaningful way to track their moods and experiences. By focusing on photos, mood tracking, and quick recaps, the app offers a convenient solution for those who want their journaling experience to be visual, efficient, and insightful.

Our Mission

To create a user-friendly, visually engaging journaling app that makes daily reflection accessible, meaningful, and enjoyable for all users.

Proposal

To enhance Momento's functionality and value, we propose the implementation of a Daily Quote Generator. This feature will display a unique quote each day, sourced from either a preloaded

database or a free quote API. It is designed to inspire users and encourage consistent journaling.

Additionally, we will refine existing features, such as the Monthly Recap and Mood Check-ins, to improve usability and overall app performance. The project will be completed using SwiftUI for the user interface and Firebase for backend storage, ensuring scalability and security.

Technical Section

Timeline and Deliverables:

- Week 1-2: Finalize design and integrate Firebase for data management.
- Week 3-4: Implement Daily Photo Capture and Mood Check-ins.
- Week 5-6: Develop iOS Camera Roll Import feature.
- Week 7-8: Create Monthly Recap functionality.
- Week 9-10: Add Daily Quote Generator using preloaded quotes or API integration.
- Week 11-12: Conduct testing and fix any bugs.
- Week 13-14: Prepare final demo and complete project documentation.

Manpower Requirements:

- Development: 2 team members.
- Testing: 1 team member ; Documentation: 1 team member.

Time-Cost Section

The continuation of Momento will require an estimated 14 weeks, with weekly check-ins to monitor progress. This timeframe aligns with the semester's schedule, ensuring all deliverables are met on time. No additional costs are anticipated as the development tools and backend services (e.g., Firebase) are already in use.

Conclusion

The Momento project builds upon an existing foundation, refining features and adding new ones to create a more engaging journaling experience. By integrating the Daily Quote Generator, the app gains a fresh dimension that inspires users daily. This proposal outlines a clear plan for development, testing, and delivery, ensuring that the project remains on track and meets its objectives.

We are excited about this opportunity to continue Momento and look forward to demonstrating the final product.