



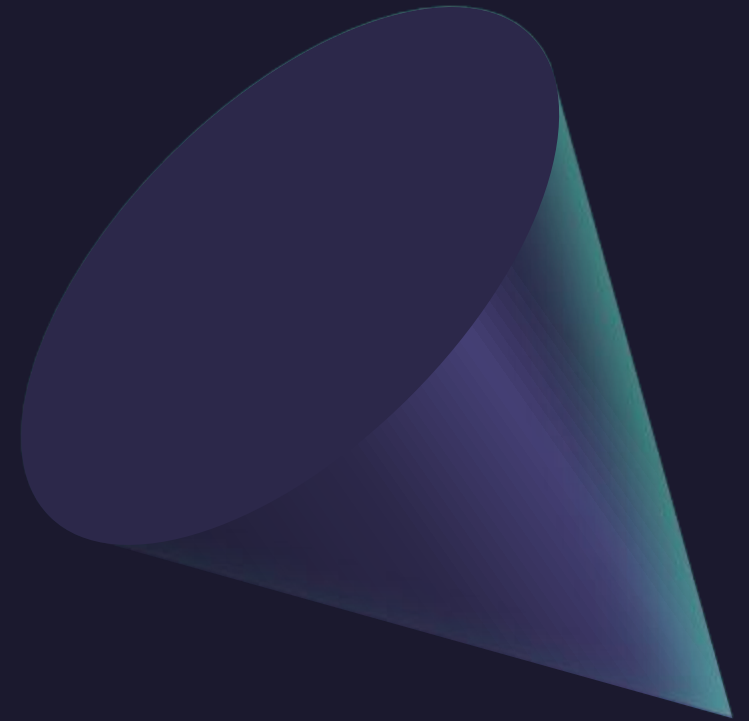
YZM-2021

# Principles of Software Engineering

Team 3

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# Project Overview



# Project Summary

- This project proposes the development of a **Digital Memory Keeper** application designed to modernize the traditional family photo album by integrating multimedia and personal reflection in an organized digital space.



# Project Title



# Problem Statement

- Current memory-keeping methods are not so practical : **Physical photo albums are easily and permanently destroyed**, while **digital photos are disorganized and lack the crucial personal thoughts and emotional context** necessary for meaningful retrieval.
- This means families and individuals risk losing their most cherished milestones because the memories are either physically vulnerable or digitally fragmented and meaningless. We lack a dedicated platform that allows users to permanently merge photos with personal reflections to build cohesive, lasting narratives.

# Target Users

- **Families with Young Children:** Seeking a secure, organized way to document and narrate their children's milestones (first words, daily life, growth) in detail.
- **Individuals & General Users:** Anyone looking for a dedicated digital space to combine and permanently preserve their personal **memories, photos, and private thoughts/reflections.**



# Core Features

- **Memory Packages:** A single, unified unit that combines photos and videos with the user's personal thoughts and reflections.
- **Connections (Narrative Linking):** The ability to link multiple Memory Packages together to create continuous stories or timelines (e.g., from an event's beginning to its end).
- **Archiving & Retrieval:** A system for digital storage, organization, and efficient searching of all saved packages.



# What Makes It Unique ?

- Our platform is the only solution that guarantees the preservation of *why* the photo was taken (the thought/reflection) and *how* it connects to other life events (the connection/narrative), solving the problem of digitally scattering precious memories.





# Comparison With Competitors

- **Cloud StorageGoogle Photos:**Excellent for storing photos, but it is purely file-based. The emotional context and reflection are absent, and memories are isolated, not connected to form a narrative.
- **Family Album:** is primarily a photo-sharing app that organizes memories automatically by date. Our app, however, is unique because it forces the permanent combination of a **photo with a personal thought** into a single "Memory Package." This allows users to create **connected, continuous life stories** rather than just a disorganized collection of files, offering deep personal context that simple chronological sharing cannot match.



# Monetization plan



# Technology Stack



# Technologies and Tools



# Frameworks or Libraries



# Programming Language



# Service Providers



# Database and System





# Tools for Hosting



# Fitting of Technology Choices to our Team



# Initial Design



# Wireframes



# Main Pages/Views



# User Flow Diagram



# Basic Architecture Diagram



# Development Setup





# GitHub Repository Link



# GitHub Project Board Created



# Initial Issues

