

Memory Box

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Abstract: *In the modern digital age, effectively organizing and preserving memories has become increasingly important. This Photo Management Application offers a seamless way for users to store, retrieve, and edit their photos while ensuring an intuitive and engaging experience. With user authentication, individuals can securely create and manage their personal galleries.*

The Home Page features a search bar, allowing users to quickly find photos based on specific dates or captions. A slideshow of recently uploaded images enhances accessibility, while the album creation feature helps in organizing photos into well-structured collections. Selecting an album displays a yearly calendar view, enabling users to upload images on specific dates. To enhance stored photos, the application includes built-in editing tools such as cropping and caption addition.

The frontend of the application is built using TypeScript, CSS, and HTML, ensuring a visually appealing and responsive interface. The backend is powered by Supabase, providing efficient data management and storage solutions. This technology stack ensures a smooth and reliable user experience.

This project aims to simplify digital photo organization by offering a user-friendly and interactive platform for storing, searching, and editing memories with ease..

Keywords: Photo Management, User Authentication, Image Search, Album Creation, Photo Editing, Yearly Calendar, TypeScript, Supabase, Interactive UI

