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ABSTRACT

The Cloud Base project is a file storage and management platform designed to provide users with a secure, scalable, and user-friendly environment to store, access, and manage their personal files. Built using Node.js, Express, and MongoDB, the platform enables users to create accounts and utilize robust storage features. Key functionalities include role-based access for admins and users, secure authentication, and advanced file metadata management for movies, documents, and other file types. Admins have complete control over database management, while regular users can securely upload, download, and organize files. With encryption for user data, detailed file tracking, and flexible account recovery options, Cloud Base ensures a seamless and reliable user experience. This project addresses modern data storage challenges by emphasizing security, accessibility, and scalability.

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