

MobiVault : App Concept

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Purpose of the App

MobiVault is a file manager with a strong emphasis on mobile security that offers the user the ability to choose between storing their private files either locally and/or on a secure cloud drive. MobiVault is designed to deliver:

- Flexibility/storage options (per file/folder)
- Transparency regarding security policies. The users are clear how and where their data is stored
- Added data privacy via user encryption and biometrics

Target Users and Problem Being Solved

Target Audience:

- Privacy-oriented users
- Students requiring appropriate management of academic records
- Professionals handling sensitive documents

Problem Being Solved:

- Most mobile file storage apps default to cloud files, and provide no legitimate control
- Users often do not know where files are or how secure their file is

MobiVault provides a means to:

- Give users proper control as to where to store data
- Visualize risk levels

- Access and notifications

Use Case Scenario

- A user wants to securely store personal ID photos and PDFs
- MobiVault prompts: "**Local or Cloud?**"
- **Local option** keeps everything local, encrypted, no Internet-connected exposure
- **Cloud option** uploads the file to the user's secure cloud drive, having full encryption-at-rest, and biometric access
- Later, the user receives a notification as the file has been accessed from a different device

Comparison to Similar Apps

Google Drive / iCloud:

- Cloud-first, little user control, not privacy-prioritized

MobiVault:

- Local-first or cloud-optional
- Users choose storage model per file
- Built-in awareness features (e.g., access tracking, risk alerts)