

# Title of ADR

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Deciding Data Storage Methods for the Mobile App

## Status

Proposed

## Context

A reliable data storage method ensures user data is stored securely and is accessible for offline usage.

## Options Considered

• SQLite • MongoDB • PostgreSQL • Realm

## Decision

SQLite for local offline data storage and MongoDB for backend storage.

## Consequences

Pros:

- SQLite is lightweight, perfect for local storage.
- MongoDB is scalable and flexible for backend storage.

Cons:

- Requires synchronization logic between local and backend storage.

## Rationale

SQLite and MongoDB offer the right combination of local and backend storage capabilities for the app.

## Follow-Up Actions

- Set up SQLite for local storage.
- Configure MongoDB for backend data storage.
- Develop data synchronization logic.