Database Storage ADR

November 4, 2024

# Overview

An Architecture Decision Record is a simple document to outline the decisions we make in the design phase of the project and outline a specific element to be discussed.

# Database Storage

We will focus on storing the data on the mobile device, as our application uses very simple datasets. It is also important since the user should be able to utilize our application if either cellular or Wi-Fi network is down. Our application should be able to operate in an offline state.

* Direct storage on mobile devices.
* Purely offline capability, no cloud storage at all.
  + Privacy, ease of use, no downtime.

We also made this decision since we believe setting up any server interactions is unnecessary work, and many users complain about so many applications are cloud-based and are complaining about privacy issues associated with that format.

In the future, we may consider adding server functionality and providing a cloud-based service, purely for our own personal growth of experience. We struggle to provide a practical answer for online capability, we may strive to find one.