

# Title of ADR

Choosing the Backend Language for the Mobile App

## Status

Proposed

## Context

A robust backend language is essential for efficient data processing, API integrations, and overall server-side logic.

## Options Considered

• Node.js • Python (Django/Flask) • Ruby on Rails

## Decision

Node.js is selected as the backend language.

## Consequences

Pros of Node.js: - Non-blocking I/O model, lightweight, and scalable. - Seamless integration with JavaScript front-end frameworks.

Cons: - Callback hell (can be mitigated with modern ES features).

## Rationale

Node.js offers high performance and is conducive for developing scalable apps. Its compatibility with React Native streamlines development.

## Follow-Up Actions

- Set up a Node.js server.
- Begin API development and integrations.