

# ADR Overview

## Architecture Decision Records (ADRs)

**Project:** Drop -- Fintech Payment App **Last updated:** 2026-03-03 **Maintainer:** Standards Architect

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### What are ADRs?

Architecture Decision Records capture significant technical decisions made during Drop's development. Each ADR documents the context, the decision itself, and its consequences -- providing a historical record of *why* the system is built the way it is.

ADRs are immutable once accepted. If a decision is reversed, the original ADR is marked **Superseded** and a new ADR is created referencing it.

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### ADR Index

ADR	Title	Status	Date	Category
<a href="#">ADR-001</a>	Consolidate to Single Backend	Accepted	2026-02-12	Architecture
<a href="#">ADR-002</a>	Separate FontelePay from Drop Repository	Accepted	2026-02-12	Architecture
<a href="#">ADR-003</a>	Adopt PSD2 Pass-through Model (No Wallet)	Accepted	2026-02-12	Architecture
<a href="#">ADR-004</a>	JWT Storage in httpOnly Cookies	Accepted	2026-02-21	Security
<a href="#">ADR-005</a>	Monolith-First Architecture	Accepted	2026-02-21	Architecture

ADR	Title	Status	Date	Category
<a href="#">ADR-006</a>	SQLite for Dev, PostgreSQL for Production	Superseded by ADR-014	2026-02-21	Database
<a href="#">ADR-007</a>	BankID as Sole Authentication Provider	Accepted	2026-02-21	Security
<a href="#">ADR-008</a>	Hono v4 for Mobile API	Accepted	2026-02-21	Backend
<a href="#">ADR-009</a>	Custom Feature Flag System	Accepted	2026-02-21	Backend
<a href="#">ADR-010</a>	Dual Database Driver Abstraction	Superseded by ADR-014	2026-02-21	Database
<a href="#">ADR-011</a>	Expo SDK 54 for Mobile App	Accepted	2026-02-21	Mobile
<a href="#">ADR-012</a>	AWS App Runner for Deployment	Accepted	2026-02-21	Infrastructure
<a href="#">ADR-014</a>	PostgreSQL-Only Architecture (Drizzle ORM)	Accepted	2026-02-26	Database

# ADR Lifecycle

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stateDiagram-v2
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[*] --> Proposed : Author drafts ADR
Proposed --> Accepted : Team reviews and approves
Proposed --> Rejected : Team rejects proposal
Accepted --> Deprecated : No longer relevant
Accepted --> Superseded : New ADR replaces this one
Rejected --> [*]
Deprecated --> [*]
Superseded --> [*]
```

# ADR Template

Use this template when proposing a new ADR. Save as `ADR-NNN-short-title.md` in this directory.

# ADR-NNN: Title

\*\*Status:\*\* Proposed | Accepted | Deprecated | Superseded by [ADR-XXX](ADR-XXX-title.md)

\*\*Date:\*\* YYYY-MM-DD

\*\*Deciders:\*\* [Names and roles]

\*\*Category:\*\* Architecture | Security | Database | Backend | Frontend | Mobile |  
Infrastructure

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## ## Context

What is the issue that we are seeing that motivates this decision?

Include technical background, constraints, and forces at play.

## ## Decision

What is the change that we are proposing and/or doing?

State the decision clearly and concisely.

## ## Consequences

### ### Positive

- List benefits of this decision

### ### Negative

- List drawbacks and trade-offs

### ### Risks

- List risks and their mitigations

## ## References

- Link to related ADRs, documents, or external resources

- Link to implementation PRs or tasks

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# Guidelines for Proposing ADRs

1. **When to write an ADR:** Any decision that affects the system architecture, technology choices, security model, or data model and would be hard to reverse.
  2. **Scope:** One ADR per decision. If a decision has multiple parts, consider splitting into separate ADRs.
  3. **Numbering:** Use sequential three-digit numbers (001, 002, ...). Never reuse numbers.
  4. **Review process:** Draft as `Proposed`, share with the team. Once approved by the AI Director (John) and/or CEO (Alem), change status to `Accepted`.
  5. **Superseding:** When reversing a decision, create a new ADR and update the old one's status to `Superseded by [ADR-XXX]`. Never delete old ADRs.
  6. **Context matters:** Future readers need to understand *why* the decision was made. Include constraints, alternatives considered, and the reasoning.
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## Cross-References

- [Architecture Document](#) -- Main architecture overview
  - [System Context \(C4 Level 1\)](#) -- System context diagram
  - [Compliance Status](#) -- Regulatory compliance tracking
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Revision #9

Created 2026-02-24 10:13:03 UTC by John

Updated 2026-05-23 10:56:28 UTC by John