Software Components Overview

Finanzas SD – Architecture, Flows & SOPs

Arquitectura, Flujos y Procedimientos

November 11, 2025

1 Software Components Overview

```
[] graph TD  subgraph Frontend (React + Vite)  NAV[Navigation]  APP[App Router /finanzas]  CATALOG[Rubros Catalog View]  RULES[Allocation Rules Preview]  AUTH[AuthProvider / RoleProvider]  end
    subgraph Backend (AWS SAM)  APIGW[API Gateway HTTP API]  HEALTH[Lambda /health]  CATALOG_H[Lambda /catalog/rubros]  RUBROS_GET[Lambda /rubros GET]  RULES_GET[Lambda /allocation-rules GET]  end
    subgraph Data (DynamoDB) RUBROS_TBL[(Rubros Table)] TAXONOMIA_TBL[(Rubros Taxonomia Table)]  end
    subgraph CI_CD (GitHub Actions)  DEPLOY_API[deploy-api.yml]  DEPLOY_UI[deploy-ui.yml]  PIPELINE_R1[r1-dev-pipeline.yml]  CONTRACT_TESTS[api-contract-tests.yml] end
    NAV --> APP  APP --> CATALOG  APP --> RULES  APP --> AUTH
    CATALOG -->|GET /catalog/rubros| APIGW  RULES -->|GET /allocation-rules| APIGW  AUTH -->|JWT| APIGW
    APIGW --> HEALTH  APIGW --> CATALOG_H  APIGW --> RUBROS_GET  APIGW --> RULES_GET
    CATALOG_H --> RUBROS_TBL  RUBROS_GET --> RUBROS_TBL  RULES_GET --> TAXONOMIA_TBL
    PIPELINE_R1 --> DEPLOY_API  PIPELINE_R1 --> DEPLOY_UI  PIPELINE_R1 --> CONTRACT_TESTS
    DEPLOY_API -->|Seed Scripts| RUBROS_TBL  DEPLOY_API -->|Seed Scripts| TAXONOMIA_TBL
```

Notable Conventions:

- Feature flag VITE_FINZ_ENABLED gates Finanzas routes and navigation items.
- Catalog endpoint `/catalog/rubros` is public; allocation rules require Cognito JWT (default authorizer).
- Seed scripts live under `scripts/ts-seeds/` and write composite pk/sk keys.
- CI pipeline aggregates smoke test evidence into $GITHUB_STEP_SUMMARY and updates docs/DEPLOYMENT_SUMMARY.md.