

# **Root cause analysis**

Finanzas SD – Architecture, Flows & SOPs  
Arquitectura, Flujos y Procedimientos

December 14, 2025

## 1 Root cause analysis

- **Primary root cause:** The /projects handler scans DynamoDB with a hard Limit (default 100) and returns only the first page, ignoring LastEvaluatedKey. The frontend calls /projects?limit=100 once and never paginates. When the projects table exceeds 100 records, end-user-created projects beyond the first page are omitted from the API response.
- **Evidence:** Handler code before fix used a single ScanCommand with Limit: limit and no ExclusiveStartKey loop (services/finanzas-api/src/handlers/projects.ts). The API client requests /projects?limit=100 (src/api/finanzas.ts) and normalizes the first payload only. Seed/demo projects remain visible because they occupy early records in the scan; user-generated rows are pushed to later pages and dropped.
- **Secondary contributors:** Recent seed removal increased reliance on live data, raising the project count past 100 and exposing the pagination gap.