

ERD – Project Ops V2

Project Entity

_id: ObjectId

name: string, code: string (unique), description: string?

owner: string (e.g., 'Dotan')

status: active | paused | deprecated

lifecycleStage: idea | planned | in_development | ready_for_deploy | live | maintenance | on_hold

priority: low | medium | high

nextAction: string (short description of what to do next).

targetReleaseDate: Date? (for planning).

tags: [string], createdAt, updatedAt.

Service Entity

_id: ObjectId, projectId: ObjectId → projects._id

name: string, type: backend | frontend | db | worker | automation | other

provider: render | netlify | mongodb_atlas | make | supabase | other

providerInternalId: string (service id / site id / scenario id / cluster name).

url: string? (public URL if exists), dashboardUrl: string? (provider UI link).

region: string?, status: unknown | up | down | degraded | ok | failing | stale

lastCheckedAt: Date?, lastDeployAt: Date?.

Automation fields: lastRunAt: Date?, lastRunStatus: success | error | null, expectedFrequencyMinutes: number?

providerStatus: object? (raw provider info), notes: string?, createdAt, updatedAt.

Metric Entity

_id: ObjectId, serviceId: ObjectId → services._id

metricName: string, e.g.: health, response_time_ms, deploy_status, db_health, automation_status, automation_duration_ms.

metricValue: string | number | object.

collectedAt: Date.

Optional WorkItem Entity

_id: ObjectId, projectId: ObjectId → projects._id

title: string, type: dev | automation | infra | content | other.

status: todo | in_progress | blocked | done.

priority: low | medium | high.

dueDate: Date?, blockedBy: ObjectId? (self-reference).

tags: [string], createdAt, updatedAt.

Relationships (Text)

Project (1) ——< Service (N)

Project (1) ——< WorkItem (N)

Service (1) ——< Metric (N)