

# Process Manager - Low Level Design Document

## 1. Detailed Component Design

### Class Diagrams



## Data Structures & Relationships

- `ServiceData` : Represents a service with name, context, port, replicas.
- `IntegrationsResponse` : Integration metadata for tenants.
- `Tenant` , `TenantDB` , `TenantBackup` : Tenant and database details.
- `SessionStruct` : MongoDB session wrapper.
- Global maps: `SystemServices` , `CoreServices` , `BatchServices` , `SecuraaAppServices` (all map[string]ServiceData).

## 2. Database Design

### Entity Relationship Diagram



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