

**Data Model**

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Version: Click here to enter text.

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# Introduction

The purpose of this Data Model document is to set out the data design and the configuration parameters required to translate the design into a working application. This document is intended for data designers, technical architects, and database administrators of the project.

# Data Design Overview

## Analysis and Design Methodologies/Tools

## Subject Area Data

## Distribution Architecture

# Data Entities

## Data Entry List

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Entity Description | | | | | |
| Entity Name | Attribute Names | Attribute Description | Data Type | Length | Format |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

## Transaction/Entity Map

|  |  |  |
| --- | --- | --- |
| Mapping of User Actions into DB Transactions | | |
| **User Actions Ex.** Enter Order info **Ex.** Enter new client info | **Application Transactions Ex.** Order **Ex.** Add Client | **Entities Affected Ex.** Order\_record **Ex.** Client\_record |
|  |  |  |
|  |  |  |

## 

## Entity Relationship Diagram:

# Logical Data Model

## Logical Data Model

# Physical Data Model

## Created Tables

## Tablespaces

## Memory and Volumetrics

Provide the sizing estimates in the table format as shown below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Volumetrics Table | | | | |
| Object | Minimum | Average | Maximum | Assumptions |
| Database Growth |  |  |  |  |
| Retention Requirements   * On-line * Off-line * Archive |  |  |  |  |
| Number of Concurrent Users (Growth) |  |  |  |  |

## Data Partitioning

## Created Indexes

## Disk Configuration

|  |  |  |  |
| --- | --- | --- | --- |
| Transaction Type #1  Volume (#per time period) |  |  |  |
| Transaction Type #2  Volume (#per time period) |  |  |  |
| Transaction Type #  Volume (#per time period) |  |  |  |
| Other volumetrics |  |  |  |

## 

## Physical Data Model:

**Approval Signatures**

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Signature** |
| **Project Sponsor** |  |  |
| **Project Manager** |  |  |
| **Client Representative** |  |  |
| **Quality Assurance** |  |  |
| **Author** |  |  |