Database Design Document

# Introduction

This document is going to list out the physical aspect of the database.

# Assumption and Constraints

Due to the limited nature of the documentation provided, we are unable to be certain of the following:

* Product code
* Product naming conventions

# Identified Issues

In a re-engineered database, we would recommend dropping the product code entirely and simply rely on the primary key

# Personnel

The following individuals worked on this project

* Analyst – Tweedle Dee
* Architect – Tweedle Dee
* Quality Assurance – Tweedle Dumb
* Documentation Specialist – Tweedle Dumb

# Entities

Database Name: sample\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Revision: 1

Date: 2016-06-01

Author: Tweedle Dumb

|  |  |  |
| --- | --- | --- |
| Entity Name | Entity Type | Relates to |
| users | Table |  |
| user\_logs | table | users |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Notes:

User logs lists all the different actions that affected the users table.

# Entity Details

## Fields Form - Users

Database Name: sample Revision: 1.0

Entity Name: users Date: 2016-06-01

Author: Tweedle Dumb

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data type | Field Properties | Relates to |
| id | serial | Primary key |  |
| username | Varchar(50) | Not null |  |
| password | Varchar(50) | Not null |  |
| name | Varchar(50) |  |  |
| email | Varchar(100) |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Notes:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Fields Form – User Logs

Database Name: sample Revision: 1.0

Entity Name: user\_logs Date: 2016-06-01

Author: Tweedle Dumb

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data type | Field Properties | Relates to |
| id | serial | Primary key |  |
| user\_id | in | Not null | users |
| created | timestamp | default now() |  |
| log | text |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Notes:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Basic ERD



# Physical ERD

