## 数据库设计

注：

1. 数据库SQL构建命令在reviewsystem\db目录下
2. Bigint对应java中的long类型
3. Varchar(10)对应10位英文，5位汉字

User用户

|  |  |  |
| --- | --- | --- |
| Id | Bigint | ID |
| EmailAddress | varchar(50) | 邮箱 |
| Name | varchar(50) | 昵称 |
| Password | varchar(50) | 密码 |

Review评审

|  |  |  |
| --- | --- | --- |
| Id | Bigint |  |
| UserId | Bigint | 发起人ID |
| Title | varchar(50) | 标题 |
| Description | varchar(400) | 描述（200字） |
| Status | int | 状态 |
| Type | int | 类型 |

Invatation邀请

|  |  |  |
| --- | --- | --- |
| Id | Bigint |  |
| ReviewId | Bigint | 评审ID |
| UserId | Bigint | 被邀请用户ID |
| IsRead | boolean | 已读/未读 |

Group联系人组

|  |  |  |
| --- | --- | --- |
| Id | bigint |  |
| UserId | bigint | 用户ID |
| GroupName | varchar(50) | 组名 |

contact\_group\_relation联系人与组关系

|  |  |  |
| --- | --- | --- |
| Id | bigint |  |
| GroupId | bigint | 组ID |
| ContactId | bigint | 联系人ID |

Doc\_position文档位置

|  |  |  |
| --- | --- | --- |
| Id | bigint |  |
| Line | int | 行数 |
| page | int | 页数 |

Code\_position代码位置

|  |  |  |
| --- | --- | --- |
| Id | bigint |  |
| Line | int | 行数 |
| FileName | varchar(50) | 文件名 |

deficiency缺陷

|  |  |  |
| --- | --- | --- |
| Id | bigint |  |
| ReviewId | bigint | 评审ID |
| UserId | bigint | 用户ID |
| PostionId | bigint | 位置ID |
| Status | int | 状态 |
| Content | varchar(400) | 内容 |

Deficiency\_combination\_record缺陷合并记录

|  |  |  |
| --- | --- | --- |
| Id | bigint |  |
| Did | bigint | 合并缺陷 |
| cid | bigint | 被合并缺陷 |

Enum

Review Type

|  |  |
| --- | --- |
| 100 | 文档 |
| 200 | 代码 |

Review Status

|  |  |
| --- | --- |
| 100 | 打开 |
| 200 | 关闭 |

Deficiency Status

|  |  |
| --- | --- |
| 100 | 评审（未被处理） |
| 200 | 缺陷 |
| 300 | 被否决 |
| 400 | 被合并 |