## DrWithYou. Product Database Design.

**Designer: AkChen.**

**Tool: PowerDesigner**

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| **版本** | **最后修改时间** | **修改人** | **修改内容** |
| **V1.0** | **2017/4/10** | **陈冬** | **第一次修订** |
| **V1.1** | **2017/4/11** | **陈冬** | **Userinfo添加illness属性** |
| **V1.2** | **2017/4/11** | **陈冬** | **Userinfo添加begintime、endtme属性** |
| **V1.3** | **2017/4/12** | **陈冬** | **User 添加token属性** |
| **V1.4** | **2017/4/21** | **陈冬** | **Userinfo属性 name phone、illness、begintime、endtime、去掉NOT NULL.因为可能存医生信息。**  **Userinfo添加sex属性、**  **Userinfo 添加iconpath属性、**  **Userinfo 添加 idcard属性** |
| **V2.0** | **2017/4/24** | **陈冬** | **添加id属性** |

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| **User 记录用户账户** | | | |
| **字段名** | **数据类型** | **限制条件** | **含义** |
| **Username** | **Varchar(32)** | **Primary key** | **登录用户用户名** |
| **Password** | **Varchar(32)** | **NOT NULL** | **密码的MD5值** |
| **Bedoctor** | **boolean** | **NOT NULL** | **是否是医生** |
| **token** | **Varchar(36)** | **NOT NULL** | **账户登录验证guid** |

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| **UserInfo 记录用户信息** | | | |
| **字段名** | **数据类型** | **限制条件** | **含义** |
| **username** | **Varchar(32)** | **Fk user.username** | **用户名** |
| **name** | **Varchar(32)** | **无** | **姓名** |
| **Phone** | **Varchar(11)** | **无** | **电话号码** |
| **Illness** | **Varchar(32)** | **无** | **病人疾病** |
| **Begintime** | **Varchar(32)** | **无** | **检查开始时间** |
| **Endtime** | **Varchar(32)** | **无** | **检查结束时间** |
| **Sex** | **Varchar(10)** | **无** | **性别** |
| **Iconpath** | **Varchar(64)** | **无** | **头像路径** |
| **Idcard** | **Varchar(18)** | **无** | **身份证号** |

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| **PatientDoctor 记录医患关系** | | | |
| **字段名** | **数据类型** | **限制条件** | **含义** |
| **doctorusr** | **Varchar(32)** | **NOT NULL**  **fk user.username** | **医生用户名** |
| **patientusr** | **Varchar(32)** | **NOT NULL**  **fk usre.username** | **患者用户名** |

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| **CheckItem 检查项** | | | |
| **字段名** | **数据类型** | **限制条件** | **含义** |
| **Itemname** | **Varchar(32)** | **Not null** | **检查项名称** |
| **Checktime** | **Varchar(32)** | **Not null** | **检查时间** |
| **Creator** | **Varchar(32)** | **NOT NULL**  **Fk user.username** | **创建者的用户名** |
| **Description** | **Varchar(1024)** | **无** | **检查相描述** |
| **cid** | **Int(10)** | **Primary key** | **检查相id** |

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| **Templet 模版** | | | |
| **字段名** | **数据类型** | **限制条件** | **含义** |
| **Templetname** | **Varchar(32)** | **Not null** | **模版名** |
| **Creator** | **Varchar(32)** | **Fk user.username** | **创建者用户名** |
| **Suitable** | **Varchar(32)** | **NOT NULL** | **适用病症** |
| **Description** | **Varchar(1024)** | **无** | **模版描述** |
| **tid** | **Int(10)** | **Primary key** | **模版id** |

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| **UserCheckItem 病人与检查相对应关系表格** | | | |
| **字段名** | **数据类型** | **限制条件** | **含义** |
| **Username** | **Varchar(32)** | **Pk. Fk user.username** | **病人的用户名** |
| **id** | **Int(10)** | **PK fk checkitem.cid** | **检查相id** |

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| **CheckedItem 检查相记录** | | | |
| **字段名** | **数据类型** | **限制条件** | **含义** |
| **Username** | **Varchar(32)** | **Not null,fk user.username** | **提交的患者用户名** |
| **id** | **Int(10)** | **Fk check.cid** | **检查相id** |
| **submittime** | **Varchar(32)** | **Not null** | **提交时间** |
| **value** | **float** | **无** | **检查结果值** |

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| **TempletCheckItem 模版和检查相对应关系** | | | |
| **字段名** | **数据类型** | **限制条件** | **含义** |
| **cid** | **Int(10)** | **pk fk checkitem.cid** | **检查相id** |
| **tid** | **Int(10)** | **Pk fk templet.tid** | **模版id** |

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| **Usertemplet 患者和模版对应关系** | | | |
| **字段名** | **数据类型** | **限制条件** | **含义** |
| **Username** | **Varchar(32)** | **Pk,fk user.username** | **患者用户名** |
| **Tid** | **Int(10)** | **Pk fk templet.tid** | **模版id** |

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| **Message 留言记录** | | | |
| **字段名** | **数据类型** | **限制条件** | **含义** |
| **Sender** | **Varchar(32)** | **Fk user.username** | **发送者** |
| **receiver** | **Varchar(32)** | **Fk user.username** | **接受者** |
| **Msg** | **Varchar(512)** | **NOT NULL** | **信息内容** |
| **Time** | **Varchar(32)** | **NOT NULL** | **时间** |