create database Issue;

use Issue;

create table report (

`id` int(11) NOT NULL AUTO\_INCREMENT PRIMARY KEY,

`issueId` varchar(1024) NOT NULL ,

`title` varchar(1024) NOT NULL,

`type` varchar(1024) NOT NULL, #类型

`level` enum('低','一般','较高','最高'), #等级

`version` varchar(1024) NOT NULL, #版本

`creator` varchar(1024) NOT NULL, #创建者

`createDate` datetime NOT NULL, #创建时间

`modifier` varchar(1024) NOT NULL, #修改者

`state` int(11), #状态

`planDate` datetime not null, #计划完成时间

`endDate` datetime , #结束时间

`content` mediumtext, #内容

`solution` mediumtext, #解决方案

CONSTRAINT `report\_ibfk\_2` FOREIGN KEY (`state`) REFERENCES `IssueState` (`sid`) #添加外键

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

create table IssueState (

`id` int(11) NOT NULL AUTO\_INCREMENT PRIMARY KEY,

`sid` int(11) unique NOT NULL , #外键（连接issue报表的state）

`detail` varchar(1024) NOT NULL #issue状态

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

create table user (

`id` int(11) NOT NULL AUTO\_INCREMENT PRIMARY KEY,

`userId` varchar(1024) unique not null, #用户id

`name` varchar(1024) not null, #用户名

`email` varchar(1024) not null, #邮箱

`password` varchar(1024) not null, #密码

`signUp` datetime not null, #注册时间

`permission` int(11) not null Default 1, #用户等级

`userState` enum('激活','注销') Default '激活',

`url` varchar(1024),

CONSTRAINT `user\_ibfk\_1` FOREIGN KEY (`permission`) REFERENCES `identity` (`pid`) #添加外键

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

create table identity (

`id` int(11) NOT NULL AUTO\_INCREMENT PRIMARY KEY,

`pid` int(11) unique not null , #外键，连接user的permission

`position` varchar(1024) # 权限

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

insert into identity(pid,position)

values(1,'普通用户'),

(2,'经理'),

(3,'Admin');

insert into issueState(sid,detail)

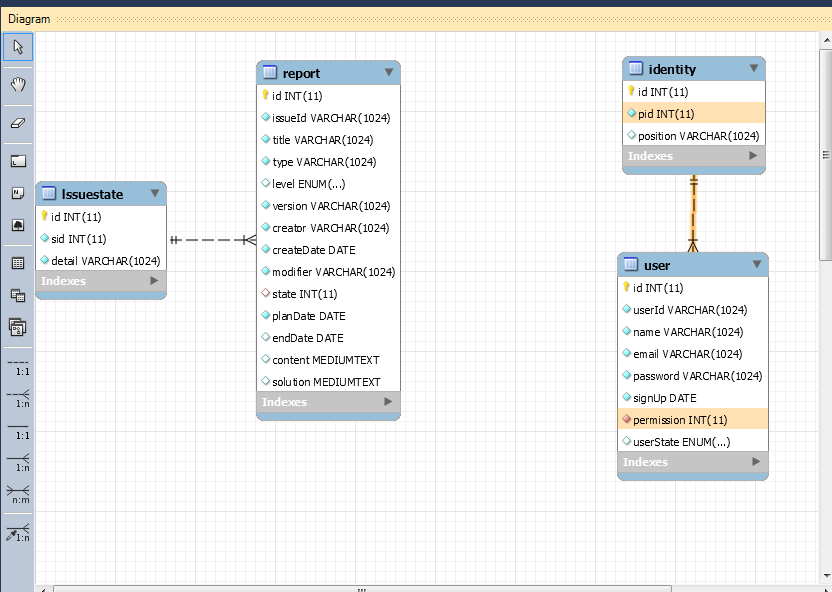
values(1,'待解决'),

(2,'待验证'),

(3,'已关闭');

insert into user(userId,name,email,password,signUp,permission) [value('Admin','admin','admin@127.0.0.1','Admin123','2020-11-13',3);](mailto:value('Admin','admin','admin@127.0.0.1','Admin123','2020-11-13',3);) #注册admin账户

select \* from user join identity where user.permission=identity.pid; #检测外键，可不必理会



复杂sql

SELECT

user.userId,

user.name,

(SELECT COUNT(report.id) FROM report WHERE report.creator=user.userId) AS '创建数',

(SELECT COUNT(report.id) FROM report WHERE report.modifier=user.userId) AS '修改数' ,

(SELECT COUNT(report.id) FROM report WHERE report.modifier=user.userId and report.state = 3) AS '完成数'

FROM

user,report

GROUP BY

user.id;