**关系模式**

·Account(account\_id, stu\_id, password, account\_type, create\_time, login\_info\_id)

Primary key: account\_id

Foreign key: stu\_id references Student(stu\_id)

login\_info\_id references Login\_Info(login\_info\_id)

//账户

·Student(stu\_id, name, account\_id, point)

Primary key:stu\_id

Foreign key:account\_id references Account(account\_id)

//对应用户

·Administer(admin\_id, admin\_name, account\_id)

Primary key:admin\_id

Foreign key:account\_id references Account(account\_id)

//对应管理员

·Login\_Info(login\_info\_id, account\_id, login\_time, login\_location)

Primary key: login\_info\_id

Foreign key: account\_id references Account(account\_id)

//登录信息

·Violation\_Info(account\_id, violation\_description, violation\_time)

Primary key: account\_id

Foreign key:account\_id references Account(account\_id)

//违规信息，对应后面的report关系模式

·Account\_Profile(account\_id, avatar, otherinfo,registration\_time)

Primary key: account\_id

Foreign key: account\_id references Account(account\_id)

//对应账户概要

·Blog(blog\_id, account\_id, blog\_type, title, release\_time, interactive\_rating, is\_legal)

Primary key:blog\_id

Foreign key:account\_id references Account(account\_id)

//博客模块；interactive\_rating是一个需要定期更新的属性

·Blog\_Ratings(blog\_rating\_id, blog\_id, account\_id,rating\_value, rating\_time)

Primary key:blog\_rating\_id

Foreign key:blog\_id references Blog(blog\_id)

account\_id references Account(account\_id)

//博客文章评分表

·Blog\_Comment(comment\_id, blog\_id, comment\_content, commentator\_id, comment\_time)

Primary key: comment\_id, blog\_id

Foreign key: blog\_id references Blog(blog\_id)

commentator\_id references Account(account\_id)

//博客评论，通过blog\_id关联

·Apply(apply\_id, account\_id, apply\_type, apply\_time, is\_approved)

Primary key: apply\_id

Foreign key: account\_id references Account(account\_id)

//申请

·Report(report\_id,reporter\_id,reported\_user\_id,

reported\_content\_id, report\_type, report\_time)

Primary key: report\_id

Foreign key: reporter\_id references Account(account\_id)

reported\_user\_id references Account(account\_id)

//用户举报记录表

·Report\_approval\_history(approval\_id,report\_id, approval\_result, approval\_time)

Primary key: approval\_id

Foreign key: report\_id references Report(report\_id)

//举报审核记录表；包含各类举报；不仅限于blog和garden

·Garden(garden\_id, owner\_id, create\_time, garden\_pos, garden\_size, rating, is\_public)

Primary key:garden\_id

Foreign key:owner\_id references Account(account\_id)

//花园信息

·Garden\_Maintenance(garden\_id,maintenance\_id, maintenance\_time,

maintainer\_id, maintenance\_description)

Primary key:garden\_id,maintenance\_id

Foreign key:garden\_id references Garden(garden\_id)

maintainer\_id references Account(account\_id)

//花园维护信息 此表对garden做信息补充

·Garden\_Activity(activity\_id,garden\_id, activity\_name, activity\_time, activity\_theme)

Primary key:activity\_id

Foreign key:garden\_id references Garden(garden\_id)

//花园活动表

·Garden\_Invitation(invitation\_id, activity\_id,invitee\_id)

Primary key: invitation\_id

Foreign key: activity\_id references Garden\_Activity (activity\_id)

invitee\_id references Account(account\_id)

//活动邀请

·Points\_Mall(item\_id, item\_name, item\_type, points\_required, item\_storage)

Primary key:item\_id

//商城内容

·Points\_Redeem(redeem\_id,account\_id,item\_id, redeem\_time)

Primary key:redeem\_id

Foreign key: account\_id references Account(account\_id)

item\_id references Points\_Mall(item\_id)

//兑换记录

·Voluntary\_Activities(act\_id, garden\_id, act\_description, act\_points, act\_recruitment\_id, act\_participants\_id)

Primary key: act\_id

Foreign key: act\_recruitment\_id references Act\_Recruitment(act\_recruitment\_id)

garden\_id references Garden(garden\_id)

//志愿活动信息

·Act\_Application(act\_application\_id, act\_id, account\_id, app\_description, application\_result,is\_approved)

Primary key: act\_application \_id

Foreign key: account\_id references Account(account\_id)

act\_id references Voluntary\_Activities(act\_id)

//申请参加志愿活动信息

·Act\_Recruitment (act\_recruitment\_id, garden\_id,recruiter\_id,recruiter\_time,recruiter\_content)

Primary key: act\_recruitment\_id

Foreign key: garden\_id references Garden(garden\_id)

recruiter\_id references Account(account\_id)

//志愿活动招募信息

·Act\_Works (act\_id, act\_works\_id, worker\_id, work\_description, work\_time, submission\_time, rewards)

Primary key: act\_works\_id

Foreign key: act\_id references Voluntary\_Activities(act\_id)

worker\_id references Account(account\_id)

//工作记录