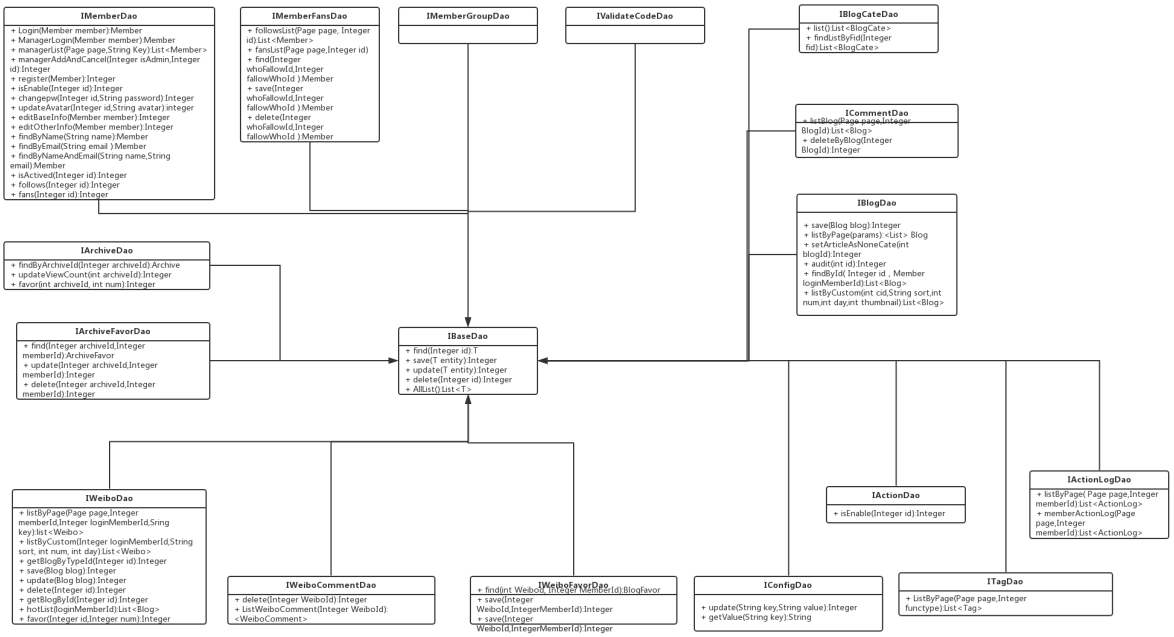
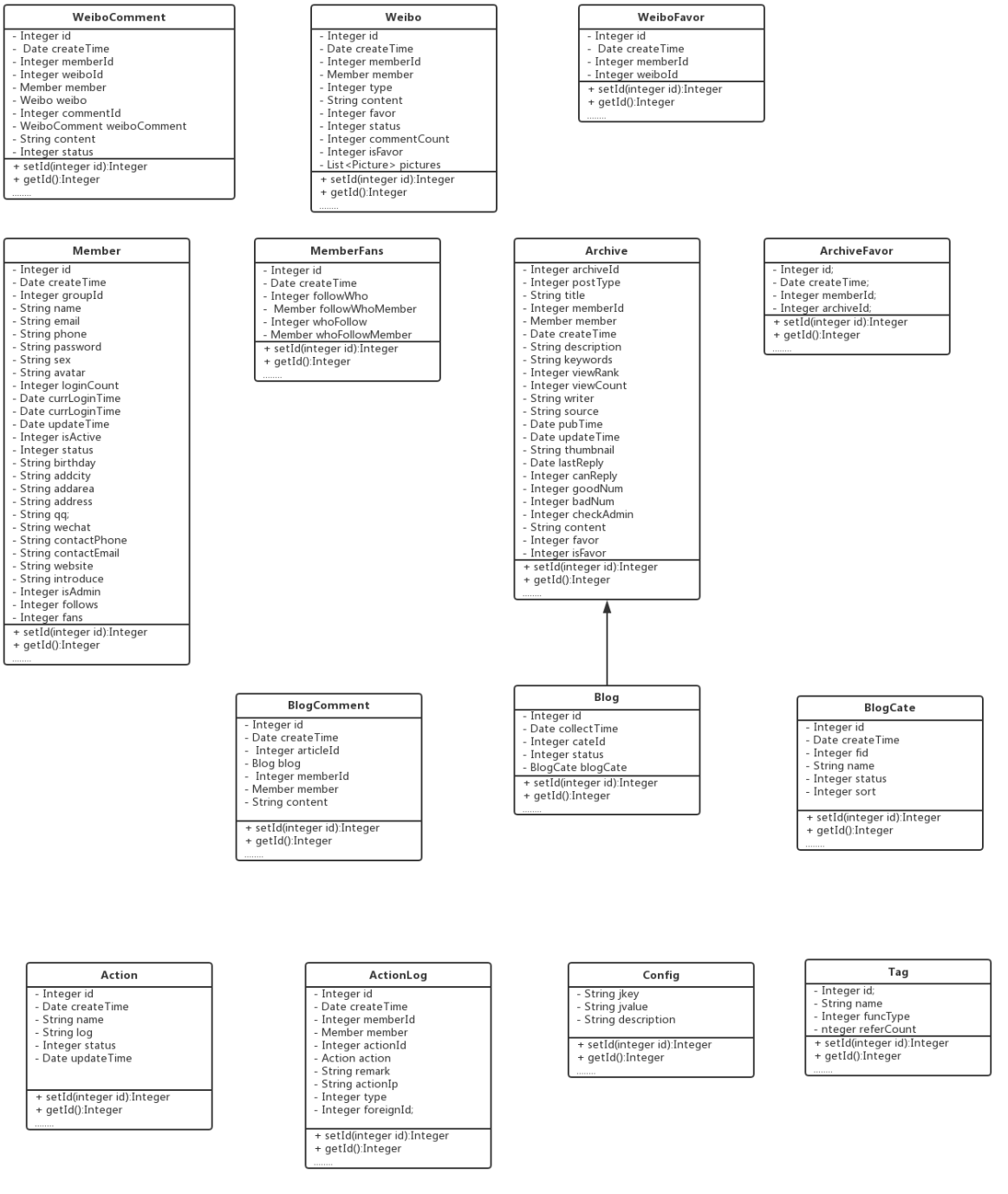
系统架构设计

一、类图

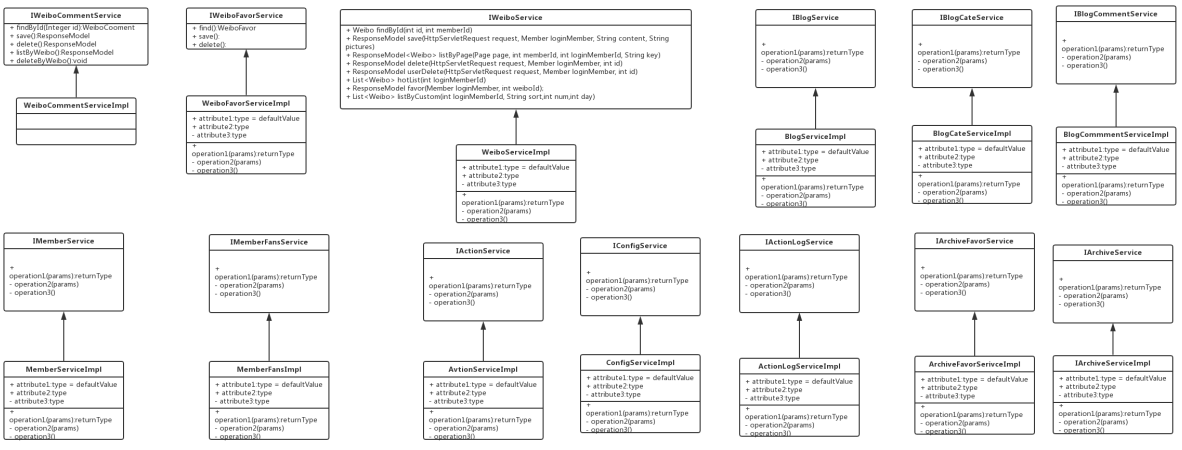
1. 接口



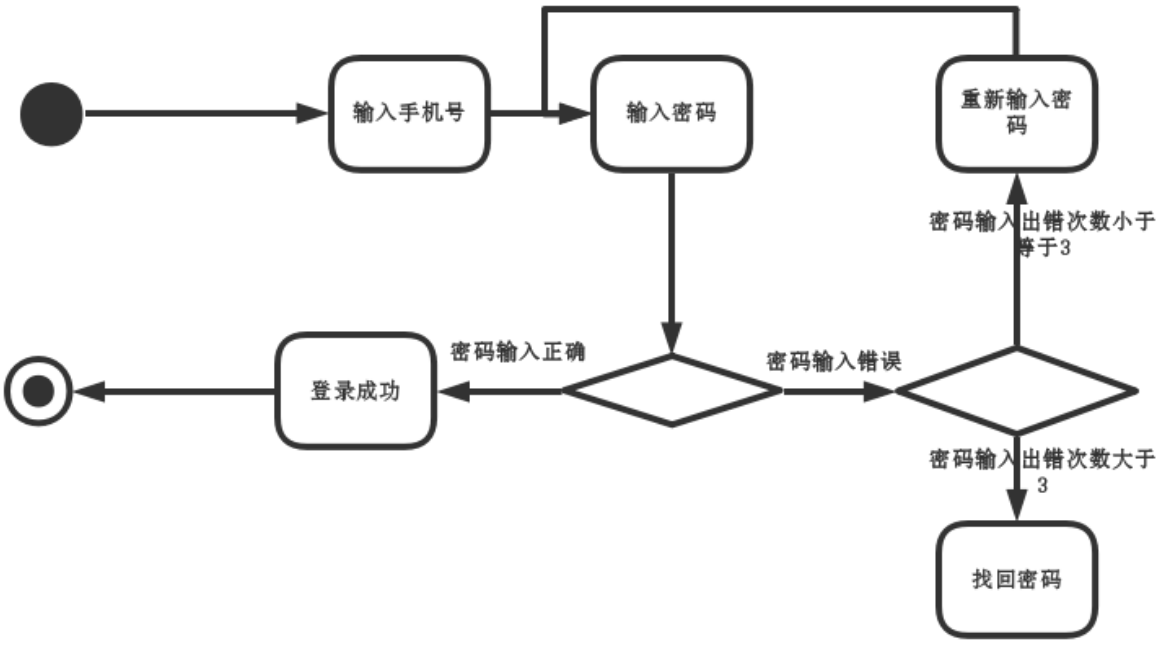
2. 实体类图


WeiboComment
- Integer id
- Date createTime
- Integer memberId
- Integer weiboId
- Member member
- Weibo weibo
- Integer commentId
- WeiboComment weiboComment
- String content
- Integer status
+ setId(integer id):Integer
+ getId():Integer
Weibo
- Integer id
- Date createTime
- Integer memberId
- Member member
- Integer type
- String content
- Integer favor
- Integer status
- Integer commentCount
- Integer isFavor
- List<Picture> pictures
+ setId(integer id):Integer
+ getId():Integer
WeiboFavor
- Integer id
- Date createTime
- Integer memberId
- Integer weiboId
+ setId(integer id):Integer
+ getId():Integer
Member
- Integer id
- Date createTime
- Integer groupId
- String name
- String email
- String phone
- String password
- String sex
- String avatar
- Integer loginCount
- Date currLoginTime
- Date currLoginTime
- Date updateTime
- Integer isActive
- Integer status
- String birthday
- String addcity
- String addarea
- String address
- String qq;
- String wechat
- String contactPhone
- String contactEmail
- String website
- String introduce
- Integer isAdmin
- Integer follows
- Integer fans
+ setId(integer id):Integer
+ getId():Integer
MemberFans
- Integer id
- Date createTime
- Integer followWho
- Member followWhoMember
- Integer whoFollow
- Member whoFollowMember
+ setId(integer id):Integer
+ getId():Integer
Archive
- Integer archiveId
- Integer postType
- String title
- Integer memberId
- Member member
- Date createTime
- String description
- String keywords
- Integer viewRank
- Integer viewCount
- String writer
- String source
- Date pubTime
- Date updateTime
- String thumbnail
- Date lastReply
- Integer canReply
- Integer goodNum
- Integer badNum
- Integer checkAdmin
- String content
- Integer favor
- Integer isFavor
+ setId(integer id):Integer
+ getId():Integer
ArchiveFavor
- Integer id;
- Date createTime;
- Integer memberId;
- Integer archiveId;
+ setId(integer id):Integer
+ getId():Integer
BlogComment
- Integer id
- Date createTime
- Integer articleId
- Blog blog
- Integer memberId
- Member member
- String content
+ setId(integer id):Integer
+ getId():Integer
Blog
- Integer id
- Date collectTime
- Integer cateId
- Integer status
- BlogCate blogCate
+ setId(integer id):Integer
+ getId():Integer
BlogCate
- Integer id
- Date createTime
- Integer fid
- String name
- Integer status
- Integer sort
+ setId(integer id):Integer
+ getId():Integer
Action
- Integer id
- Date createTime
- String name
- String log
- Integer status
- Date updateTime
+ setId(integer id):Integer
+ getId():Integer
ActionLog
- Integer id
- Date createTime
- Integer memberId
- Member member
- Integer actionId
- Action action
- String remark
- String actionIp
- Integer type
- Integer foreignId;
+ setId(integer id):Integer
+ getId():Integer
Config
- String jkey
- String jvalue
- String description
+ setId(integer id):Integer
+ getId():Integer
Tag
- Integer id;
- String name
- Integer funcType
- nteger referCount
+ setId(integer id):Integer
+ getId():Integer

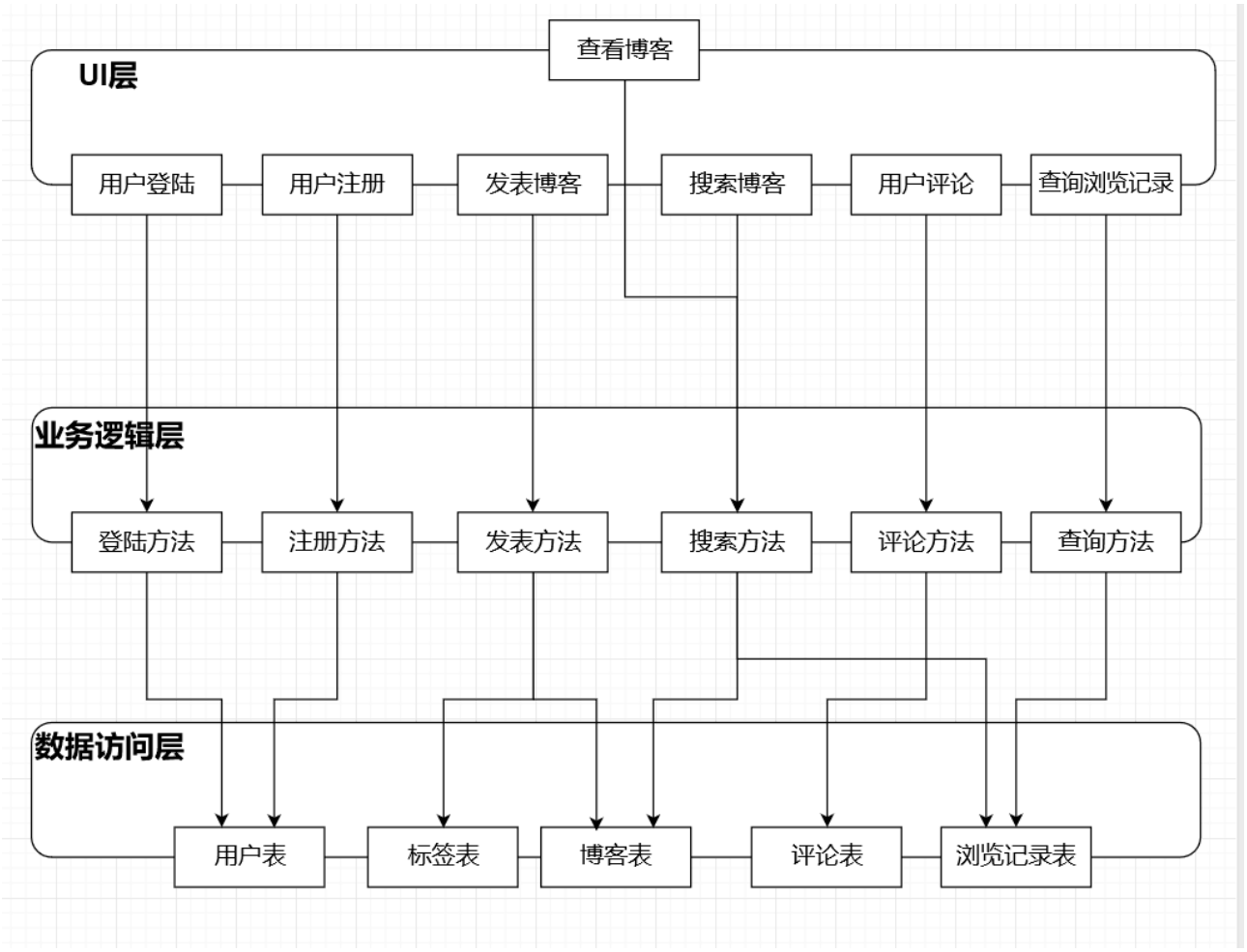
3. 实现类图


IWeiboCommentService
WeiboCommentServiceImpl
IWeiboFavorService
WeiboFavorServiceImpl
IWeiboService
WeiboServiceImpl
IBlogService
BlogServiceImpl
IBlogCateService
BlogCateServiceImpl
IBlogCommentService
BlogCommentServiceImpl
IMemberService
MemberServiceImpl
IMemberFansService
MemberFansImpl
IActionService
AvtionServiceImpl
IConfigService
ConfigServiceImpl
IActionLogService
ActionLogServiceImpl
IArchiveFavorService
ArchiveFavorSerivceImpl
IArchiveService
IArchiveServiceImpl

二、状态图



三、整体系统架构图



数据库设计

一、表设计

1.Member 用户表
uidint primary key
unamevarchar(31)
passwordvarchar(31)
phoneNumchar(11)
genderchar(1)
emailvarchar(31)

2.Manager 管理员表
midint primary key
mnamevarchar(31)
passwordvarchar(31)
phoneNumchar(11)

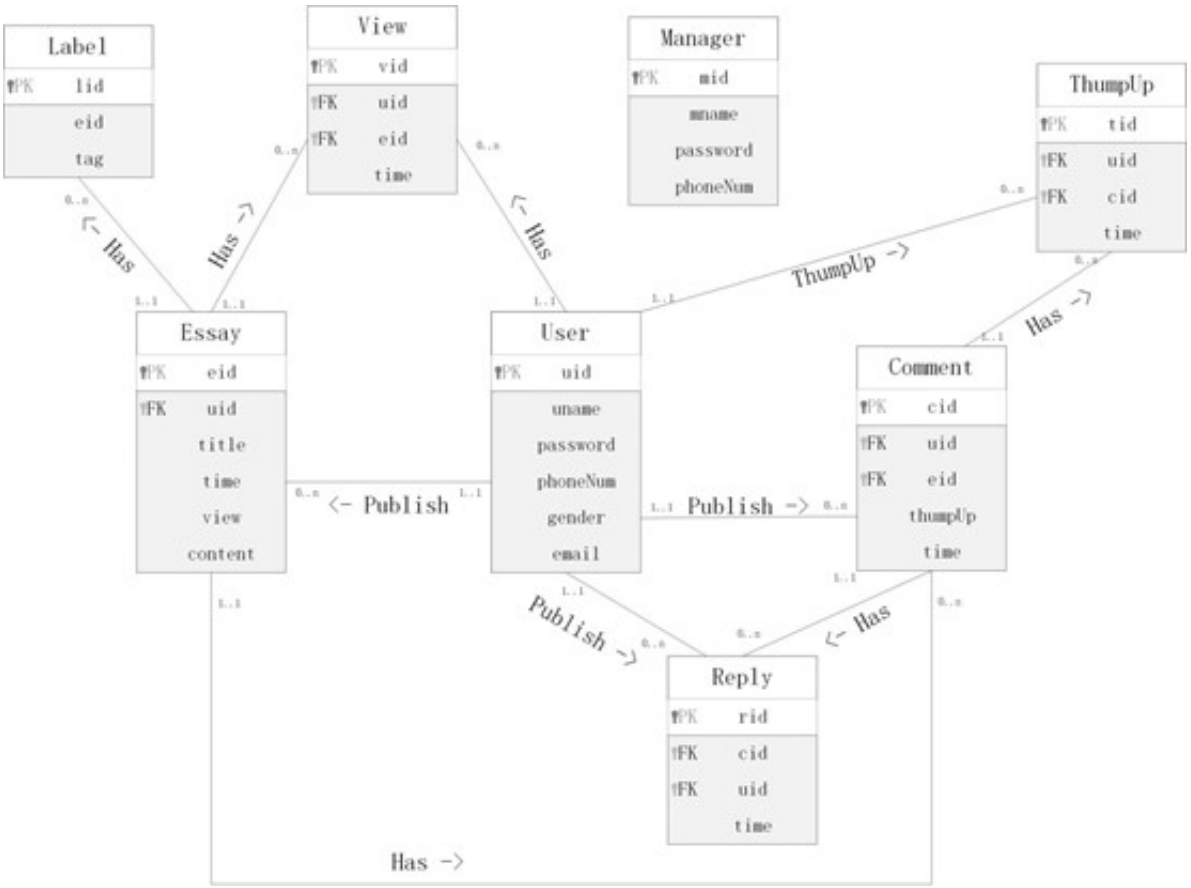
3.Essay 博文表
eidint primary key
uidint foreign key
titlevarchar(63)
timedatetime
viewint
contentvarchar(4095)

4.Label 博文标签表
lidint primary key
eidint foreign key
tagvarchar(15)

5.View 浏览记录表
vidint primary key
uidint foreign key
eidint foreign key
timedatetime

6.Comment 评论表
cidint primary key
uidint foreign key
eidint foreign key
thumpUpint
timedatetime

7.Reply 回复表
ridint primary key
cidint foreign key
uidint foreign key
timedatetime

8.ThumbUp 点赞表
tidint primary key
uidint foreign key
cidint foreign key
timedatetime

二、ER关系图