N

1

M

N

JOIN

RECORD

GROUPLOG

GID

GTIME

GCONTENT

1

1

N

RECEIVE

1

CATEGORY

CNAME

CID

USER

N

N

BELONG

1

INCAT

OUTCAT

CRELATION

1

USERGROUP

GNAME

USER

GDESCRIPTION

1

N

N

N

1

N

N

1

1

N

SEND

NOTIFY

NOTICE

NID

NTIME

NCONTENT

INVATATION

IID

ITIME

ICONTENT

AIM

FROM

USER

EMAIL

NICKNAME

PASSWORD

REG\_TIME

REG\_TIME

LOG\_TIME

TO

COMMENT

CID

CTIME

CCONTENT

IN

NOTE

TITLE

USER

KEYWORD

NCONTENT

MOD\_TIME

PUB\_TIME

VISIABLE