user (uid: INTEGER, email: CHAR, password: CHAR, profile: CHAR)

comments (cid: INTEGER, content: CHAR, datetime: DATETIME)

posts (pid: INTEGER, title: CHAR, content: CHAR, datetime: DATETIME)

add/del\_1 (cid: INTEGER, uid: INTEGER) uid is the foreign key reference to user and cid is the foreign key reference to comments

add/del\_2 (pid: INTEGER, uid: INTEGER)

have\_1 (cid: INTEGER, pid: INTEGER) cid is the foreign key reference to comments and pid is the foreign key reference to posts

admin (uid: INTEGER, permission\_level: INTEGER)

advertisement (id: INTEGER, content: CHAR, uid: INTEGER) uid is the foreign key reference to admin

categories (cat\_id: INTEGER, cat\_name: CHAR, cat\_desc: CHAR)

manage (uid: INTEGER, cid: INTEGER)

subscribe (uid: INTEGER, cid: INTEGER)

classify (pid: INTEGER, cat\_id: INTEGER) cat\_id is the foreign key reference to categories and pid is the foreign key reference to posts

groups ( gid: INTEGER, des: CHAR)

create ( gid: INTEGER, uid: INTEGER) gid is the foreign key reference to groups and uid is the foreign key reference to admin

join ( gid: INTEGER，uid: INTEGER)

announcement (gid: INTEGER, aid: INTEGER, title: CHAR, content: CHAR)