基表结构：

user(<u>count</u>,pswd);

contact(<u>count</u>,name);

email(<u>id</u>,title,body,ip_id);

IP(<u>id</u>,IPaddress,IPname);

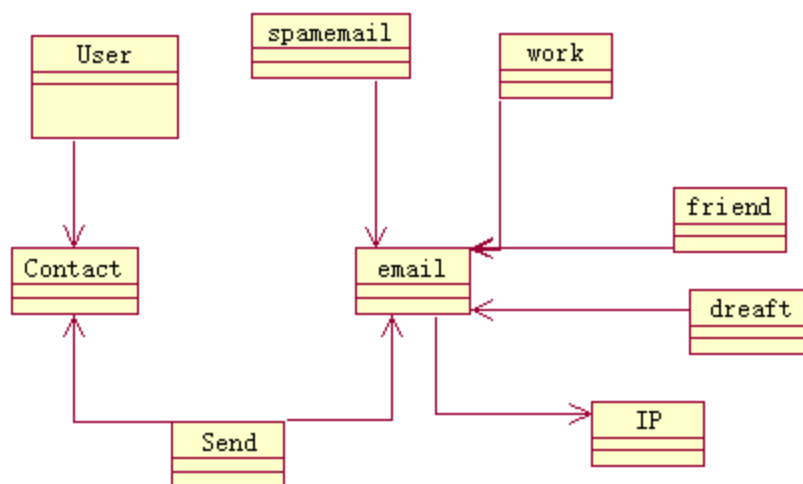send(<u>poster,email_id,reciever</u>,timestamp);

draft(<u>id</u>,timestamp);

spamemail(<u>id</u>,isTaged);

work(<u>id</u>,isTaged);

friend(<u>id</u>,isTaged);

表间关联关系为：

建表语句：

CREATE TABLE user

```sql
(
Count    VARCHAR(50),
name     VARCHAR(20),

PRIMARY KEY (Count)
);

CREATE TABLE user
(
Count VARCHAR(50),
paswd VARCHAR(50),

PRIMARY KEY (Count),
FOREIGN KEY (Count) REFERENCES contact(Count)
);

CREATE TABLE ip
(
Id            int,
IPaddress     VARCHAR(50),
IPname           VARCHAR(50),

PRIMARY KEY (Id)
);

CREATE TABLE email
(
Id      int,
Title   VARCHAR(50),
Body    VARCHAR(1000),
ip_id   int,

PRIMARY KEY (Id),
FOREIGN KEY (Ip_id) REFERENCES IP(id)
);

CREATE TABLE send
(
poster          int,
email           int,
reciever int,
timestamp    timestamp,

PRIMARY KEY (poster,email_id,reciever),
```

```
FOREIGN            KEY            (poster,email_id,reciever)            REFERENCES
contact(count),email(id),contact(count)
);

CREATE TABLE spameamil
(
Id        int,
isTaged  bool,

PRIMARY KEY (Id),
FOREIGN KEY (Id) REFERENCES email(id)
);

CREATE TABLE work
(
Id        int,
isTaged  bool,

PRIMARY KEY (Id),
FOREIGN KEY (Id) REFERENCES email(id)
);

CREATE TABLE friend
(
Id        int,
isTaged  bool,

PRIMARY KEY (Id),
FOREIGN KEY (Id) REFERENCES email(id)
);
```