这些语句放在名为webproject的数据库里

CREATE TABLE account\_info

(acc\_name VARCHAR(30),

password VARCHAR(30),

acc\_type VARCHAR(20),

PRIMARY KEY(acc\_name)

);

CREATE TABLE participant\_info

(acc\_name VARCHAR(30),

lastname VARCHAR(30),

firstname VARCHAR(30),

gender VARCHAR(10),

age INT(10),

e\_mail VARCHAR(30),

occupation VARCHAR(30),

city VARCHAR(20),

state VARCHAR(20),

country VARCHAR(20),

PRIMARY KEY(acc\_name),

FOREIGN KEY(acc\_name) REFERENCES account\_info(acc\_name)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE researcher\_info

(acc\_name VARCHAR(30),

lastname VARCHAR(30),

firstname VARCHAR(30),

gender VARCHAR(10),

age INT(10),

e\_mail VARCHAR(30),

occupation VARCHAR(30),

city VARCHAR(20),

state VARCHAR(20),

country VARCHAR(20),

PRIMARY KEY(acc\_name),

FOREIGN KEY(acc\_name) REFERENCES account\_info(acc\_name)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE study\_info

(study\_id VARCHAR(20),

study\_name VARCHAR(255),

study\_starttime DATE,

study\_endtime DATE,

study\_payment FLOAT(12,2),

study\_paymenttype VARCHAR(20);

study\_description VARCHAR(255),

study\_requirement VARCHAR(255),

PRIMARY KEY(study\_id)

);

CREATE TABLE acc\_interest

(acc\_name VARCHAR(30),

study\_id VARCHAR(20),

PRIMARY KEY(acc\_name,study\_id),

FOREIGN KEY(acc\_name) REFERENCES participant\_info(acc\_name) ON DELETE CASCADE

ON UPDATE CASCADE,

FOREIGN KEY(study\_id) REFERENCES study\_info(study\_id)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE acc\_subscribe

(acc\_name VARCHAR(30),

subscribe\_name VARCHAR(20),

PRIMARY KEY(acc\_name,subscribe\_name),

FOREIGN KEY(acc\_name) REFERENCES participant\_info(acc\_name)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE acc\_study

(acc\_name VARCHAR(30),

study\_id VARCHAR(20),

PRIMARY KEY(acc\_name,study\_id),

FOREIGN KEY(acc\_name) REFERENCES researcher\_info(acc\_name) ON DELETE CASCADE

ON UPDATE CASCADE,

FOREIGN KEY(study\_id) REFERENCES study\_info(study\_id)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE study\_types

(study\_id VARCHAR(20),

study\_type VARCHAR(20),

PRIMARY KEY(study\_id, study\_type),

FOREIGN KEY(study\_id) REFERENCES study\_info(study\_id)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE study\_keywords

(study\_id VARCHAR(20),

study\_keyword VARCHAR(20),

PRIMARY KEY(study\_id, study\_keyword),

FOREIGN KEY(study\_id) REFERENCES study\_info(study\_id)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE account\_info

(acc\_name VARCHAR(30),

password VARCHAR(30),

acc\_type VARCHAR(20),

PRIMARY KEY(acc\_name)

);

CREATE TABLE participant\_info

(acc\_name VARCHAR(30),

lastname VARCHAR(30),

firstname VARCHAR(30),

gender VARCHAR(10),

age INT(10),

e\_mail VARCHAR(30),

occupation VARCHAR(30),

city VARCHAR(20),

state VARCHAR(20),

country VARCHAR(20),

PRIMARY KEY(acc\_name),

FOREIGN KEY(acc\_name) REFERENCES account\_info(acc\_name)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE researcher\_info

(acc\_name VARCHAR(30),

lastname VARCHAR(30),

firstname VARCHAR(30),

gender VARCHAR(10),

age INT(10),

e\_mail VARCHAR(30),

occupation VARCHAR(30),

city VARCHAR(20),

state VARCHAR(20),

country VARCHAR(20),

PRIMARY KEY(acc\_name),

FOREIGN KEY(acc\_name) REFERENCES account\_info(acc\_name)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE study\_info

(study\_id VARCHAR(20),

study\_name VARCHAR(255),

study\_starttime DATE,

study\_endtime DATE,

study\_payment FLOAT(12,2),

study\_paymenttype VARCHAR(20);

study\_description VARCHAR(255),

study\_requirement VARCHAR(255),

PRIMARY KEY(study\_id)

);

CREATE TABLE acc\_interest

(acc\_name VARCHAR(30),

study\_id VARCHAR(20),

PRIMARY KEY(acc\_name,study\_id),

FOREIGN KEY(acc\_name) REFERENCES participant\_info(acc\_name) ON DELETE CASCADE

ON UPDATE CASCADE,

FOREIGN KEY(study\_id) REFERENCES study\_info(study\_id)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE acc\_subscribe

(acc\_name VARCHAR(30),

subscribe\_name VARCHAR(20),

PRIMARY KEY(acc\_name,subscribe\_name),

FOREIGN KEY(acc\_name) REFERENCES participant\_info(acc\_name)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE acc\_study

(acc\_name VARCHAR(30),

study\_id VARCHAR(20),

PRIMARY KEY(acc\_name,study\_id),

FOREIGN KEY(acc\_name) REFERENCES researcher\_info(acc\_name) ON DELETE CASCADE

ON UPDATE CASCADE,

FOREIGN KEY(study\_id) REFERENCES study\_info(study\_id)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE study\_types

(study\_id VARCHAR(20),

study\_type VARCHAR(20),

PRIMARY KEY(study\_id, study\_type),

FOREIGN KEY(study\_id) REFERENCES study\_info(study\_id)

ON DELETE CASCADE

ON UPDATE CASCADE

);

CREATE TABLE study\_keywords

(study\_id VARCHAR(20),

study\_keyword VARCHAR(20),

PRIMARY KEY(study\_id, study\_keyword),

FOREIGN KEY(study\_id) REFERENCES study\_info(study\_id)

ON DELETE CASCADE

ON UPDATE CASCADE

);