--DATABASE

-- Bảng User

CREATE TABLE "User" (

user\_id CHAR(8) PRIMARY KEY,

user\_name VARCHAR(30) UNIQUE NOT NULL,

email VARCHAR(30),

password VARCHAR(15)

);

-- Bảng Event\_Type

CREATE TABLE "Event\_Type" (

event\_type\_id INTEGER PRIMARY KEY,

event\_type\_name VARCHAR(30) UNIQUE NOT NULL,

description VARCHAR(255),

user\_id CHAR(8) REFERENCES "User"(user\_id),

priority INTEGER

);

-- Bảng Personal\_Event

CREATE TABLE "Personal\_Event" (

event\_id CHAR(8) PRIMARY KEY,

event\_name VARCHAR(255) NOT NULL,

description VARCHAR(255),

date DATE,

start\_time TIME(7),

end\_time TIME(7),

event\_type\_id INTEGER REFERENCES "Event\_Type"(event\_type\_id),

user\_id CHAR(8) REFERENCES "User"(user\_id),

status VARCHAR(15)

);

-- Bảng Group

CREATE TABLE "Group" (

group\_id CHAR(4) PRIMARY KEY,

group\_name VARCHAR(100) UNIQUE NOT NULL,

description VARCHAR(255),

creation\_date DATE

);

-- Bảng Group\_Member

CREATE TABLE "Group\_Member" (

user\_id CHAR(8) REFERENCES "User"(user\_id),

group\_id CHAR(4) REFERENCES "Group"(group\_id),

role VARCHAR(30),

PRIMARY KEY (user\_id, group\_id)

);

-- Bảng Task\_Group

CREATE TABLE "Task\_Group" (

task\_id INTEGER PRIMARY KEY,

task\_description VARCHAR(255),

deadline DATE,

status VARCHAR(10),

group\_id CHAR(4) REFERENCES "Group"(group\_id),

user\_id CHAR(8) REFERENCES "User"(user\_id),

creation\_date DATE

);