CREATE DATABASE diary;

USE diary;

CREATE TABLE diary.user(

user\_email VARCHAR(50) PRIMARY KEY,

first\_name VARCHAR(50) NOT NULL,

last\_name VARCHAR(50) NOT NULL,

nickname VARCHAR(50) NOT NULL,

pass VARCHAR(30) NOT NULL,

self\_description TEXT,

photo BLOB

);

CREATE TABLE diary.belejnik(

diary\_id BIGINT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(50) NOT NULL,

user\_email VARCHAR(50),

FOREIGN KEY(user\_email) REFERENCES diary.user(user\_email) ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE diary.note(

note\_id BIGINT AUTO\_INCREMENT PRIMARY KEY,

title VARCHAR(50) NOT NULL,

content MEDIUMTEXT,

date\_time TIMESTAMP NOT NULL,

status ENUM('private', 'public', 'friends'),

diary\_id BIGINT,

FOREIGN KEY(diary\_id) REFERENCES diary.belejnik(diary\_id) ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE diary.photos\_in\_notes(

photo\_id BIGINT AUTO\_INCREMENT PRIMARY KEY,

photo BLOB NOT NULL,

note\_id BIGINT NOT NULL,

FOREIGN KEY (note\_id) REFERENCES diary.note(note\_id) ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE diary.friends(

email1 VARCHAR(50),

email2 VARCHAR(50),

PRIMARY KEY (email1, email2),

FOREIGN KEY (email1) REFERENCES diary.user(user\_email) ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY (email2) REFERENCES diary.user(user\_email) ON DELETE CASCADE ON UPDATE CASCADE

);