CREATE TABLE users(

email varchar(50),

password varchar(16) NOT NULL,

nickname varchar(10) NOT NULL UNIQUE,

profilePicturePath varchar(300),

PRIMARY KEY(email),

CHECK(email LIKE '%@%.\_\_\_')

);

CREATE TABLE systemTags(

tag varchar(10) PRIMARY KEY

);

CREATE TABLE userInterestTags(

email varchar(50),

tag varchar(10),

FOREIGN KEY (email) REFERENCES users(email) ON DELETE CASCADE,

FOREIGN KEY (tag) REFERENCES systemTags(tag) ON DELETE CASCADE,

PRIMARY KEY(email, tag)

);

—-------------------------------------------------------------------------------------------------------------------------

CREATE TABLE bucketList(

bucketId BIGINT AUTO\_INCREMENT,

owner VARCHAR(50) NOT NULL,

title VARCHAR(30),

bucketPictPath VARCHAR(500),

isVisible BOOL DEFAULT 0,

startDate DATETIME,

endDate DATETIME,

createdDate DATETIME DEFAULT current\_date,

achievedDate DATETIME,

profilePict VARCHAR(500),

achievePict VARCHAR(500),

bucketTags VARCHAR(300),

PRIMARY KEY(bucketId),

FOREIGN KEY (owner) REFERENCES users(email) ON DELETE CASCADE,

FOREIGN KEY (original) REFERENCES bucketList(bucketId) ON DELETE SET NULL,

CHECK(endDate > startDate)

);

CREATE TABLE detailPlan(

bucketId BIGINT,

orderNumb INTEGER NOT NULL,

content VARCHAR(50),

planDate DATETIME NOT NULL,

achieved BOOL DEFAULT 0,

PRIMARY KEY(bucketId, orderNumb),

FOREIGN KEY (bucketId) REFERENCES bucketList(bucketId) ON DELETE CASCADE

);

CREATE TABLE review (

bucketId BIGINT,

reviewPaths VARCHAR(10000),

writtenDate DATETIME DEFAULT CURRENT\_TIMESTAMP,

PRIMARY KEY(bucketId),

FOREIGN KEY (bucketId) REFERENCES bucketList(bucketId) ON DELETE CASCADE,

CHECK(pictNumb < 11)

) ;

CREATE TABLE verifyRequest(

bucketId BIGINT,

content VARCHAR(500),

requestDate DATETIME DEFAULT CURRENT\_TIMESTAMP,

state INTEGER DEFAULT 0,

verifyRequestPicts VARCHAR(10000),

PRIMARY KEY(bucketId, requestDate),

FOREIGN KEY (bucketId) REFERENCES bucketList(bucketId) ON DELETE CASCADE

);

CREATE TABLE bucketListHeart(

bucketId BIGINT,

email VARCHAR(50),

PRIMARY KEY(bucketId, email),

FOREIGN KEY (bucketId) REFERENCES bucketList(bucketId) ON DELETE CASCADE,

FOREIGN KEY (email) REFERENCES users(email) ON DELETE CASCADE

);