CREATE TABLE \_User

(

\_User\_username varchar(30),

\_User\_password varchar(30) not null,

\_User\_name nvarchar(50),

\_User\_dateofbirth date,

\_User\_datecreate datetime,

\_User\_phonenumber char(15),

\_User\_email text,

\_User\_sex bit,

\_User\_address ntext,

\_Folder\_id int,

primary key(\_User\_username)

)

CREATE TABLE \_Folder

(

\_Folder\_id int,

\_Folder\_name ntext not null,

\_Folder\_datecreate datetime,

\_Folder\_parent\_id int,

primary key(\_Folder\_id)

)

CREATE TABLE \_File

(

\_File\_id int,

\_File\_name ntext not null,

\_File\_datecreate datetime,

\_File\_modified datetime,

\_File\_size decimal,

\_File\_extype varchar(10),

\_Folder\_parent\_id int

primary key(\_File\_id)

)

CREATE TABLE \_Authority

(

\_Folder\_id int,

\_File\_id int,

\_User\_username varchar(30) not null,

\_Authority\_view bit default 1,

\_Authority\_edit bit default 1,

\_Authority\_delete bit default 1

)

CREATE TABLE \_QuickAccess

(

\_User\_username varchar(30),

\_Folder\_id int

)

ALTER TABLE \_User ADD CONSTRAINT fk1 FOREIGN KEY (\_Folder\_id) REFERENCES \_Folder (\_Folder\_id);

ALTER TABLE \_Folder ADD CONSTRAINT folder\_fk1 FOREIGN KEY (\_Folder\_parent\_id) REFERENCES \_Folder (\_Folder\_id);

ALTER TABLE \_File ADD CONSTRAINT file\_fk1 FOREIGN KEY (\_Folder\_parent\_id) REFERENCES \_Folder (\_Folder\_id);

ALTER TABLE \_QuickAccess ADD CONSTRAINT quickaccess\_fk1 FOREIGN KEY (\_Folder\_id) REFERENCES \_Folder (\_Folder\_id);

ALTER TABLE \_QuickAccess ADD CONSTRAINT quickaccess\_fk2 FOREIGN KEY (\_User\_username) REFERENCES \_User (\_User\_username);

ALTER TABLE \_Authority ADD CONSTRAINT quyen\_fk1 FOREIGN KEY (\_Folder\_id) REFERENCES \_Folder (\_Folder\_id);

ALTER TABLE \_Authority ADD CONSTRAINT quyen\_fk2 FOREIGN KEY (\_File\_id) REFERENCES \_File (\_File\_id);

ALTER TABLE \_Authority ADD CONSTRAINT quyen\_fk3 FOREIGN KEY (\_User\_username) REFERENCES \_User (\_User\_username);