Drop TABLE Comp3334\_ShareFile;

Drop TABLE Comp3334\_AccFile;

Drop TABLE Comp3334\_LogCSS;

Drop TABLE Comp3334\_CSSAccount;

CREATE TABLE Comp3334\_CSSAccount(

accNo NUMBER(10) GENERATED BY DEFAULT ON NULL AS IDENTITY,

loginName VARCHAR(20) NOT NULL,

password VARCHAR(255) NOT NULL,

email VARCHAR(30) NOT NULL,

phoneNo NUMBER(8) NOT NULL,

userStatus NUMBER (1) NOT NULL,

userRight NUMBER(1) NOT NULL,

PRIMARY KEY (accNo)

);

CREATE TABLE Comp3334\_LogCSS(

logNo NUMBER(10) GENERATED BY DEFAULT ON NULL AS IDENTITY,

accNo NUMBER(10) NOT NULL,

action VARCHAR(50) NOT NULL,

logDate DATE NOT NULL,

PRIMARY KEY (logNo),

FOREIGN KEY (accNo) REFERENCES Comp3334\_CSSAccount(accNo)

);

CREATE TABLE Comp3334\_AccFile(

fileNo NUMBER(10) GENERATED BY DEFAULT ON NULL AS IDENTITY,

accNo NUMBER(10),

fileName VARCHAR(255) NOT NULL,

fileData BLOB NOT NULL,

uploadedAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

PRIMARY KEY (fileNo),

FOREIGN KEY (accNo) REFERENCES Comp3334\_CSSAccount(accNo)

);

CREATE TABLE Comp3334\_ShareFile(

fileNo NUMBER(10),

accNo NUMBER(10),

PRIMARY KEY (fileNo, accNo),

FOREIGN KEY (fileNo) REFERENCES Comp3334\_AccFile (fileNo),

FOREIGN KEY (accNo) REFERENCES Comp3334\_CSSAccount(accNo)

);

-- All account password is 'x0' and the database is stored in hash, hash format: <salt:hashpwd>

--The TOTP of 'admin' and 'user3' is same, based the hash is used on the TOTP’s SK

INSERT INTO Comp3334\_CSSAccount (loginName, password, email, phoneNo, userStatus, userRight)

VALUES ('yyy', 'AAAAAAAAAAAAAAAA:4b2a26ef18dc18e1094db03c9595d615', 'yyy@connect.polyu', 12345678, 0, 0);

INSERT INTO Comp3334\_CSSAccount (loginName, password, email, phoneNo, userStatus, userRight)

VALUES ('yyy2', 'BBBBBBBBBBBBBBBB:7b998d7fc375f627b4feeabb4168b071', 'yyy2@connect.polyu', 64578923, 0, 0);

INSERT INTO Comp3334\_CSSAccount (loginName, password, email, phoneNo, userStatus, userRight)

VALUES ('user3', 'CCCCCCCCCCCCCCCC:70a3cd8dbf9f184814d788e73860e030', 'user3@connect.polyu', 45678921, 0, 0);

INSERT INTO Comp3334\_CSSAccount (loginName, password, email, phoneNo, userStatus, userRight)

VALUES ('badacc', 'BBBBBBBBBBBBBBBB:7b998d7fc375f627b4feeabb4168b071', 'badacc@connect.polyu', 87654321, 1, 0);

INSERT INTO Comp3334\_CSSAccount (loginName, password, email, phoneNo, userStatus, userRight)

VALUES ('admin', 'CCCCCCCCCCCCCCCC:70a3cd8dbf9f184814d788e73860e030', '22027226d@connect.polyu.hk', 56635210, 0, 1);

INSERT INTO Comp3334\_AccFile (accNo, fileName, fileData)

VALUES (1, 'report.pdf', EMPTY\_BLOB());

INSERT INTO Comp3334\_AccFile (accNo, fileName, fileData)

VALUES (1, 'report2.pdf', EMPTY\_BLOB());

INSERT INTO Comp3334\_AccFile (accNo, fileName, fileData)

VALUES (2, 'yyy2\_testreport1.pdf', EMPTY\_BLOB());

INSERT INTO Comp3334\_AccFile (accNo, fileName, fileData)

VALUES (2, 'yyy2\_testreport2.pdf', EMPTY\_BLOB());

INSERT INTO Comp3334\_ShareFile (fileNo, accNo)

VALUES (1, 2);

INSERT INTO Comp3334\_ShareFile (fileNo, accNo)

VALUES (1, 3);

INSERT INTO Comp3334\_ShareFile (fileNo, accNo)

VALUES (4, 1);

commit;