**Term Project Team 11**

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**Mid-Report**

**MySQL script:**

Table User {

user\_id integer [primary key]

password varchar

username varchar

nickname varchar

email varchar

sex varchar

created\_when timestamp

follower\_num integer

following\_num integer

phone\_num integer

birth varchar

}

Table Follow {

following\_user\_id integer [ref: > User.user\_id, primary key]

followed\_user\_id integer [ref: > User.user\_id, primary key]

follow\_when timestamp

}

Table Post {

post\_id integer [primary key]

title varchar

body text [note: 'Content of the post']

user\_id integer [ref: > User.user\_id, Not Null]

created\_when timestamp

}

Table Re\_post{

re\_post\_id integer [primary key]

original\_post\_id integer [ref: > Post.post\_id, Not Null]

user\_id integer [ref: > Post.user\_id, Not Null]

content text [note: 'Content of the repost']

post\_when timestamp

}

Table Comment {

post\_id integer [ref: > Post.post\_id, Not Null]

comment\_when timestamp [primary key]

user\_id integer [ref: > User.user\_id, primary key]

comment text [note: 'Content of the comment']

}

Table Re\_comment{

re\_comment\_when timestamp [primary key]

original\_comment\_when timestamp [ref: > Comment.comment\_when]

original\_comment\_user\_id integer [ref: > Comment.user\_id]

re\_comment\_user\_id integer [ref: > User.user\_id, primary key]

}

Table Like {

post\_id integer [ref: > Post.post\_id, primary key]

user\_id integer [ref: > User.user\_id, primary key]

like\_when timestamp

}

Table Mention {

post\_id integer [ref: > Post.post\_id, primary key]

mentioned\_id integer [ref: > User.user\_id, primary key]

mention\_when timestamp [primary key]

user\_id integer [ref: > User.user\_id, Not Null]

}

Table profile {

user\_id integer [ref: > User.user\_id, primary key]

nickname varchar

following\_num integer

followed\_num integer

intro text

modify\_when timestamp [primary key]

}

**ERD:**

**텍스트, 디자인, 스크린샷이(가) 표시된 사진

자동 생성된 설명**

**JDBC Code:**

package mysql;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

public class mysql {

public static void main(String args[]){

Connection conn = null;

PreparedStatement pstmt = null;

ResultSet rs = null;

String ins = "insert into User(user\_id, password, username, nickname, email) values(?, ?, ?, ?, ?)";

String upd = "update User set user\_id = ?, email = ? where user\_id = ?";

String sel = "SELECT \* FROM User";

String del = " DELETE FROM User " + " WHERE user\_id = ? ";

try

{

Class.forName("com.mysql.jdbc.Driver");

String url = "jdbc:mysql://localhost:3306/DB?serverTimezone=Asia/Seoul&useSSL=false";

conn = DriverManager.getConnection(url, "root", "12345678");

System.out.println("Successfully Connection!");

}

catch(ClassNotFoundException e)

{

System.out.println("Failed because of not loading driver");

}

catch(SQLException e)

{

System.out.println("error : " + e);

}

//insert

try {

pstmt = conn.prepareStatement(ins);

pstmt.setInt(1, 1000);

pstmt.setString(2, "1000");

pstmt.setString(3, "노웅기");

pstmt.setString(4, "Loh");

pstmt.setString(5, "erfh@gmail.com");

int res = pstmt.executeUpdate();

if(res > 0) {

System.out.println("입력 성공");

} else {

System.out.println("입력 실패");

}

}

catch (SQLException e)

{

System.out.println("error : " + e);

}

//update

pstmt = null;

try

{

pstmt = conn.prepareStatement(upd);

pstmt.setInt(1, 1000);

pstmt.setString(2, "asfasfg@naver.com");

pstmt.setInt(3, 1000);

int r = pstmt.executeUpdate();

System.out.println("변경된 row : " + r);

}

catch (SQLException e)

{

System.out.println("[SQL Error : " + e.getMessage() + "]");

}

//select

pstmt = null;

try

{

pstmt = conn.prepareStatement(sel);

rs = pstmt.executeQuery(sel);

while (rs.next())

{

Integer user\_id = rs.getInt("user\_id");

String password = rs.getString("password");

String username = rs.getString("username");

String nickname = rs.getString("nickname");

String email = rs.getString("email");

System.out.println(user\_id + " " + password + " " + username + " " + nickname + " " + email);

}

}

catch (SQLException e)

{

System.out.println("SQL Error : " + e.getMessage());

}

//delete

pstmt = null;

try

{

pstmt = conn.prepareStatement(del);

pstmt.setInt(1, 1000);

int res = pstmt.executeUpdate();

if(res > 0) {

System.out.println("삭제 성공");

}

}

catch (SQLException e)

{

e.printStackTrace();

}

}

}

**Client app:**

**For client, we decided to implement an iOS application. We used Swift Language. And we completed implementing registering view. Below is screenshots of the app.**

**텍스트, 스크린샷, 폰트, 디자인이(가) 표시된 사진

자동 생성된 설명텍스트, 스크린샷, 폰트, 디자인이(가) 표시된 사진

자동 생성된 설명**

**텍스트, 스크린샷, 폰트, 디자인이(가) 표시된 사진

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자동 생성된 설명**

**Part of Code:**

**텍스트, 소프트웨어, 스크린샷, 컴퓨터 아이콘이(가) 표시된 사진

자동 생성된 설명**