

COSE371-01 데이터베이스

Term Project

2nd Report

2019320122 이권은

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모듈별 수행내역

모듈	mypage.php
수행내역	
<pre><?php ... \$conn = dbconnect(\$host, \$dbid, \$dbpass, \$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); \$query = "select * from position where position_id=\$position"; \$res = mysqli_query(\$conn, \$query); if(!\$res){ mysqli_query(\$conn, "rollback"); ... } else{ mysqli_query(\$conn, "commit"); } ... ?></pre>	

모듈	seat_add.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host,\$dbid,\$dbpass,\$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$ret = mysqli_query(\$conn, "insert into seat(area_id) values(\$area_id)"); if(!\$ret) { mysqli_query(\$conn, "rollback"); ... } else { mysqli_query(\$conn, "commit"); ... } ... ?> </pre>	

모듈	seat_delete.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host,\$dbid,\$dbpass,\$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$ret = mysqli_query(\$conn, "delete from seat where seat_id=\$seat_id"); if(!\$ret) { mysqli_query(\$conn, "rollback"); ... } else { mysqli_query(\$conn, "commit"); ... } ... ?> </pre>	

모듈	seat_detail.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host, \$dbid, \$dbpass, \$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); \$query = "select seat_id from seat where area_id={\$area_id} and user_id is null"; \$res = mysqli_query(\$conn, \$query); if(!\$res){ mysqli_query(\$conn, "rollback"); ... } else{ mysqli_query(\$conn, "commit"); } ... ?> </pre>	

모듈	seat_list.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host, \$dbid, \$dbpass, \$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); \$query = "select * from area"; \$areas = mysqli_query(\$conn, \$query); if (!\$areas) { mysqli_query(\$conn, "rollback"); ... } if(isset(\$_SESSION['id'])){ \$query = "select * from seat where user_id='{\$_SESSION['id']}'"; \$res = mysqli_query(\$conn, \$query); if(!\$res){ mysqli_query(\$conn, "rollback"); ... } else{ mysqli_query(\$conn, "commit"); } ... } ... ?> </pre>	

모듈	seat_reserve.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host,\$dbid,\$dbpass,\$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$ret = mysqli_query(\$conn, "update seat set user_id='\$user_id' where seat_id=\$seat_id"); if(!\$ret) { mysqli_query(\$conn, "rollback"); ... } else { mysqli_query(\$conn, "commit"); ... } .. ?> </pre>	

모듈	seat_return.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host,\$dbid,\$dbpass,\$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$ret = mysqli_query(\$conn, "update seat set user_id = NULL where seat_id=\$seat_id"); if(!\$ret) { mysqli_query(\$conn, "rollback"); ... } else { mysqli_query(\$conn, "commit"); ... } ... ?> </pre>	

모듈	seat_select.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host,\$dbid,\$dbpass,\$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$res = mysqli_query(\$conn, "select * from seat where area_id = \$area_id and user_id is NULL"); if(!\$res){ mysqli_query(\$conn, "rollback"); ... } else{ mysqli_query(\$conn, "commit"); } ... ?> </pre>	

모듈	signin.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host,\$dbid,\$dbpass,\$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$ret = mysqli_query(\$conn, "select * from user where id = '\$id'"); if(!\$ret) { mysqli_query(\$conn, "rollback"); ... } else { mysqli_query(\$conn, "commit"); ... } ... ?> </pre>	

모듈	signup.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host,\$dbid,\$dbpass,\$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$res = mysqli_query(\$conn, "select id from user where id='\$id'"); if(!\$res){ mysqli_query(\$conn, "rollback"); ... } ... \$ret = mysqli_query(\$conn, "insert into user (id, pwd, username, position) values('\$id', '\$encrypted_pwd', '\$username', \$position)"); if(!\$ret) { mysqli_query(\$conn, "rollback"); ... } else { mysqli_query(\$conn, "commit"); ... } ... ?> </pre>	

모듈	signup_form.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host, \$dbid, \$dbpass, \$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$query = "select * from position"; \$res = mysqli_query(\$conn, \$query); if(!\$res){ mysqli_query(\$conn, "rollback"); ... } else{ mysqli_query(\$conn, "commit"); } ... ?> </pre>	

모듈	suggestion_delete.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host,\$dbid,\$dbpass,\$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$ret = mysqli_query(\$conn, "delete from suggestion where post_id = \$post_id"); if(!\$ret) { mysqli_query(\$conn, "rollback"); ... } else { mysqli_query(\$conn, "commit"); ... } ... ?> </pre>	

모듈	suggestion_form.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host, \$dbid, \$dbpass, \$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... if (array_key_exists("post_id", \$_GET)) { ... \$query = "select * from suggestion where post_id = \$post_id"; \$res = mysqli_query(\$conn, \$query); if (!\$res){ mysqli_query(\$conn, "rollback"); ... } else{ mysqli_query(\$conn, "commit"); } ... } ... ?> </pre>	

모듈	suggestion_insert.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host,\$dbid,\$dbpass,\$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$ret = mysqli_query(\$conn, "insert into suggestion (title, writer_id, detail, added_datetime) values('\$title', '\$id', '\$detail', NOW())"); if(!\$ret) { mysqli_query(\$conn, "rollback"); ... } else { mysqli_query(\$conn, "commit"); ... } ... ?> </pre>	

모듈	suggestion_list.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host, \$dbid, \$dbpass, \$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); \$query = "select * from suggestion join user on suggestion.writer_id=user.id"; ... \$res = mysqli_query(\$conn, \$query); if (!\$res) { mysqli_query(\$conn, "rollback"); ... } else{ mysqli_query(\$conn, "commit"); } ... ?> </pre>	

모듈	suggestion_modify.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host,\$dbid,\$dbpass,\$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$ret = mysqli_query(\$conn, "update suggestion set title = '\$title', writer_id = 'id', detail = '\$detail' where post_id = \$post_id"); if(!\$ret) { mysqli_query(\$conn, "rollback"); ... } else { mysqli_query(\$conn, "commit"); ... } ... ?> </pre>	

모듈	suggestion_view.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host, \$dbid, \$dbpass, \$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); if (array_key_exists("post_id", \$_GET)) { ... \$query = "select * from suggestion join user on suggestion.writer_id=user.id where post_id = \$post_id"; \$res = mysqli_query(\$conn, \$query); if(!\$res) { mysqli_query(\$conn, "rollback"); ... } else { mysqli_query(\$conn, "commit"); } ... } ... ?> </pre>	

모듈	user_modify.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host, \$dbid, \$dbpass, \$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$query = "select * from user where id = '\$id'"; \$res_user = mysqli_query(\$conn, \$query); if(!\$res_user){ mysqli_query(\$conn, "rollback"); ... } ... \$query = "select * from position"; \$res_pos = mysqli_query(\$conn, \$query); if(!\$res_pos){ mysqli_query(\$conn, "rollback"); ... } else{ mysqli_query(\$conn, "commit"); } ... ?> </pre>	

모듈	user_modify_ok.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host,\$dbid,\$dbpass,\$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$ret = mysqli_query(\$conn, "update user set id = '\$id', pwd = '\$encrypted_pwd', username = '\$username', position = \$position where id = '\$id'"); if(!\$ret) { mysqli_query(\$conn, "rollback"); ... } else { mysqli_query(\$conn, "commit"); ... } ... ?> </pre>	

모듈	withdraw.php
수행내역	
<pre> <?php ... \$conn = dbconnect(\$host,\$dbid,\$dbpass,\$dbname); mysqli_query(\$conn, "set autocommit=0"); mysqli_query(\$conn, "set session transaction isolation level serializable"); mysqli_query(\$conn, "start transaction"); ... \$ret = mysqli_query(\$conn, "delete from user where id = '\$id'"); if(!\$ret) { mysqli_query(\$conn, "rollback"); ... } else { mysqli_query(\$conn, "commit"); ... } ?> </pre>	

수정된 소스코드

*수정된 파일들만 포함하였습니다

*소스코드의 전체가 아닌, 2 차 과제에서 변경된 부분만 첨부하였습니다.

mypage.php

```
public_html/mypage.php x
1  <?php session_start(); ?>
2  <?
3  include "header.php";
4  include "config.php";    // 데이터베이스 연결 설정파일
5  include "util.php";      // 유틸 함수
6  ?>
7
8  <?
9  $id = $_SESSION['id'];
10 $username = $_SESSION['username'];
11 $position = $_SESSION['position'];
12
13 $conn = dbconnect($host, $dbid, $dbpass, $dbname);
14 mysqli_query($conn, "set autocommit=0");
15 mysqli_query($conn, "set session transaction isolation level serializable");
16 mysqli_query($conn, "start transaction");
17
18 $query = "select * from position where position_id=$position";
19 $res = mysqli_query($conn, $query);
20 if(!$res){
21     mysqli_query($conn, "rollback");
22     s_msg ('오류가 발생했습니다.');
```

seat_add.php

```
public_html/seat_add.php x
1  <?php
2  include "config.php";    // 데이터베이스 연결 설정파일
3  include "util.php";      // 유틸 함수
4
5  $conn = dbconnect($host,$dbid,$dbpass,$dbname);
6  mysqli_query($conn, "set autocommit=0");
7  mysqli_query($conn, "set session transaction isolation level serializable");
8  mysqli_query($conn, "start transaction");
9
10 $area_id = $_GET['area_id'];
11 echo $area_id;
12 $ret = mysqli_query($conn, "insert into seat(area_id) values($area_id)");
13
14 if(!$ret)
15 {
16     mysqli_query($conn, "rollback");
17     s_msg ('오류가 발생했습니다.');
```

seat_delete.php

```
1 <?php
2 include "config.php"; // 데이터베이스 연결 설정파일
3 include "util.php"; // 유틸 함수
4
5 $conn = dbconnect($host,$dbid,$dbpass,$dbname);
6 mysqli_query($conn, "set autocommit=0");
7 mysqli_query($conn, "set session transaction isolation level serializable");
8 mysqli_query($conn, "start transaction");
9
10 $seat_id = $_GET['seat_id'];
11 $ret = mysqli_query($conn, "delete from seat where seat_id=$seat_id");
12
13 if(!$ret)
14 {
15     mysqli_query($conn, "rollback");
16     s_msg ('오류가 발생했습니다');
17     echo "<meta http-equiv='refresh' content='0;url=seat_list.php'>";
18 }
19 else
20 {
21     mysqli_query($conn, "commit");
22     s_msg ('삭제되었습니다');
23     echo "<meta http-equiv='refresh' content='0;url=seat_list.php'>";
24 }
25
26 ?>
```

seat_detail.php

```
>lic_html/seat_detail.php x
1 <?
2 include "header.php";
3 include "config.php"; // 데이터베이스 연결 설정파일
4 include "util.php"; // 유틸 함수
5
6 $area_id = $_GET['area_id'];
7 $conn = dbconnect($host, $dbid, $dbpass, $dbname);
8 mysqli_query($conn, "set autocommit=0");
9 mysqli_query($conn, "set session transaction isolation level serializable");
10 mysqli_query($conn, "start transaction");
11 $query = "select seat_id from seat where area_id={$area_id} and user_id is null";
12 $res = mysqli_query($conn, $query);
13 if(!$res){
14     mysqli_query($conn, "rollback");
15     s_msg ('오류가 발생했습니다. ');
16     echo "<meta http-equiv='refresh' content='0;url=seat_list.php'>";
17 }
18 else{
19     mysqli_query($conn, "commit");
20 }
21 ?>
22
23 <div class = "container" align = "center">
24 <table align='center' border='0' width='500px' cellspacing='20' cellpadding='20'>
25 <?
26     $empty_seat = mysqli_num_rows($res);
27     if($empty_seat>0){
28         echo "<tr><td align='center'><h3>잔여좌석 번호는 다음과 같습니다.</h3></td></tr>";
29         while ($row = mysqli_fetch_array($res)) {
30             echo "<tr><td align='center'><h4>{$row['seat_id']}</h4></td></tr>";
31         }
32     }
33     else{
34         echo "<p>잔여좌석이 없습니다.</p>";
35     }
36 ?>
37 </table>
38 </div>
```

seat_list.php

```
public_html/seat_list.php x
1 <?
2 session_start();
3 include "header.php";
4 include "config.php"; //데이터베이스 연결 설정파일
5 include "util.php"; //유틸 함수
6 ?>
7 <div class="container" align="center">
8 <?
9 $conn = dbconnect($host, $dbid, $dbpass, $dbname);
10 mysqli_query($conn, "set autocommit=0");
11 mysqli_query($conn, "set session transaction isolation level serializable");
12 mysqli_query($conn, "start transaction");
13 $query = "select * from area";
14 $areas = mysqli_query($conn, $query);
15 if (!$areas) {
16     mysqli_query($conn, "rollback");
17     s_msg ('오류가 발생했습니다.');
```

seat_reserve.php

```
c_html/seat_reserve.php x
1 <?php
2 session_start();
3 include "config.php"; //데이터베이스 연결 설정파일
4 include "util.php"; //유틸 함수
5
6 $conn = dbconnect($host,$dbid,$dbpass,$dbname);
7 mysqli_query($conn, "set autocommit=0");
8 mysqli_query($conn, "set session transaction isolation level serializable");
9 mysqli_query($conn, "start transaction");
10
11 $seat_id = $_GET['seat_id'];
12 $user_id = $_SESSION['id'];
13 $ret = mysqli_query($conn, "update seat set user_id='$user_id' where seat_id=$seat_id");
14
15 if(!$ret)
16 {
17     mysqli_query($conn, "rollback");
18     s_msg ('오류가 발생했습니다.');
```


seat_return.php

```
1  <?php
2  include "config.php";    // 데이터베이스 연결 설정파일
3  include "util.php";      // 유틸 함수
4
5  $conn = dbconnect($host,$dbid,$dbpass,$dbname);
6  mysqli_query($conn, "set autocommit=0");
7  mysqli_query($conn, "set session transaction isolation level serializable");
8  mysqli_query($conn, "start transaction");
9
10 $seat_id = $_GET['seat_id'];
11 echo $seat_id;
12 $ret = mysqli_query($conn, "update seat set user_id = NULL where seat_id=$seat_id");
13
14 if(!$ret)
15 {
16     mysqli_query($conn, "rollback");
17     s_msg ('오류가 발생했습니다');
18     echo "<meta http-equiv='refresh' content='0;url=seat_list.php'>";
19 }
20 else
21 {
22     mysqli_query($conn, "commit");
23     s_msg ('반납되었습니다');
24     echo "<meta http-equiv='refresh' content='0;url=seat_list.php'>";
25 }
26
27 ?>
```

seat_select.php

```
1  <?
2  include "header.php";
3  include "config.php";    // 데이터베이스 연결 설정파일
4  include "util.php";      // 유틸 함수
5
6  $conn = dbconnect($host,$dbid,$dbpass,$dbname);
7  mysqli_query($conn, "set autocommit=0");
8  mysqli_query($conn, "set session transaction isolation level serializable");
9  mysqli_query($conn, "start transaction");
10 $area_id = $_GET['area_id'];
11 if($_GET['mode']=='delete'){
12     $action = 'seat_delete.php';
13 }
14 else{
15     $action = 'seat_reserve.php';
16 }
17
18 $seats = array();
19 $res = mysqli_query($conn, "select * from seat where area_id = $area_id and user_id is NULL");
20 if(!$res){
21     mysqli_query($conn, "rollback");
22     s_msg ('오류가 발생했습니다. ');
23     echo "<meta http-equiv='refresh' content='0;url=seat_list.php'>";
24 }
25 else{
26     mysqli_query($conn, "commit");
27 }
28 $row_index = 0;
29 while($row = mysqli_fetch_array($res)){
30     $seats[$row_index] = $row['seat_id'];
31     $row_index++;
32 }
33 ?>
```

signin.php

```
2/public_html/signin.php x
1  <?php
2  session_start();
3  include "config.php";    // 데이터베이스 연결 설정파일
4  include "util.php";      // 유틸 함수
5
6  $conn = dbconnect($host,$dbid,$dbpass,$dbname);
7  mysqli_query($conn, "set autocommit=0");
8  mysqli_query($conn, "set session transaction isolation level serializable");
9  mysqli_query($conn, "start transaction");
10
11  $id = $_POST['id'];
12  $pwd = $_POST['pwd'];
13
14  $ret = mysqli_query($conn, "select * from user where id = '$id'");
15
16  if(!$ret)|
17  {
18      mysqli_query($conn, "rollback");
19      s_msg('존재하지 않는 아이디입니다');
20      echo "<meta http-equiv='refresh' content='0;url=signin_form.php'>";
21  }
22  else
23  {
24      mysqli_query($conn, "commit");
```

signup.php

```
./public_html/signup.php x
1  <?php
2  include "config.php";    // 데이터베이스 연결 설정파일
3  include "util.php";      // 유틸 함수
4
5  $conn = dbconnect($host,$dbid,$dbpass,$dbname);
6  mysqli_query($conn, "set autocommit=0");
7  mysqli_query($conn, "set session transaction isolation level serializable");
8  mysqli_query($conn, "start transaction");
9
10  $id = $_POST['id'];
11  $pwd = $_POST['pwd'];
12  $username = $_POST['username'];
13  $position = $_POST['position'];
14  $encrypted_pwd = password_hash($pwd, PASSWORD_DEFAULT);
15
16  $res = mysqli_query($conn, "select id from user where id='$id'");
17  if(!$res){
18      mysqli_query($conn, "rollback");
19      s_msg('오류가 발생했습니다. ');
20      echo "<meta http-equiv='refresh' content='0;url=index.php'>";
21  }
22
23  $exist = mysqli_num_rows($res);
24  if($exist>0){
25      s_msg('이미 중복된 아이디가 존재합니다');
26      echo "<meta http-equiv='refresh' content='0;url=signup_form.php'>";
27  }
28
29  $ret = mysqli_query($conn, "insert into user (id, pwd, username, position) values('$id', '$encrypted_pwd', '$username', $position)");
30  if(!$ret)
31  {
32      mysqli_query($conn, "rollback");
33      s_msg('오류가 발생했습니다. ');
34      echo "<meta http-equiv='refresh' content='0;url=index.php'>";
35  }
36  else
37  {
38      mysqli_query($conn, "commit");
39      s_msg('성공적으로 입력 되었습니다');
40      echo "<meta http-equiv='refresh' content='0;url=index.php'>";
41  }
42
```

signup_form.php

```
ic_html/signup_form.php x
1  <?
2  include "header.php";
3  include "config.php";    // 데이터베이스 연결 설정파일
4  include "util.php";      // 유틸 함수
5
6  $conn = dbconnect($host, $dbid, $dbpass, $dbname);
7  mysqli_query($conn, "set autocommit=0");
8  mysqli_query($conn, "set session transaction isolation level serializable");
9  mysqli_query($conn, "start transaction");
10 $position = array();
11 $query = "select * from position";
12 $res = mysqli_query($conn, $query);
13 if(!$res){
14     mysqli_query($conn, "rollback");
15     s_msg ('오류가 발생했습니다. ');
16     echo "<meta http-equiv='refresh' content='0;url=index.php'>";
17 }
18 else{
19     mysqli_query($conn, "commit");
20 }
21 while($row = mysqli_fetch_array($res)) {
22     $position[$row['position_id']] = $row['position_name'];
23 }
24 ?>
```

suggestion_delete.php

```
il/suggestion_delete.php x
1  <?php
2  include "config.php";    // 데이터베이스 연결 설정파일
3  include "util.php";      // 유틸 함수
4
5  $conn = dbconnect($host,$dbid,$dbpass,$dbname);
6  mysqli_query($conn, "set autocommit=0");
7  mysqli_query($conn, "set session transaction isolation level serializable");
8  mysqli_query($conn, "start transaction");
9
10 $post_id = $_GET['post_id'];
11
12 $ret = mysqli_query($conn, "delete from suggestion where post_id = $post_id");
13
14 if(!$ret)
15 {
16     mysqli_query($conn, "rollback");
17     s_msg ('오류가 발생했습니다. ');
18     echo "<meta http-equiv='refresh' content='0;url=suggestion_list.php'>";
19 }
20 else
21 {
22     mysqli_query($conn, "commit");
23     s_msg ('성공적으로 삭제 되었습니다');
24     echo "<meta http-equiv='refresh' content='0;url=suggestion_list.php'>";
25 }
26
27 ?>
28
```

suggestion_form.php

```
ml/suggestion_form.php x
1 <?
2 session_start();
3 include "header.php";
4 include "config.php"; // 데이터베이스 연결 설정파일
5 include "util.php"; // 유틸 함수
6
7 $conn = dbconnect($host, $dbid, $dbpass, $dbname);
8 mysqli_query($conn, "set autocommit=0");
9 mysqli_query($conn, "set session transaction isolation level serializable");
10 mysqli_query($conn, "start transaction");
11 $mode = "입력";
12 $action = "suggestion_insert.php";
13
14 if (array_key_exists("post_id", $_GET)) {
15     $post_id = $_GET["post_id"];
16     $query = "select * from suggestion where post_id = $post_id";
17     $res = mysqli_query($conn, $query);
18     if (!$res) {
19         mysqli_query($conn, "rollback");
20         s_msg('오류가 발생했습니다.');
```

suggestion_insert.php

```
nl/suggestion_insert.php x
1 <?php
2 session_start();
3 include "config.php"; // 데이터베이스 연결 설정파일
4 include "util.php"; // 유틸 함수
5
6 $conn = dbconnect($host, $dbid, $dbpass, $dbname);
7 mysqli_query($conn, "set autocommit=0");
8 mysqli_query($conn, "set session transaction isolation level serializable");
9 mysqli_query($conn, "start transaction");
10
11 $title = $_POST['title'];
12 $id = $_SESSION['id'];
13 $detail = $_POST['detail'];
14
15 echo "insert into suggestion (title, writer_id, detail, added_datetime) values('$title', '$id', '$detail', NOW())";
16
17 $ret = mysqli_query($conn, "insert into suggestion (title, writer_id, detail, added_datetime) values('$title', '$id', '$detail', NOW())");
18 if (!$ret)
19 {
20     mysqli_query($conn, "rollback");
21     s_msg('오류가 발생했습니다.');
```

suggestion_list.php

```
html/suggestion_list.php x
1 <?
2 session_start();
3 include "header.php";
4 include "config.php"; //데이터베이스 연결 설정파일
5 include "util.php"; //유틸 함수
6 ?>
7 <div class="container" align="center">
8 <?
9 //echo "{$SESSION['id']}";
10 //echo "{$SESSION['position']}";
11 $conn = dbconnect($host, $dbid, $dbpass, $dbname);
12 mysqli_query($conn, "set autocommit=0");
13 mysqli_query($conn, "set session transaction isolation level serializable");
14 mysqli_query($conn, "start transaction");
15 $query = "select * from suggestion join user on suggestion.writer_id=user.id";
16 if (array_key_exists("search_keyword", $_POST)) { // array_key_exists() : Checks if the specified key exists in the array
17     $search_keyword = $_POST["search_keyword"];
18     $category = $_POST["category"];
19     if($category == 'position'){
20         $query = "select * from user join position on user.position=position.position_id join suggestion on suggestion.writer_id=user.id";
21         $category = 'position_name';
22     }
23     $query = $query . " where $category like '%" . $search_keyword . "%'";
24     echo "<h3 style='margin:10px;'>\${$search_keyword}\$(으)로 검색한 결과입니다.</h3>";
25
26 }
27 $res = mysqli_query($conn, $query);
28 if (!$res) {
29     mysqli_query($conn, "rollback");
30     s_msg('오류가 발생했습니다.');
```

suggestion_modify.php

```
/suggestion_modify.php x
1 <?php
2 session_start();
3 include "config.php"; //데이터베이스 연결 설정파일
4 include "util.php"; //유틸 함수
5
6 $conn = dbconnect($host,$dbid,$dbpass,$dbname);
7 mysqli_query($conn, "set autocommit=0");
8 mysqli_query($conn, "set session transaction isolation level serializable");
9 mysqli_query($conn, "start transaction");
10
11 $post_id = $_POST['post_id'];
12 $title = $_POST['title'];
13 $id = $_SESSION['id'];
14 $detail = $_POST['detail'];
15
16 echo $_POST['post_id'];
17 echo $_POST['title'];
18 echo $_SESSION['id'];
19 echo $_POST['detail'];
20
21 $ret = mysqli_query($conn, "update suggestion set title = '$title', writer_id = '$id', detail = '$detail' where post_id = $post_id");
22
23 if(!$ret)
24 {
25     mysqli_query($conn, "rollback");
26     s_msg('오류가 발생했습니다.');
```

suggestion_view.php

```
1 <?
2 session_start();
3 include "header.php";
4 include "config.php"; // 데이터베이스 연결 설정 파일
5 include "util.php"; // 유틸 함수
6
7 $conn = dbconnect($host, $dbid, $dbpass, $dbname);
8 mysqli_query($conn, "set autocommit=0");
9 mysqli_query($conn, "set session transaction isolation level serializable");
10 mysqli_query($conn, "start transaction");
11
12 if (array_key_exists("post_id", $_GET)) {
13     $post_id = $_GET["post_id"];
14     $query = "select * from suggestion join user on suggestion.writer_id=user.id where post_id = $post_id";
15     $res = mysqli_query($conn, $query);
16     if(!$res)
17     {
18         mysqli_query($conn, "rollback");
19         s_msg ('오류가 발생했습니다.');
```

echo "<meta http-equiv='refresh' content='0;url=suggestion_list.php'>";

```
21     }
22     else
23     {
24         mysqli_query($conn, "commit");
25     }
26     $post = mysqli_fetch_assoc($res);
27     if (!$post) {
28         msg("글이 존재하지 않습니다.");
29     }
30 }
31 ?>
```

user_modify.php

```
1 <?
2 session_start();
3 include "header.php";
4 include "config.php"; // 데이터베이스 연결 설정 파일
5 include "util.php"; // 유틸 함수
6
7 $conn = dbconnect($host, $dbid, $dbpass, $dbname);
8 mysqli_query($conn, "set autocommit=0");
9 mysqli_query($conn, "set session transaction isolation level serializable");
10 mysqli_query($conn, "start transaction");
11 $action = "user_modify_ok.php";
12
13 $id = $_SESSION['id'];
14 $query = "select * from user where id = '$id'";
15 $res_user = mysqli_query($conn, $query);
16 if(!$res_user){
17     mysqli_query($conn, "rollback");
18     s_msg ('오류가 발생했습니다.');
```

echo "<meta http-equiv='refresh' content='0;url=index.php'>";

```
20 }
21 $user_info = mysqli_fetch_array($res_user);
22
23
24 $position = array();
25 $query = "select * from position";
26 $res_pos = mysqli_query($conn, $query);
27 if(!$res_pos){
28     mysqli_query($conn, "rollback");
29     s_msg ('오류가 발생했습니다.');
```

echo "<meta http-equiv='refresh' content='0;url=index.php'>";

```
31 }
32 else{
33     mysqli_query($conn, "commit");
34 }
35 while($row = mysqli_fetch_array($res_pos)) {
36     $position[$row['position_id']] = $row['position_name'];
37 }
38 ?>
```

user_modify_ok.php

```
1 <?php
2 session_start();
3 include "config.php"; //데이터베이스 연결 설정파일
4 include "util.php"; //유틸 함수
5
6 $conn = dbconnect($host,$dbid,$dbpass,$dbname);
7 mysqli_query($conn, "set autocommit=0");
8 mysqli_query($conn, "set session transaction isolation level serializable");
9 mysqli_query($conn, "start transaction");
10
11 $id = $_SESSION['id'];
12 $pwd = $_POST['pwd'];
13 $username = $_POST['username'];
14 $position = $_POST['position'];
15 $encrypted_pwd = password_hash($pwd, PASSWORD_DEFAULT);
16
17 $ret = mysqli_query($conn, "update user set id = '$id', pwd = '$encrypted_pwd', username = '$username', position = '$position' where id = '$id'");
18
19 if(!$ret)
20 {
21     mysqli_query($conn, "rollback");
22     s_msg('오류가 발생했습니다.');
```

23 echo "<meta http-equiv='refresh' content='0;url=mypage.php'>";

24 }

25 else

26 {

27 mysqli_query(\$conn, "commit");

28 s_msg('성공적으로 수정 되었습니다');

29 \$_SESSION['username'] = \$username;

30 echo "<meta http-equiv='refresh' content='0;url=mypage.php'>";

31 }

32

33 ?>

34

withdraw.php

```
1 <?php
2 session_start();
3 include "config.php"; //데이터베이스 연결 설정파일
4 include "util.php"; //유틸 함수
5
6 $conn = dbconnect($host,$dbid,$dbpass,$dbname);
7 mysqli_query($conn, "set autocommit=0");
8 mysqli_query($conn, "set session transaction isolation level serializable");
9 mysqli_query($conn, "start transaction");
10
11 $id = $_SESSION['id'];
12
13 $ret = mysqli_query($conn, "delete from user where id = '$id'");
14
15 if(!$ret)
16 {
17     mysqli_query($conn, "rollback");
18     s_msg('오류가 발생했습니다.');
```

19 echo "<meta http-equiv='refresh' content='0;url=index.php'>";

20 }

21 else

22 {

23 mysqli_query(\$conn, "commit");

24 s_msg('성공적으로 삭제 되었습니다');

25 session_start();

26 session_destroy();

27 echo "<meta http-equiv='refresh' content='0;url=index.php'>";

28 }

29

30 ?>