

[index.php]

```
<!DOCTYPE html>
<html>
  <head> <meta charset="utf-8"> </head>
  <body>
    <header>    <?php include "header.php";?>    </header> <hr>
    <section>    <?php include "main.php";?>    </section> <hr>
    <footer>    <?php include "footer.php";?>    </footer>
  </body>
</html>
```

[head.php]

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
  </head>
  <body>
    <a href="member_form.php">회원 가입</a>
    |
    <a href ="login_form.php">로그인</a>
  </body>
</html>
```

[main.php]

```
<?php
  echo "Main"
?>
```

[footer.php]

```
<div>
  [ 프론트엔드 UI/UX 개발자 과정 ]
</div>
```

[member_form.php]

```
<!DOCTYPE html>
<html>
<head> <meta charset="utf-8">
</head>
<body>
    <header> <?php include "header.php";?> </header> <hr>
    <section>
        <form>
            <h2>회원 가입</h2> <br>
            <p>
                아이디 : <input type="text"> <br>
                비밀번호 : <input type="password"><br>
                비밀번호 확인 : <input type="password"><br>
                이름 : <input type="text"><br>
                이메일 : <input type="text">
                    @<input type="text"><br>
                <input type="button" value="가입신청">
                <input type="button" value="Reset"><br>
            </p>
        </form>
    </section> <hr>
    <footer> <?php include "footer.php";?> </footer>
</body>
</html>
```

[member_form.php - 수정]

```
<!DOCTYPE html>
<html>
<head> <meta charset="utf-8">
<script>
    function check_input() {
        if (!document.member_form.id.value) {
            alert("아이디를 입력하세요!");
            document.member_form.id.focus();
            return;
        }
        if (!document.member_form.pass.value) {
            alert("비밀번호를 입력하세요!");
            document.member_form.pass.focus();
            return;
        }
        if (!document.member_form.pass_confirm.value) {
            alert("비밀번호 확인을 입력하세요!");
            document.member_form.pass_confirm.focus();
            return;
        }
        if (!document.member_form.name.value) {
            alert("이름을 입력하세요!");
            document.member_form.name.focus();
            return;
        }
        if (!document.member_form.email1.value) {
            alert("이메일 주소를 입력하세요!");
            document.member_form.email1.focus();
            return;
        }
        if (!document.member_form.email2.value) {
            alert("이메일 주소를 입력하세요!");
            document.member_form.email2.focus();
            return;
        }
        if (document.member_form.pass.value !=
            document.member_form.pass_confirm.value) {
            alert("비밀번호가 일치하지 않습니다.\n다시 입력해 주세요!");
            document.member_form.pass.focus();
            document.member_form.pass.select();
            return;
        }
        document.member_form.submit();
    }
}
```

```

function reset_form() {
    document.member_form.id.value = "";
    document.member_form.pass.value = "";
    document.member_form.pass_confirm.value = "";
    document.member_form.name.value = "";
    document.member_form.email1.value = "";
    document.member_form.email2.value = "";
    document.member_form.id.focus();
    return;
}

```

```

</script>

```

```

</head>

```

```

<body>

```

```

    <header> <?php include "header.php";?> </header> <hr>

```

```

    <section>

```

```

        <form name="member_form" method="post" action="member_insert.php">

```

```

            <h2>회원 가입</h2> <br>

```

```

            <p>

```

```

                아이디 : <input type="text" name="id"> <br>

```

```

                비밀번호 : <input type="password" name="pass"><br>

```

```

                비밀번호 확인 : <input type="password" name="pass_confirm"><br>

```

```

                이름 : <input type="text" name="name"><br>

```

```

                이메일 : <input type="text" name="email1">

```

```

                    @<input type="text" name="email2"><br>

```

```

                <input type="button" value="가입신청" onclick="check_input()">

```

```

                <input type="button" value="Reset" onclick="reset_form()"><br>

```

```

            </p>

```

```

        </form>

```

```

    </section> <hr>

```

```

    <footer> <?php include "footer.php";?> </footer>

```

```

</body>

```

```

</html>

```

[member_insert.php]

```
<?php
    $id    = $_POST["id"];
    $pass  = $_POST["pass"];
    $name  = $_POST["name"];
    $email1 = $_POST["email1"];
    $email2 = $_POST["email2"];

    $email = $email1."@".$email2;
    $regist_day = date("Y-m-d (H:i)");

    $con = mysqli_connect("localhost", "user1", "12345", "sample");
    $sql = "insert into members(id, pass, name, email, regist_day, level, point) ";
    $sql .= "values('$id', '$pass', '$name', '$email', '$regist_day', 0, 0)";

    mysqli_query($con, $sql);
    mysqli_close($con);

    echo "
        <script>
            location.href = 'index.php';
        </script>
    ";
?>
```

[member_form.php - 수정]

```
-----  
-----  
function reset_form() {  
    document.member_form.id.value = "";  
    document.member_form.pass.value = "";  
    document.member_form.pass_confirm.value = "";  
    document.member_form.name.value = "";  
    document.member_form.email1.value = "";  
    document.member_form.email2.value = "";  
    document.member_form.id.focus();  
    return;  
}  
  
function check_id() {  
    window.open("member_check_id.php?id=" + document.member_form.id.value,  
        "IDcheck", "left=700, top=300, width=350, height=200, scrollbars=no, resizable=yes");  
    }  
  
</script>  
</head>  
<body>  
    <header> <?php include "header.php";?> </header> <hr>  
    <section>  
        <form name="member_form" method="post" action="member_insert.php">  
            <h2>회원 가입</h2> <br>  
            <p>  
                아이디 : <input type="text" name="id">  
                    <input type="button" value="중복확인" onclick="check_id()"><br>  
                비밀번호 : <input type="password" name="pass"><br>  
                비밀번호 확인 : <input type="password" name="pass_confirm"><br>  
                이름 : <input type="text" name="name"><br>  
                이메일 : <input type="text" name="email1">  
                    @<input type="text" name="email2"><br>  
                <input type="button" value="가입신청" onclick="check_input()">  
                <input type="button" value="Reset" onclick="reset_form()"><br>  
            </p>  
        </form>  
    </section> <hr>  
    <footer> <?php include "footer.php";?> </footer>  
</body>  
</html>
```

[member_check_id.php]

```
<?php
    echo "ID 중복체크 <br><br>";

    $id = $_GET["id"];
    if(!$id) {
        echo("아이디를 입력해 주세요!");
    }
    else {
        $con = mysqli_connect("localhost", "user1", "12345", "sample");

        $sql = "select * from member where id='$id'";
        $result = mysqli_query($con, $sql);
        $num_record = mysqli_num_rows($result);

        if ($num_record) {
            echo "아이디 중복 : ".$id."<br>";
            echo "다른 아이디를 사용해 주세요!";
        }
        else {
            echo "아이디 ". $id." 사용 가능";
        }

        mysqli_close($con);
    }
?>
```

[login_form.php]

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>회원 로그인</title>
    <script type="text/javascript">
      function check_input() {
        if (!document.login_form.id.value) {
          alert("아이디를 입력하세요");
          document.login_form.id.focus();
          return;
        }
        if (!document.login_form.pass.value) {
          alert("비밀번호를 입력하세요");
          document.login_form.pass.focus();
          return;
        }
        document.login_form.submit();
      }
    </script>
  </head>
  <body>
    <header> <?php include "header.php";?></header>
    <hr>
    <section>
      <form name="login_form" method="post" action="login.php">
        <p>
          아이디 : <input type="text" name="id"><br>
          비밀번호 : <input type="password" name="pass"><br>
          <input type="button" value="Click" onclick="check_input()">
        </p>
      </form>
    </section>
    <hr>
    <footer> <?php include "footer.php";?></footer>
  </body>
</html>
```


[login.php]

```
<?php
    $id    = $_POST["id"];
    $pass  = $_POST["pass"];

    $con = mysqli_connect("localhost", "user1", "12345", "sample");
    $sql = "select * from member where id='$id'";
    $result = mysqli_query($con, $sql);

    $num_match = mysqli_num_rows($result);

    if(!$num_match) {
        echo("
            <script>
                window.alert('등록되지 않은 아이디입니다!')
                history.go(-1)
            </script>
        ");
    }
    else {
        $row = mysqli_fetch_array($result);
        $db_pass = $row["pass"];

        mysqli_close($con);

        if($pass != $db_pass) {
            echo("
                <script>
                    window.alert('비밀번호가 틀립니다!')
                    history.go(-1)
                </script>
            ");
            exit;
        }
        else {
            echo("
                <script>
                    location.href = 'index.php';
                </script>
            ");
        }
    }
?>
```

[login.php - 수정]

```
-----  
-----  
if($pass != $db_pass) {  
    echo"  
        <script>  
            window.alert('비밀번호가 틀립니다!')  
            history.go(-1)  
        </script>  
    );  
    exit;  
}  
else {  
    session_start();  
    $_SESSION["userid"] = $row["id"];  
    $_SESSION["username"] = $row["name"];  
    $_SESSION["userlevel"] = $row["level"];  
    $_SESSION["userpoint"] = $row["point"];  
  
    echo"  
        <script>  
            location.href = 'index.php';  
        </script>  
    );  
}  
?  
?>
```

[header.php - 수정]

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
  </head>
  <body>
    <?php
      session_start();
      if(isset($_SESSION["userid"])) $userid = $_SESSION["userid"];
      else $userid = "";
      if(isset($_SESSION["username"])) $username = $_SESSION["username"];
      else $username = "";
      if(isset($_SESSION["userlevel"])) $userlevel = $_SESSION["userlevel"];
      else $userlevel = "";
      if(isset($_SESSION["userpoint"])) $userpoint = $_SESSION["userpoint"];
      else $userpoint = "";
    ?>
    <div>

    <?php
      if(!$userid) {
    ?>
        <a href="member_form.php">회원 가입</a>
        |
        <a href ="login_form.php">로그인</a>
    <?php
      }
      else {
        $logged = $username."(".$userid.")님[Level: ".$userlevel.",point: ".$userpoint."];
    ?>
        <?= $logged ?> | <a href="logout.php"> 로그아웃 </a> |
        <a href="member_modify_form.php"> 정보수정 </a> <br>
      </div> <br>
    <?php
      }
    ?>
  </body>
</html>
```

[logout.php]

```
<?php
    session_start();
    unset($_SESSION["userid"]);
    unset($_SESSION["username"]);
    unset($_SESSION["userlevel"]);
    unset($_SESSION["userpoint"]);

    echo "
        <script>
            location.href = 'index.php';
        </script> "
?>
```

[member_modify_form.php]

```
<!DOCTYPE html>
<html>
  <head> <meta charset="utf-8">
    <script>
      function check_input() {
        if (!document.member_form.pass.value) {
          alert("비밀번호를 입력하세요!");
          document.member_form.pass.focus();
          return;
        }
        if (!document.member_form.pass_confirm.value) {
          alert("비밀번호 확인을 입력하세요!");
          document.member_form.pass_confirm.focus();
          return;
        }
        if (!document.member_form.name.value) {
          alert("이름을 입력하세요!");
          document.member_form.name.focus();
          return;
        }
        if (!document.member_form.email1.value) {
          alert("이메일 주소를 입력하세요!");
          document.member_form.email1.focus();
          return;
        }
        if (!document.member_form.email2.value) {
          alert("이메일 주소를 입력하세요!");
          document.member_form.email2.focus();
          return;
        }
        if (document.member_form.pass.value !=
            document.member_form.pass_confirm.value) {
          alert("비밀번호가 일치하지 않습니다.\n다시 입력해 주세요!");
          document.member_form.pass.focus();
          document.member_form.pass.select();
          return;
        }
        document.member_form.submit();
      }

      function reset_form() {
        document.member_form.pass.value = "";
        document.member_form.pass_confirm.value = "";
        document.member_form.name.value = "";
```

```

        document.member_form.email1.value = "";
        document.member_form.email2.value = "";
        document.member_form.id.focus();
        return;
    }

    function check_id() {
        window.open("member_check_id.php?id=" + document.member_form.id.value,
            "IDcheck", "left=700, top=300, width=350, height=200, scrollbars=no,
resizable=yes");
    }
</script>
</head>
<body>
    <header> <?php include "header.php"?> </header> <hr>
    <?php
        $con    = mysqli_connect("localhost", "user1", "12345", "sample");
        $sql     = "select * from members where id='$userid'";
        $result  = mysqli_query($con, $sql);
        $row     = mysqli_fetch_array($result);
        $pass    = $row["pass"];
        $name     = $row["name"];
        $email    = explode("@", $row["email"]);
        $email1   = $email[0];
        $email2   = $email[1];

        mysqli_close($con);
    ?>

    <section>
        <form    name="member_form" method="post" action="member_modify.php?id=<?=
$userid ?>">
            <h2>[ 정보 수정 ]</h2> <a href="delete.php?id=">회원탈퇴</a><br>
            <p>
                아이디 : <?= $userid ?><br>
                비밀번호 : <input type="password" name="pass" value="<?= $pass ?>"><br>
                비밀번호 확인 : <input type="password" name="pass_confirm" value="<?=
$pass ?>"><br>
                이름 : <input type="text" name="name" value="<?= $name ?>"><br>
                이메일 : <input type="text" name="email1" value="<?= $email1 ?>">
                        @<input type="text" name="email2" value="<?=
$email2 ?>"><br>
                <input type="button" value="저장하기" onclick="check_input()"/>
                <input type="button" value="취소하기" onclick="reset_form()"/><br>
            </p>

```

```
        </form>
    </section> <hr>
    <footer> <?php include "footer.php"?> </footer>
</body>
</html>
```

[member_modify.php]

```
<?php
    $id      = $_GET["id"];

    $pass    = $_POST["pass"];
    $name    = $_POST["name"];
    $email1  = $_POST["email1"];
    $email2  = $_POST["email2"];
    $email   = $email1."@".$email2;

    $con     = mysqli_connect("localhost", "user1", "12345", "sample");
    $sql     = " update members set pass='$pass', name='$name', email='$email'";
    $sql     .= " where id='$id'";

    mysqli_query($con, $sql);
    mysqli_close($con);

    echo("
        <script>
            location.href = 'index.php';
        </script>
    ");
?>
```


[delete.php]

```
<?php
    session_start();
    $userid      = $_SESSION["userid"];

    unset($_SESSION["userid"]);
    unset($_SESSION["username"]);
    unset($_SESSION["userlevel"]);
    unset($_SESSION["userpoint"]);

    $con = mysqli_connect("localhost", "user1", "12345", "sample");
    $sql = "delete from members where id='$userid'";
    mysqli_query($con, $sql);

    mysqli_close($con);

    echo "
        <script>
            location.href = 'index.php';
        </script> "
?>
```

[데이터베이스 생성]

1. http://localhost
2. phpMyAdmin
3. 데이터베이스
 - > 데이터베이스명 : sample
 - > 데이터 정렬 방식 : utf8-general_ci
 - > (버튼)만들기

4. 콘솔창에서 입력

```
create table mem (  
    num int not null auto_increment,  
    id char(20) not null,  
    pass char(20) not null,  
    name char(20) not null,  
    age int,  
    primary key(num)  
);
```

▶ 작성 후 -> ctrl+Enter

5. SQL 조작

```
> desc mem  
> alter table mem add email char(30);  
> alter table mem drop email;  
> alter table mem change age phone char(20);  
> alter table mem modify phone int;  
> alter table mem rename mem2;  
> drop table mem2;
```

[사용자 계정 추가]

1. http://localhost
2. phpMyAdmin
3. 사용자 계정
4. New 사용자 추가
 - > 사용자명 : user1
 - > 호스트명 : localhost
 - > 암호 : 12345
 - > 재입력 : 12345
5. xampp\phpMyAdmin\config.inc.php
6. 내용 수정

```
/* Authentication type and info */
```

```
$cfg['Servers'][$i]['auth_type'] = 'config';
```

```
$cfg['Servers'][$i]['user'] = 'root';
```

(수정) 'config' -> 'cookie'

(수정) 'root' -> ''

테이블명 : friends

num	id	name	gender	address	tel	age
1	my01	홍길동	M	서울시 중구	0001	23
2	my02	홍길순	W	서울시 동대문구	0002	31
3	my03	이기자	W	광주시 남구	0003	36
4	my04	전우치	M	부산시 영도구	0004	47
5	my05	보라매	W	경기도 과천시	0005	24
6	my06	우주선	W	경기도 시흥시	0006	53
7	my07	복돌이	M	광주시 남구	0007	22
8	my08	복순이	W	서울시 중구	0008	48

[테이블 작성 - create]

```
create table friends (  
    num int not null auto_increment,  
    id char(20) not null,  
    name char(20) not null,  
    gender char(1),  
    address char(30),  
    tel char(20),  
    age int,  
    primary key(num)  
);
```

[데이터 삽입 - insert]

```
insert into friends (id, name, gender, address, tel, age) values (my01, '홍길동', 'M', '서울시 중구', '0001', 23);
```

※ 표의 전체 데이터 입력

[데이터 검색 - select]

```
select * from friends;  
select name, tel, address from friends;  
select id, name, address from friends where gender='W';  
select id, name, gender, age from friends where age>=40 and gender='W';  
select id, name, gender from friends where name like '복%';  
select id, name, gender from friends where address like '%남구';
```

[데이터 수정 - update]

```
update friends set tel='1000' where name='홍길동';  
update friends set age='33' where name='복순이';
```

[데이터 삭제 - delete]

```
delete from friends where name='홍길동';  
delete from member;
```

[테이블명 : members]

필드명	데이터형	null	추가사항	설명
num	int	not null	primary key, auto_increment	일련번호
id	char(20)	not null		아이디
pass	char(20)	not null		비밀번호
name	char(20)	not null		이름
email	char(30)			이메일
regist_day	char(20)			가입일
level	int			회원의 레벨
point	int			회원의 포인트

```
create table members (  
    num int not null auto_increment,  
    id char(20) not null,  
    pass char(20) not null,  
    name char(20) not null,  
    email char(20),  
    regist_day char(20),  
    level int,  
    point int,  
    primary key(num)  
);
```