웹 서버구축

⊙ Status

APM 설치 이후(web)

```
User nobody
Group nobody

ServerAdmin root@localhost
ServerAdmin root@test-db //db서버를 허용해 줘야 웹서버에서도 보인다?

ServerName 192.168.0.213
ServerName 192.168.0.206//마찬가지 맥락 db서버 허락해줌

<Directory />
Require all granted

164 <IfModule dir_module>
DirectoryIndex index.html index.php index.htm

274    AddType application/x-httpd-php .php .html .htm .inc
275    AddType application/x-httpd-php-source .phps
```

```php
<?php
        require_once './db.php';
?>
<!DOCTYPE html>
<head>
<meta charset="UTF-8">
<title>게시판</title>
<link rel="stylesheet" type="text/css" href="./style.css" />
</head>
<body>
<div id="board_area">
  <h1>자유게시판</h1>
  <h4>자유롭게 글을 쓸 수 있는 게시판입니다.</h4>
    <table class="list-table">
      <thead>
        <tr>
            <th width="70">번호</th>
            <th width="500">제목</th>
            <th width="120">글쓴이</th>
            <th width="100">날짜</th>
            <th width="100">조회수</th>
        </tr>
      </thead>
      <?php
      // board테이블에서 idx를 기준으로 내림차순해서 5개까지 표시
        $connection = mysqli_connect(DB_HOST,DB_USER,DB_PASSWORD,DB_DATABASE);
          mysqli_query($connection, 'set session character_set_connection=utf8;');
          mysqli_query($connection, 'set session character_set_results=utf8;');
          mysqli_query($connection, 'set session character_set_client=utf8;');

          $sql = "SELECT * FROM board";
          $result = mysqli_query($connection, $sql);
          while($a=mysqli_fetch_assoc($result)) {
      ?>
    <tbody>
      <tr>
            <td><?php echo $a['idx'] ?></td>
            <td><?php echo $a['title'] ?></td>
            <td><?php echo $a['name'] ?></td>
            <td><?php echo $a['date'] ?></td>
            <td><?php echo $a['hit'] ?></td>

      </tr> <?php } ?>
    </tbody>
  </table>
  <div id="write_btn">
```

```
        <a href="/write.php"><button>글쓰기</button></a>
      </div>
    </div>
  </body>
</html>
```

style.css

```
rset "utf-8";

/* 전체 옵션 */
* {
      margin: 0 auto;
      padding: 0;
      font-family: 'Malgun gothic','Sans-Serif','Arial';
}
a {
      text-decoration: none;
      color:#333;
}
ul li {
      list-style:none;
}

/* 공통 */
.fl {
      float:left;
}
.tc {
      text-align:center;
}

/* 게시판 목록 */
#board_area {
      width: 900px;
      position: relative;
}
.list-table {
      margin-top: 40px;
}
.list-table thead th{
      height:40px;
      border-top:2px solid #09C;
      border-bottom:1px solid #CCC;
      font-weight: bold;
      font-size: 17px;
}
.list-table tbody td{
      text-align:center;
      padding:10px 0;
      border-bottom:1px solid #CCC; height:20px;
      font-size: 14px
}
#write_btn {
      position: absolute;
      margin-top:20px;
      right: 0;
```

▼ 게시판 2단계 (글쓰기 버튼 활성화)

```
<!doctype html>
<head>
<meta charset="UTF-8">
<title>게시판</title>
<link rel="stylesheet" type="text/css" href="/./wstyle.css" />
</head>
<body>
    <div id="board_write">
        <h1><a href="/">자유게시판</a></h1>
        <h4>글을 작성하는 공간입니다.</h4>
            <div id="write_area">
                <form action="write_ok.php" method="post">
                    <div id="in_title">
                        <textarea name="title" id="utitle" rows="1" cols="55" placeholder="제목" maxlength="100" required></textarea>
```

```html
                    </div>
                    <div class="wi_line"></div>
                    <div id="in_name">
                        <textarea name="name" id="uname" rows="1" cols="55" placeholder="글쓴이" maxlength="100" required></textarea>
                    </div>
                    <div class="wi_line"></div>
                    <div id="in_content">
                        <textarea name="content" id="ucontent" placeholder="내용" required></textarea>
                    </div>
                    <div id="in_pw">
                        <input type="password" name="pw" id="upw"  placeholder="비밀번호" required />
                    </div>
                    <div class="bt_se">
                        <button type="submit">글 작성</button>
                    </div>
                </form>
            </div>
        </div>
    </body>
</html>
```

글쓰기 완료

```php
<?php
            require_once './db.php';

          $conn = mysqli_connect(DB_HOST,DB_USER,DB_PASSWORD,DB_DATABASE);
                 mysqli_query($conn, 'set session character_set_connection=utf8;');
                  mysqli_query($conn, 'set session character_set_results=utf8;');
                  mysqli_query($conn, 'set session character_set_client=utf8;');


        $username = $_POST['name'];
//      $userpw = password_hash($_POST['pw'], PASSWORD_DEFAULT);
        $userpw = $_POST['pw'];
        $title = $_POST['title'];
        $content = $_POST['content'];
        $date = date('Y-m-d');
//       echo "<script>
//     alert('.$username.$userpw.$title.$content.$date.');
//     location.href='/';</script>";

if($username && $userpw && $title && $content){
        $result = mysqli_query($conn, "INSERT INTO board (title, name, pw, content, date, hit) VALUES ('$title', '$username', '$userpw'
        if($result){
    echo "<script>
    alert('글쓰기 완료되었습니다.+쿼리문 정상');
    location.href='/';</script>";
        }
        else
        {
                echo "<script>
    alert('글쓰기 완료되었습니다.+쿼리문 이상');
    location.href='/';</script>";

        }
}else{
    echo "<script>
    alert('글쓰기에 실패했습니다.');
    history.back();</script>";
}
mysqli_close($conn);
?>
```

write_css

```css
#board_write {
        width:900px;
        position:relative;
        margin:0 auto;
}
#write_area {
        margin-top:70px;
```

```css
        font-size:14px;}
#in_name {
        margin-top:30px;
}
#in_name textarea {
        font-weight:bold;
        font-size:26px;
        color:#333;
        width: 900px;
        border:none;
        resize: none;
}
#in_title {
        margin-top:30px;
}
#in_title textarea {
        font-weight:bold;
        font-size:26px;
        color:#333;
        width: 900px;
        border:none;
        resize: none;
}
.wi_line {
        border:solid 1px lightgray;
        margin-top:10px;
}
#in_content {
        margin-top:10px;
}
#in_content textarea {
        font:14px;
        color:#333;
        width: 900px;
        height: 400px;
        resize: none;
}
#in_pw input {
        font:14px;
        margin-top:10px;
}
.bt_se {
        margin-top:20px;
        text-align:center;
}
.bt_se button {
        width:100px;
        height:30px;
}
```

글을 작성하는 공간입니다.

테스트중

테스트

```
테스트|
```

```
••••
```

글 작성

⚠ 주의 요함 | 192.168.0.206/write_ok.php

owerint.com/xcu... 🌐 새 탭 📁 프로젝트 ▲ SBA_클라우드과정... T 보자!!... ⭐

192.168.0.206 내용:

글쓰기 완료되었습니다.+쿼리문 정상

확인

| 10 | 테스트중 | 테스트 | 2020-10-10 00:00:00 | 0 |

글쓰기

```
<!doctype html>
<head>
<meta charset="UTF-8">
<title>게시판</title>
<link rel="stylesheet" type="text/css" href="./wstyle.css" />
</head>
<body>
    <div id="board_write">
```

```
            <h1><a href="/">자유게시판</a></h1>
            <h4>글을 작성하는 공간입니다.</h4>
                <div id="write_area">
                    <form action="write_ok.php" method="post">
                        <div id="in_title">
                            <textarea name="title" id="utitle" rows="1" cols="55" placeholder="제목" maxlength="100" required></textarea>
                        </div>
                        <div class="wi_line"></div>
                        <div id="in_name">
                            <textarea name="name" id="uname" rows="1" cols="55" placeholder="글쓴이" maxlength="100" required></textarea>
                        </div>
                        <div class="wi_line"></div>
                        <div id="in_content">
                            <textarea name="content" id="ucontent" placeholder="내용" required></textarea>
                        </div>
                        <div id="in_pw">
                            <input type="password" name="pw" id="upw"  placeholder="비밀번호" required />
                        </div>
                        <div class="bt_se">
                            <button type="submit">글 작성</button>
                        </div>
                    </form>
                </div>
            </div>
        </body>
</html>
```
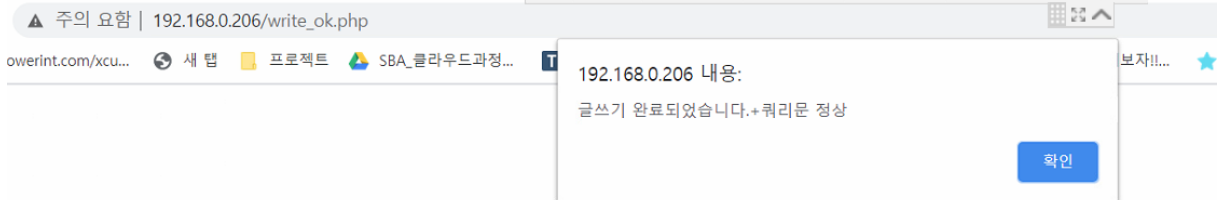
글쓰기 완료

```php
php
<?php
            require_once './db.php';

         $conn = mysqli_connect(DB_HOST,DB_USER,DB_PASSWORD,DB_DATABASE);
                mysqli_query($conn, 'set session character_set_connection=utf8;');
                 mysqli_query($conn, 'set session character_set_results=utf8;');
                 mysqli_query($conn, 'set session character_set_client=utf8;');

        $username = $_POST['name'];
//      $userpw = password_hash($_POST['pw'], PASSWORD_DEFAULT);
        $userpw = $_POST['pw'];
        $title = $_POST['title'];
        $content = $_POST['content'];
        $date = date('Y-m-d');
//       echo "<script>
//    alert('.$username.$userpw.$title.$content.$date.');
//    location.href='/';</script>";

if($username && $userpw && $title && $content){
        $result = mysqli_query($conn, "INSERT INTO board (title, name, pw, content, date, hit) VALUES ('$title', '$username', '$userpw','$c
        if($result){
    echo "<script>
    alert('글쓰기 완료되었습니다.+쿼리문 정상');
    location.href='/';</script>";
        }
        else
        {
                echo "<script>
    alert('글쓰기 완료되었습니다.+쿼리문 이상');
    location.href='/';</script>";

        }
}else{
    echo "<script>
    alert('글쓰기에 실패했습니다.');
    history.back();</script>";
}
mysqli_close($conn);
?>
```
```

write_css

```html
html
#board_write {
```

```css
        width:900px;
        position:relative;
        margin:0 auto;
}
#write_area {
        margin-top:70px;
        font-size:14px;}
#in_name {
        margin-top:30px;
}
#in_name textarea {
        font-weight:bold;
        font-size:26px;
        color:#333;
        width: 900px;
        border:none;
        resize: none;
}
#in_title {
        margin-top:30px;
}
#in_title textarea {
        font-weight:bold;
        font-size:26px;
        color:#333;
        width: 900px;
        border:none;
        resize: none;
}
.wi_line {
        border:solid 1px lightgray;
        margin-top:10px;
}
#in_content {
        margin-top:10px;
}
#in_content textarea {
        font:14px;
        color:#333;
        width: 900px;
        height: 400px;
        resize: none;
}
#in_pw input {
        font:14px;
        margin-top:10px;
}
.bt_se {
        margin-top:20px;
        text-align:center;
}
.bt_se button {
        width:100px;
        height:30px;
}
```

글쓰기 완료

```php
<?php
                        require_once './db.php';
?>
<!doctype html>
<head>
<meta charset="UTF-8">
<title>게시판</title>
<link rel="stylesheet" type="text/css" href="./rstyle.css" />
</head>
<body>
        <?php

                $conn = mysqli_connect(DB_HOST,DB_USER,DB_PASSWORD,DB_DATABASE);
                        mysqli_query($conn, 'set session character_set_connection=utf8;');
                        mysqli_query($conn, 'set session character_set_results=utf8;');
                        mysqli_query($conn, 'set session character_set_client=utf8;');


                $bno = $_GET['idx']; /* bno함수에 idx값을 받아와 넣음*/
                $hit = mysqli_query($conn, "select * from board where idx ='".$bno."'");
```

```
                $hit = mysqli_query($conn, "update board set hit = hit+1 where idx = '".$bno."'");
                $sql = mysqli_query($conn, "select * from board where idx='".$bno."'"); /* 받아온 idx값을 선택 */
                $board = mysqli_fetch_array($sql);
        ?>
<!-- 글 불러오기 -->
<div id="board_read">
        <h2><?php echo $board['title']; ?></h2>
                <div id="user_info">
                        <?php echo $board['name']; ?> <?php echo $board['date']; ?> 조회:<?php echo $board['hit']; ?>
                                <div id="bo_line"></div>
                        </div>
                        <div id="bo_content">
                                <?php echo nl2br("$board[content]"); ?>
                        </div>
        <!-- 목록, 수정, 삭제 -->
        <div id="bo_ser">
                <ul>
                        <li><a href="/">[목록으로]</a></li>
                        <li><a href="modify.php?idx=<?php echo $board['idx']; ?>">[수정]</a></li>
                        <li><a href="delete.php?idx=<?php echo $board['idx']; ?>">[삭제]</a></li>
                </ul>
        </div>
</div>
</body>
</html>
```

게시판 3단계(글쓰기 완료 후 읽기)

```
<?php
                        require_once './db.php';
?>
<!doctype html>
<head>
<meta charset="UTF-8">
<title>게시판</title>
<link rel="stylesheet" type="text/css" href="./rstyle.css" />
</head>
<body>
        <?php

                $conn = mysqli_connect(DB_HOST,DB_USER,DB_PASSWORD,DB_DATABASE);
                        mysqli_query($conn, 'set session character_set_connection=utf8;');
                        mysqli_query($conn, 'set session character_set_results=utf8;');
                        mysqli_query($conn, 'set session character_set_client=utf8;');


                $bno = $_GET['idx']; /* bno함수에 idx값을 받아와 넣음*/
                $hit = mysqli_query($conn, "select * from board where idx ='".$bno."'");
                $hit = mysqli_query($conn, "update board set hit = hit+1 where idx = '".$bno."'");
                $sql = mysqli_query($conn, "select * from board where idx='".$bno."'"); /* 받아온 idx값을 선택 */
                $board = mysqli_fetch_array($sql);
        ?>
<!-- 글 불러오기 -->
<div id="board_read">
        <h2><?php echo $board['title']; ?></h2>
                <div id="user_info">
                        <?php echo $board['name']; ?> <?php echo $board['date']; ?> 조회:<?php echo $board['hit']; ?>
                                <div id="bo_line"></div>
                        </div>
                        <div id="bo_content">
                                <?php echo nl2br("$board[content]"); ?>
                        </div>
        <!-- 목록, 수정, 삭제 -->
        <div id="bo_ser">
                <ul>
                        <li><a href="/">[목록으로]</a></li>
                        <li><a href="modify.php?idx=<?php echo $board['idx']; ?>">[수정]</a></li>
                        <li><a href="delete.php?idx=<?php echo $board['idx']; ?>">[삭제]</a></li>
                </ul>
        </div>
</div>
</body>
</html>
```

read .css

```
#board_read {
        width:900px;
        position: relative;
        word-break:break-all;
}
#user_info {
        font-size:14px;
}
#user_info ul li {
        float:left;
        margin-left:10px;
}
#bo_line {
        width:880px;
        height:2px;
        background: gray;
        margin-top:20px;
}
#bo_content {
        margin-top:20px;
}
#bo_ser {
        font-size:14px;
        color:#333;
        position: absolute;
        right: 0;
}
#bo_ser > ul > li {
        float:left;
        margin-left:20px;
}
```