

CHAPTER 15

웹 사이트 구축: 로그인/로그아웃, 회원 가입, 게시판 만들기

01 **북마켓** 로그인/로그아웃 기능 만들기

02 **북마켓** 회원 가입/수정/
탈퇴 기능 만들기

03 **북마켓** 게시판 만들기

학습목표

- 객체 지향 기반의 PHP와 MySQL 데이터베이스 연동에 대해 이해합니다.
- 로그인/로그아웃 페이지를 만듭니다.
- 회원 가입/수정/탈퇴 페이지를 만듭니다.
- 게시판을 만듭니다.

앞에서 배운 객체 지향 기반의 MySQL API를 적용하여 회원 가입, 수정, 탈퇴 페이지를 만듭니다.

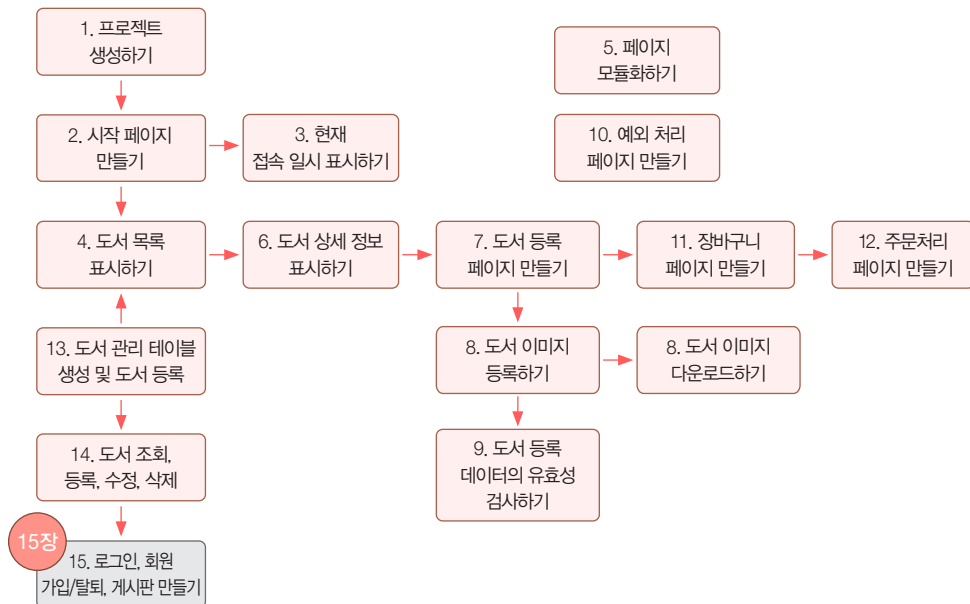
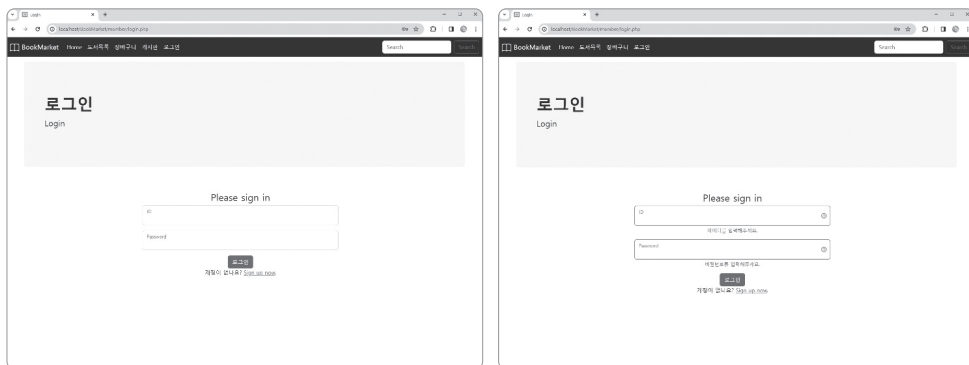


그림 15-1 작업 과정 확인: 로그인, 회원 가입/탈퇴, 게시판 만들기



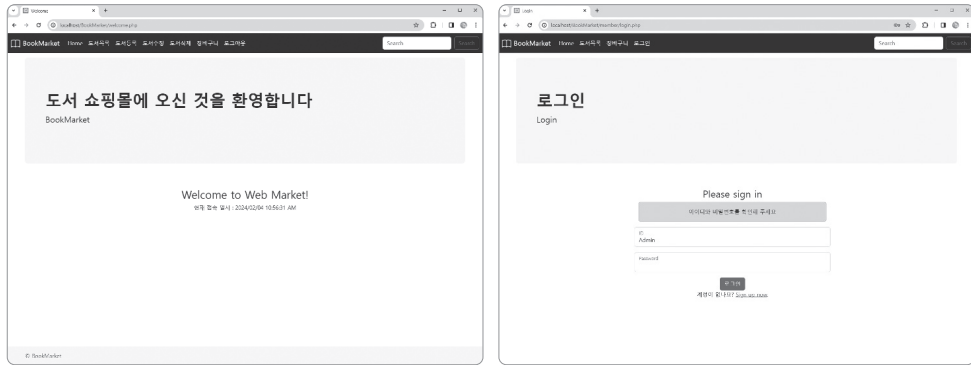


그림 15-2 완성된 북마켓 로그인 페이지

예제 15-1 데이터베이스에 회원 관리 테이블 만들기

1 회원 관리 테이블 생성하기: [BookMarket] 폴더에 [member] 폴더를 만들어 'createTable.php' 파일을 생성하고 다음과 같이 작성합니다.

BookMarket/member/createTable.php

```

01  <?php
02      $host = 'localhost';
03      $user = 'admin';
04      $pass = 'admin1234';
05      $conn = new mysqli($host, $user, $pass, "BookMarketDB");
06
07      if(! $conn )
08      {
09          die('데이터베이스 연결이 실패 : ' . $conn-> connect_error);
10      }
11
12      $sql = "create table member(
13          id varchar(10) not null,
14          password varchar(10) not null,
15          name varchar(10) not null,
16          gender varchar(4),
17          birth varchar(10),
18          mail varchar(30),
19          phone varchar(20),

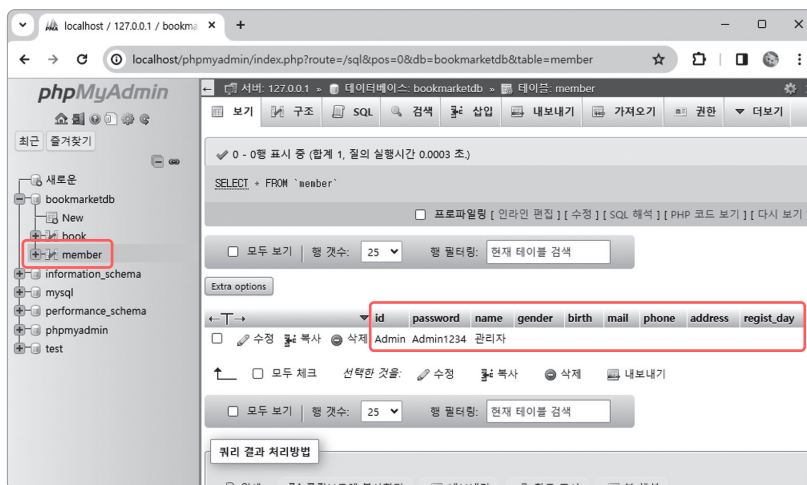
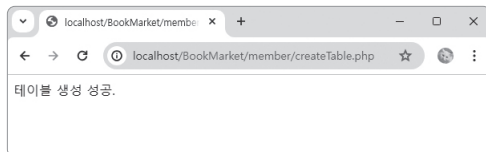
```

```

20     address varchar(90),
21     regist_day varchar(50),
22     primary key(id)
23 ) default CHARSET = utf8;";
24
25
26 if($conn-> query($sql)){
27     echo "테이블 생성 성공.";
28 } else{
29     echo "테이블 생성 실패. $sql. " . $conn->error;
30 }
31
32 $sql = "INSERT INTO member (id, password, name, gender, birth, mail,
    phone, address, regist_day) VALUES ('Admin', 'Admin1234', '관리자', '', '',
    '', '', '', ' ' )";
33 $conn-> query($sql);
34 $conn->close();
35 ?>

```

▼ 실행결과



1 메뉴 페이지 수정하기: 'menu.php' 파일에 다음과 같이 추가 작성합니다.

BookMarket/menu.php

```

01  <?php
02  session_start();
03  ?>
04  <header>
05  ...
06      <li class="nav-item">
07          <a class="nav-link active" aria-current="page" href="/BookMarket/books.
php">도서목록</a>
08      </li>
09      <?php
10          if(isset($_SESSION["loggedin"]) && $_SESSION["loggedin"] === true &&
$_SESSION["id"] === "Admin") {
11          ?>
12              <li class="nav-item">
13                  <a class="nav-link active" aria-current="page" href="/BookMarket/
addBook.php">도서등록</a>
14              </li>
15              <li class="nav-item">
16                  <a class="nav-link active" aria-current="page" href="/BookMarket/
editBooks.php?edit=update">도서수정</a>
17              </li>
18              <li class="nav-item">
19                  <a class="nav-link active" aria-current="page" href="/BookMarket/
editBooks.php?edit=delete">도서삭제</a>
20              </li>
21              <?php
22              }
23              ?>
24              <li class="nav-item">
25                  <a class="nav-link active" aria-current="page" href="/BookMarket/cart.
php">장바구니</a>
26              </li>

```

```

27     <?php
28     if(isset($_SESSION["loggedin"]) && $_SESSION["loggedin"] === true) {
29         ?>
30         <li class="nav-item">
31             <a class="nav-link active" aria-current="page" href="/BookMarket/member
/logout.php">로그아웃</a>
32         </li>
33
34         <?php
35         } else{
36             ?>
37             <li class="nav-item">
38                 <a class="nav-link active" aria-current="page" href="/BookMarket/member
/login.php">로그인</a>
39             </li>
40         <?php
41         }
42         ?>
43     </ul>
44     <form class="d-flex" role="search">
45     ...

```

2 로그인 페이지 만들기: [BookMaket/member] 폴더에 'login.php' 파일을 생성하고 다음과 같이 작성합니다.

BookMaket/member/login.php

```

01 <?php
02
03 require_once "../dbconn.php";
04
05 $id = $password = "";
06 $id_err = $password_err = $login_err = "";
07
08 if($_SERVER["REQUEST_METHOD"] == "POST"){

```

```

09
10     if(empty(trim($_POST["id"]))) {
11         $id_err = "아이디를 입력해주세요.";
12     } else {
13         $id = trim($_POST["id"]);
14     }
15
16     if(empty(trim($_POST["password"]))) {
17         $password_err = "비밀번호를 입력해주세요.";
18     } else {
19         $password = trim($_POST["password"]);
20     }
21
22     if(empty($id_err) && empty($password_err)) {
23         $sql = "SELECT id, password, name FROM member WHERE id = ?";
24
25         if($stmt = $conn->prepare($sql)) {
26             $stmt->bind_param("s", $param_id);
27             $param_id = $id;
28
29             if($stmt->execute()) {
30                 $stmt->store_result();
31                 if($stmt->num_rows == 1) {
32                     $stmt->bind_result($id, $hashed_password, $name);
33                     if($stmt->fetch()) {
34                         if($password == $hashed_password) {
35                             session_start();
36
37                             $_SESSION["loggedin"] = true;
38                             $_SESSION["id"] = $id;
39                             $_SESSION["name"] = $name;
40
41                             header("location: ../welcome.php");
42                         } else {
43                             $login_err = "아이디와 비밀번호를 확인해 주세요";

```

```

44         }
45     }
46     } else{
47         $login_err = "아이디와 비밀번호를 확인해 주세요.";
48     }
49     } else{
50         echo " 나중에 다시 시도 해주십시오.";
51     }
52     $stmt->close();
53 }
54 }
55 $conn->close();
56 }
57 ?>
58
59 <!DOCTYPE html>
60 <html class="h-100" >
61 <head>
62     <title>Login</title>
63     <link href="../../resources/css/bootstrap.min.css" rel="stylesheet">
64 </head>
65 <body class="d-flex flex-column h-100">
66
67 <?php
68 require "../menu.php";
69 ?>
70
71 <br>
72 <main>
73 <div class="container py-5">
74     <div class="p-5 mb-4 bg-body-tertiary rounded-3">
75         <div class="container-fluid py-5">
76             <h1 class="display-5 fw-bold">로그인</h1>
77             <p class="col-md-8 fs-4">Login</p>
78         </div>
79     </div>

```

```

80     <div class="row align-items-md-stretch text-center">
81         <div class="row justify-content-center align-items-center ">
82             <div class="h-100 p-5 col-md-6">
83                 <h3>Please sign in</h3>
84
85                 <?php
86                 if(!empty($login_err)){
87                     echo '<div class="alert alert-danger">' . $login_err . '</div>';
88                 }
89                 ?>
90
91                 <form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>" method
                    ="post">
92                     <div class="form-floating mb-3 row">
93                         <input type="text" name="id" class="form-control <?php echo (!empty($id_
                    err)) ? 'is-invalid' : ''; ?>" value="<?php echo $id; ?>"
94                         <span class="invalid-feedback"><?php echo $id_err; ?></span>
95                         <label for="floatingInput">ID</label>
96                     </div>
97                     <div class="form-floating mb-3 row">
98                         <input type="password" name="password" class="form-control <?php echo
                    (!empty($password_err)) ? 'is-invalid' : ''; ?>"
99                         <span class="invalid-feedback"><?php echo $password_err; ?></span>
100                        <label for="floatingInput">Password</label>
101                    </div>
102                    <div class="form-group">
103                        <input type="submit" class="btn btn-primary" value="로그인">
104                    </div>
105                </form>
106                <p>계정이 없나요? <a href="addMember.php">Sign up now</a>.</p>
107            </div>
108        </div>
109    </div>
110 </div>
111 </main>
112 </body>
113 </html>

```

3 로그인아웃 페이지 만들기: [BookMaket/member] 폴더에 'logout.php' 파일을 생성하고 다음과 같이 작성합니다.

BookMarket/member/logout.php

```
01  <?php
02      session_start();
03      session_unset();
04
05      header("location: ../login.php");
06  ?>
```

4 시작 페이지 수정하기: 'welcome.php' 파일을 다음과 같이 수정합니다.

BookMarket/welcome.php

```
01  <?php
02      header("Refresh:5");
03      date_default_timezone_set("Asia/Seoul");
04  ?>
05  <!doctype html>
06  <html class="h-100" >
07  <head>
08      <title>Welcome</title>
09      <link href="../resources/css/bootstrap.min.css" rel="stylesheet">
10  </head>
11  ...
12  <div class="col-md-12">
13      <div class="h-100 p-5">
14          <h2><?php echo $tagline ?></h2>
15          <?php
16              echo "현재 접속 일시 : ".date("Y/m/d H:i:s A");
17          ?>
18      </div>
19  </div>
20  </div>
21  ...
```

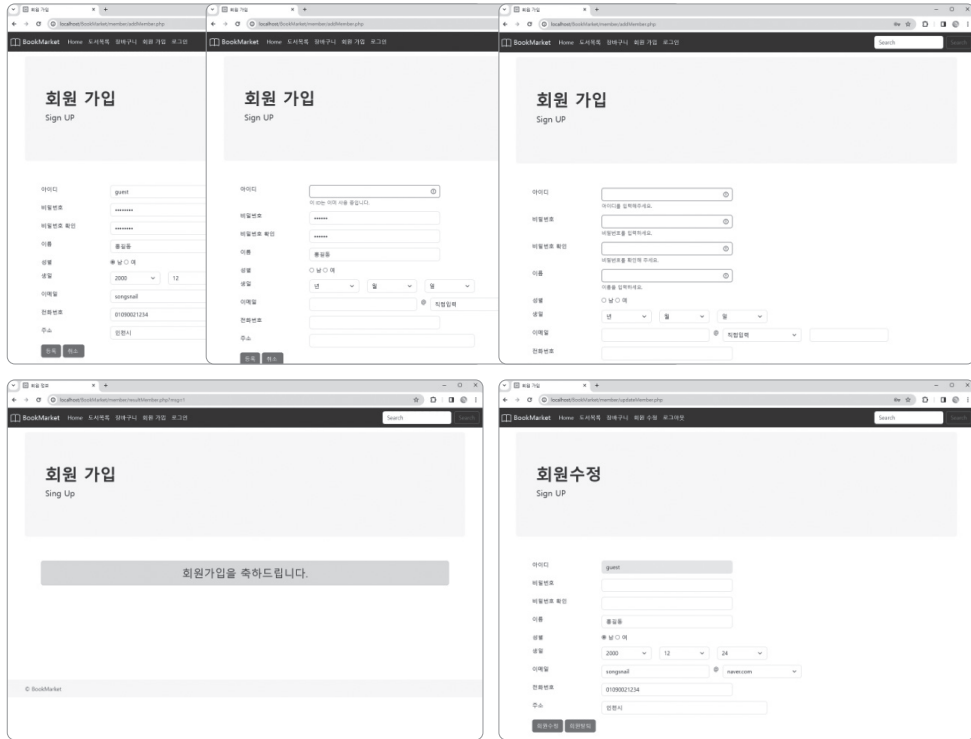


그림 15-3 완성된 회원 가입 페이지

예제 15-3 회원 가입/수정/탈퇴 페이지 만들기

1 메뉴 페이지 수정하기: 'menu.php' 파일에 다음과 같이 추가 작성합니다.

BookMarket/memu.php

```
01 <?php
02 //Initialize the session
03 session_start();
```

```

04  ?>
05  ...
06      <li class="nav-item">
07          <a class="nav-link active" aria-current="page" href="/BookMarket/
cart.php">장바구니</a>
08      </li>
09      <?php
10          if(isset($_SESSION["loggedin"]) && $_SESSION["loggedin"] === true) {
11              ?>
12                  <li class="nav-item">
13                      <a class="nav-link active" aria-current="page" href="/BookMarket/
member/updateMember.php">회원 수정</a>
14                  </li>
15                  <li class="nav-item">
16                      <a class="nav-link active" aria-current="page" href="/BookMarket/
member/logout.php">로그아웃</a>
17                  </li>
18
19                  <?php
20                      } else{
21                          ?>
22                              <li class="nav-item">
23                                  <a class="nav-link active" aria-current="page" href="/BookMarket/
member/addMember.php">회원 가입</a>
24                              </li>
25                              <li class="nav-item">
26                                  <a class="nav-link active" aria-current="page" href="/BookMarket/
member/login.php">로그인</a>
27                              </li>
28                          <?php
29                              }
30                          ?>
31                      </ul>
32      ...

```

2 회원 관련 결과 페이지 만들기: [BookMarket/member] 폴더에 'resultMember.php' 파일을 생성하고 다음과 같이 작성합니다.

BookMarket/member/resultMember.php

```
01 <!doctype html>
02 <html class="h-100" >
03 <head>
04     <title>회원 정보</title>
05     <link href="../../resources/css/bootstrap.min.css" rel="stylesheet">
06 </head>
07 <body class="d-flex flex-column h-100">
08
09 <?php
10 require "../menu.php";
11 ?>
12
13 <br>
14 <main>
15 <div class="container py-5">
16     <div class="p-5 mb-4 bg-body-tertiary rounded-3">
17         <div class="container-fluid py-5">
18             <?php
19                 if(isset( $_GET["msg"]))
20                     $msg = $_GET["msg"];
21                 If($msg=="0" || $msg=="2" || $msg=="3"){
22                     ?>
23
24                     <h1 class="display-5 fw-bold">회원 정보</h1>
25                     <p class="col-md-8 fs-4">Sing In</p>
26
27                     <?php
28                     } else if($msg=="1"){
29                         ?>
30
31                     <h1 class="display-5 fw-bold">회원 가입</h1>
32                     <p class="col-md-8 fs-4">Sing Up</p>
33
```

```

34     <?php
35     }
36     ?>
37     </div>
38 </div>
39 <div class="row align-items-md-stretch text-center">
40     <div class="col-md-12">
41         <div class="h-100 p-5">
42
43 <?php
44 if($msg != null) {
45     if($msg=="0")
46         echo "<h2 class='alert alert-danger'>회원정보가 수정되었습니다.</h2>";
47     else if($msg=="1")
48         echo "<h2 class='alert alert-danger'>회원이입을 축하드립니다.</h2>";
49     else if($msg=="2") {
50         $loginId = $_SESSION["sessionID"];
51         echo "<h2 class='alert alert-danger'>" . $loginId . "님 환영합니다</h2>";
52     }
53     else if($msg=="3") {
54         echo "<h2 class='alert alert-danger'>회원정보가 삭제되었습니다.</h2>";
55     }
56 }
57 ?>
58     </div>
59 </div>
60 </div>
61 </div>
62 </main>
63 <?php
64 require "../footer.php";
65 ?>
66 </body>
67 </html>

```

3 회원 가입 페이지 만들기: 'addMember.php' 파일을 생성하고 다음과 같이 작성합니다.

BookMarket/member/addMember.php

```
01 <?php
02 require_once "../dbconn.php";
03
04 $id = $password = $confirm_password = $name = $mail = "";
05 $id_err = $password_err = $confirm_password_err = $name_err = $mail_err = "";
06
07 if($_SERVER["REQUEST_METHOD"] == "POST"){
08     if(empty(trim($_POST["id"]))) {
09         $id_err = "아이디를 입력해주세요.";
10     } elseif(!preg_match('/^[a-zA-Z0-9_]+$/', trim($_POST["id"]))) {
11         $id_err = "id에는 문자, 숫자, 밑줄만 포함할 수 있습니다.";
12     } else {
13         $sql = "SELECT id FROM Member WHERE id = ?";
14
15         if($stmt = $conn->prepare( $sql)){
16             $stmt->bind_param("s", $param_id);
17             $param_id = trim($_POST["id"]);
18             if( $stmt->execute()){
19                 $stmt->store_result();
20
21                 if( $stmt->num_rows == 1){
22                     $id_err = "이 ID는 이미 사용 중입니다.";
23                 } else {
24                     $id = trim($_POST["id"]);
25                 }
26             } else {
27                 echo "나중에 다시 시도 해주세요.";
28             }
29             $stmt->close();
30         }
31     }
32
33     if(empty(trim($_POST["password"]))) {
34         $password_err = "비밀번호를 입력하세요.";
```

```

35     } elseif(strlen(trim($_POST["password"])) < 6){
36         $password_err = "비밀번호는 6자 이상이어야 합니다.";
37     } else{
38         $password = trim($_POST["password"]);
39     }
40
41     if(empty(trim($_POST["confirm_password"]))){
42         $confirm_password_err = "비밀번호를 확인해 주세요.";
43     } else{
44         $confirm_password = trim($_POST["confirm_password"]);
45         if(empty($password_err) && ($password != $confirm_password)){
46             $confirm_password_err = "Password did not match.";
47         }
48     }
49
50     if(empty(trim($_POST["name"]))){
51         $name_err = "이름을 입력하세요.";
52     } else{
53         $name = trim($_POST["name"]);
54     }
55
56     if( empty(trim($_POST["mail1"])) ){
57         $email_err = "이메일을 입력하세요.";
58     } else if( trim($_POST["mail2"])!="1"){
59         $mail1 = trim($_POST["mail1"]);
60         $mail = $mail1."@".trim($_POST["mail2"]);
61     }
62
63     if( trim($_POST["mail2"])=="1" && empty(trim($_POST["mail2_input"])) ){
64         $email_err = "이메일을 입력하세요.";
65     } else if( trim($_POST["mail2"])=="1" ){
66         $mail2 = trim($_POST["mail2_input"]);
67         $mail = trim($_POST["mail1"])."@".$mail2;
68     }
69
70     if(empty($id_err) && empty($password_err) && empty($confirm_password_err)
&& empty($name_err) && empty($mail_err)){

```

```

71     $sql = "INSERT INTO member (id, password, name, gender, birth, mail,
phone, address, regist_day) VALUES (?, ?, ?, ?, ?, ?, ?, ?)";
72
73     if($stmt = $conn->prepare($sql)){
74         $stmt->bind_param("ssssssss", $param_id, $param_password, $param_name,
$param_gender, $param_birth, $param_mail, $param_phone, $param_address,
$param_regist_day);
75         $param_id = $id;
76         $param_password = $password;
77         $param_name = $name;
78         $param_gender = trim($_POST["gender"]);
79
80         $year = trim($_POST["birthyy"]);
81         $month = trim($_POST["birthmm"]);
82         $day = trim($_POST["birthdd"]);
83         $birth = trim($year . "/" . $month . "/" . $day);
84         $param_birth = $birth;
85
86         $param_mail=$mail;
87         $param_phone=trim($_POST["phone"]);
88         $param_address=trim($_POST["address"]);
89         $param_regist_day = date("Y/m/d H:i:s A");
90
91         if($stmt->execute()){
92             Header("Location:resultMember.php?msg=1");
93         } else{
94             echo "나중에 다시 시도 해주세요.";
95         }
96         $stmt->close($stmt);
97     }
98 }
99 $conn->close();
100 }
101 ?>
102
103 <!doctype html>
104 <html class="h-100">

```

```

105 <head>
106   <title>회원 가입</title>
107   <link href="../resources/css/bootstrap.min.css" rel="stylesheet">
108 </head>
109
110 <script type="text/javascript">
111   function show_mail(val) {
112     if(val=='1') {
113       document.memberForm.mail2_input.style.visibility = 'visible';
114     }
115     else {
116       document.memberForm.mail2_input.style.visibility = 'hidden';
117     }
118   }
119 </script>
120
121 <body class="d-flex flex-column h-100">
122 <?php
123 require "../menu.php";
124 ?>
125
126 <br>
127 <main>
128 <div class="container py-5">
129   <div class="p-5 mb-4 bg-body-tertiary rounded-3">
130     <div class="container-fluid py-5">
131       <h1 class="display-5 fw-bold">회원 가입</h1>
132       <p class="col-md-8 fs-4">Sign UP</p>
133     </div>
134   </div>
135   <div class="row align-items-md-stretch ">
136     <div class="col-md-12">
137       <div class="h-100 p-5">
138         <form name="memberForm" action="<?php echo htmlspecialchars($_SERVER
139           ["PHP_SELF"]); ?>" method="post">
140           <div class="mb-3 row">
141             <label class="col-sm-2">아이디</label>

```

```

141         <div class="col-sm-4">
142             <input type="text" name="id" class="form-control <?php echo
(!empty($id_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $id; ?>">
143             <span class="invalid-feedback"><?php echo $id_err; ?></span>
144         </div>
145     </div>
146
147     <div class="mb-3 row">
148         <label class="col-sm-2">비밀번호</label>
149         <div class="col-sm-4">
150             <input type="password" name="password" class="form-control <?php echo
(!empty($password_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $password; ?>">
151             <span class="invalid-feedback"><?php echo $password_err; ?></span>
152         </div>
153     </div>
154
155     <div class="mb-3 row">
156         <label class="col-sm-2">비밀번호 확인</label>
157         <div class="col-sm-4">
158             <input type="password" name="confirm_password" class="form-control
<?php echo (!empty($confirm_password_err)) ? 'is-invalid' : ''; ?>" value="
<?php echo $confirm_password; ?>">
159             <span class="invalid-feedback"><?php echo $confirm_password_err; ?>
</span>
160         </div>
161     </div>
162
163     <div class="mb-3 row">
164         <label class="col-sm-2">이름</label>
165         <div class="col-sm-4">
166             <input type="text" name="name" class="form-control <?php echo (!empty
($name_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $name; ?>">
167             <span class="invalid-feedback"><?php echo $name_err; ?></span>
168         </div>
169     </div>
170
171     <div class="mb-3 row">

```

```

172     <label class="col-sm-2">성별</label>
173     <div class="col-sm-5">
174         <input name="gender" type="radio" value="남" /> 남
175         <input name="gender" type="radio" value="여" /> 여
176     </div>
177 </div>
178
179 <div class="mb-3 row">
180     <label class="col-sm-2">생일</label>
181     <div class="col-sm-10">
182         <div class="row">
183             <div class="col-sm-2">
184                 <select name="birthyy" class="form-select">
185                     <option value="">년</option>
186                     <?php
187                         for($i =1940; $i<=2050; $i++)
188                             echo "<option value='$i'>$i</option>";
189                     ?>
190                 </select>
191             </div>
192             <div class="col-sm-2">
193                 <select name="birthmm" class="form-select">
194                     <option value="">월</option>
195                     <?php
196                         for($i =1; $i<=12; $i++)
197                             echo "<option value='$i'>$i</option>";
198                     ?>
199                 </select>
200             </div>
201             <div class="col-sm-2">
202                 <select name="birthdd" class="form-select">
203                     <option value="">일</option>
204                     <?php
205                         for($i =1; $i<=31; $i++)
206                             echo "<option value='$i'>$i</option>";
207                     ?>
208                 </select>

```

```

209         </div>
210     </div>
211 </div>
212 </div>
213
214 <div class="mb-3 row">
215     <label class="col-sm-2">이메일</label>
216     <div class="col-sm-10">
217         <div class="row">
218             <div class="col-sm-4">
219                 <input type="text" name="mail1" class="form-control <?php echo
(!empty($mail_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $mail; ?>">
220                 <span class="invalid-feedback"><?php echo $mail_err; ?></span>
221             </div> @
222             <div class="col-sm-3">
223                 <select name="mail2" class="form-select" onChange="show_mail(this.
value)">
224                     <option value='1'>직접입력</option>
225                     <option>naver.com</option>
226                     <option>daum.net</option>
227                     <option>gmail.com</option>
228                     <option>nate.com</option>
229                 </select>
230             </div>
231             <div class="col-sm-3">
232                 <input type="text" name="mail2_input" maxlength="50" class="form-
control" >
233             </div>
234         </div>
235     </div>
236 </div>
237
238 <div class="mb-3 row">
239     <label class="col-sm-2">전화번호</label>
240     <div class="col-sm-4">
241         <input type="text" name="phone" class="form-control">
242     </div>

```

```

243     </div>
244
245     <div class="mb-3 row">
246         <label class="col-sm-2">주소</label>
247         <div class="col-sm-5">
248             <input type="text" name="address" class="form-control">
249         </div>
250     </div>
251
252     <div class="mb-3 row">
253         <div class="col-sm-offset-2 col-sm-10 ">
254             <input type="submit" class="btn btn-primary" value="등록" >
255             <input type="reset" class="btn btn-primary " value="취소 " onclick=
"reset()" >
256         </div>
257     </div>
258 </form>
259 </div>
260 </div>
261 </div>
262 </div>
263 </main>
264 <?php
265 require "../footer.php";
266 ?>
267 </body>
268 </html>

```

4 회원 정보 수정 페이지 만들기: 'updateMember.php' 파일을 생성하고 다음과 같이 작성합니다.

BookMarket/member/updateMember.php

```

01 <?php
02 require_once "../dbconn.php";
03
04 $id = $password = $confirm_password = $name = $mail = "";
05 $id_err = $password_err = $confirm_password_err = $name_err = $mail_err = "";

```

```

06
07 if($_SERVER["REQUEST_METHOD"] == "POST"){
08     $id = trim($_POST["id"]);
09
10     if(empty(trim($_POST["password"]))) {
11         $password_err = "비밀번호를 입력하세요.";
12     } elseif(strlen(trim($_POST["password"])) < 6){
13         $password_err = "비밀번호는 6자 이상이어야 합니다.";
14     } else{
15         $password = trim($_POST["password"]);
16     }
17
18     if(empty(trim($_POST["confirm_password"]))) {
19         $confirm_password_err = "비밀번호를 확인해 주세요.";
20     } else{
21         $confirm_password = trim($_POST["confirm_password"]);
22         if(empty($password_err) && ($password != $confirm_password)){
23             $confirm_password_err = "Password did not match.";
24         }
25     }
26
27     if(empty(trim($_POST["name"]))) {
28         $name_err = "이름을 입력하세요.";
29     } else{
30         $name = trim($_POST["name"]);
31     }
32
33     if(empty(trim($_POST["mail1"]))) {
34         $email_err = "이메일을 입력하세요.";
35     } else if(trim($_POST["mail2"])!="1"){
36         $mail1 = trim($_POST["mail1"]);
37         $mail = $mail1."@".trim($_POST["mail2"]);
38     }
39
40     if(trim($_POST["mail2"]) === "1" && empty(trim($_POST["mail2_input"]))) {
41         $email_err = "이메일을 입력하세요.";
42     } else if(trim($_POST["mail2"])=="1"){

```

```

43     $mail2 = trim($_POST["mail2_input"]);
44     $mail = trim($_POST["mail1"])."@".$mail2;
45 }
46
47 if(empty($id_err) && empty($password_err) && empty($confirm_password_err)
&& empty($name_err) && empty($mail_err)){
48     $sql = "UPDATE member SET password=?, name=?, gender=?, birth=?, mail=?,
phone=?, address=? WHERE id=?";
49
50     if($stmt=$conn->prepare($sql)){
51         $stmt->bind_param("sssssss", $param_password, $param_name, $param_
gender, $param_birth, $param_mail, $param_phone, $param_address, $param_id);
52         $param_password = $password;
53         $param_name = $name;
54         $param_id = $id;
55
56         $param_gender = trim($_POST["gender"]);
57
58         $year = trim($_POST["birthyy"]);
59         $month = trim($_POST["birthmm"]);
60         $day = trim($_POST["birthdd"]);
61         $birth = trim($year . "/" . $month . "/" . $day);
62         $param_birth = $birth;
63
64         $param_mail = $mail;
65         $param_phone = trim($_POST["phone"]);
66         $param_address = trim($_POST["address"]);
67
68         if($stmt->execute()){
69             Header("Location:resultMember.php?msg=0");
70         } else{
71             echo "나중에 다시 시도해 주십시오.";
72         }
73         $stmt->close();
74     }
75 }
76 }

```

```

77  ?>
78
79  <!doctype html>
80  <html class="h-100" >
81  <head>
82    <title>회원 가입</title>
83    <link href="../../resources/css/bootstrap.min.css" rel="stylesheet">
84  </head>
85
86  <script type="text/javascript">
87    function show_mail(val){
88      if(val=='1'){
89        document.memberForm.mail2_input.style.visibility = 'visible';
90      }
91      else {
92        document.memberForm.mail2_input.style.visibility = 'hidden';
93      }
94    }
95
96    function deleteConfirm(){
97      if(confirm("회원을 탈퇴합니다!!") == true)
98        location.href = "../deleteMember.php";
99      else
100        return;
101    }
102  </script>
103
104  <body class="d-flex flex-column h-100">
105  <?php
106  require "../menu.php";
107  if(isset($_SESSION["loggedin"]) && $_SESSION["loggedin"] === true){
108
109    $param_id = trim($_SESSION["id"]);
110    $sql = "SELECT * FROM Member WHERE id = ?";
111
112    $stmt = $conn->prepare($sql);
113    $stmt->bind_param("s", $param_id);

```

```

114     $stmt->execute();
115     $stmt->bind_result($id, $password, $name, $gender, $birth, $mail, $phone,
    $address, $regist_day);
116     $stmt->fetch();
117 }
118 mysqli_close($conn);
119 ?>
120
121 <br>
122 <main>
123 <div class="container py-5">
124     <div class="p-5 mb-4 bg-body-tertiary rounded-3">
125         <div class="container-fluid py-5">
126             <h1 class="display-5 fw-bold">회원 수정</h1>
127             <p class="col-md-8 fs-4">Sign UP</p>
128         </div>
129     </div>
130
131     <div class="row align-items-md-stretch">
132         <div class="col-md-12">
133             <div class="h-100 p-5">
134
135                 <form name="memberForm" action="<?php echo htmlspecialchars($_SERVER
    ["PHP_SELF"]); ?>" method="post">
136                 <div class="mb-3 row">
137                     <label class="col-sm-2">아이디</label>
138                     <div class="col-sm-4">
139                         <input type="hidden" name="id" value="<?php echo $id; ?>">
140                         <input type="text" name="id" class="form-control <?php echo (!empty
    ($id_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $id; ?>" disabled>
141                         <span class="invalid-feedback"><?php echo $id_err; ?></span>
142                     </div>
143                 </div>
144
145                 <div class="mb-3 row">
146                     <label class="col-sm-2">비밀번호</label>

```

```

147         <div class="col-sm-4">
148             <input type="password" name="password" class="form-control <?php
echo (!empty($password_err)) ? 'is-invalid' : ''; ?>">
149             <span class="invalid-feedback"><?php echo $password_err; ?></span>
150         </div>
151     </div>
152
153     <div class="mb-3 row">
154         <label class="col-sm-2">비밀번호 확인</label>
155         <div class="col-sm-4">
156             <input type="password" name="confirm_password" class="form-control
<?php echo (!empty($confirm_password_err)) ? 'is-invalid' : ''; ?>">
157             <span class="invalid-feedback"><?php echo $confirm_password_err;
?></span>
158         </div>
159     </div>
160
161     <div class="mb-3 row">
162         <label class="col-sm-2">이름</label>
163         <div class="col-sm-4">
164             <input type="text" name="name" class="form-control <?php echo
(!empty($name_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $name; ?>">
165             <span class="invalid-feedback"><?php echo $name_err; ?></span>
166         </div>
167     </div>
168
169     <div class="mb-3 row">
170         <label class="col-sm-2">성별</label>
171         <div class="col-sm-5">
172             <input name="gender" type="radio" value="남" <?php if ($gender=="
남") echo "checked"; ?>/> 남
173             <input name="gender" type="radio" value="여" <?php if ($gender=="
여") echo "checked"; ?>/> 여
174         </div>
175     </div>
176

```

```

177     <?php
178     if(empty($birth)){
179         $year = $month = $day = "";
180     }
181     else {
182         $birth = explode("/", $birth);
183         $year = $birth[0];
184         $month = $birth[1];
185         $day = $birth[2];
186     }
187     ?>
188
189     <div class="mb-3 row">
190         <label class="col-sm-2">생일</label>
191         <div class="col-sm-10">
192             <div class="row">
193                 <div class="col-sm-2">
194                     <select name="birthyy" class="form-select">
195                         <option value="">년</option>
196                         <?php
197                             for($i=1940; $i<=2050; $i++)
198                                 if($year==$i) echo "<option value='$i' selected>$i</option>";
199                                 else echo "<option value='$i'>$i</option>";
200                         ?>
201                     </select>
202                 </div>
203
204                 <div class="col-sm-2">
205                     <select name="birthmm" class="form-select">
206                         <option value="">월</option>
207                         <?php
208                             for($i=1; $i<=12; $i++)
209                                 if($month == $i) echo "<option value='$i' selected>$i</option>";
210                                 else echo "<option value='$i'>$i</option>";
211                         ?>
212                     </select>

```

```

213         </div>
214
215         <div class="col-sm-2">
216             <select name="birthdd" class="form-select">
217                 <option value="">일</option>
218                 <?php
219                     for($i =1; $i<=31; $i++)
220                         if($day == $i) echo "<option value='$i' selected>$i</option>";
221                         else echo "<option value='$i'>$i</option>";
222                 ?>
223             </select>
224         </div>
225     </div>
226 </div>
227 </div>
228
229 <?php
230
231 if (empty($mail)){
232     $mail1 = "";
233     $mail2 = 1;
234     $mail2_input = "";
235 }
236 else{
237     $mail = explode("@", $mail);
238
239     $mail1 = $mail[0];
240     $mail2 = $mail[1];
241     if($mail2=="naver.com" || $mail2=="daum.net" || $mail2=="gmail.com" ||
242 $mail2=="nate.com"){
243         $mail2_input = " ";
244     }
245     else
246     {
247         $mail2 = "1";
248         $mail2_input = $mail[1];

```

```

248     }
249 }
250
251 ?>
252
253 <div class="mb-3 row">
254     <label class="col-sm-2">이메일</label>
255     <div class="col-sm-10">
256         <div class="row">
257             <div class="col-sm-4">
258                 <input type="text" name="mail1" class="form-control <?php echo
(!empty($mail_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $mail1; ?>">
259                 <span class="invalid-feedback"><?php echo $mail_err; ?></span>
260             </div>
261             <div class="col-sm-3">
262                 <select name="mail2" class="form-select" onChange="show_mail
(this.value)">
263                     <option <?php if($mail2=="1") echo "selected"; ?> value='1'>직접
입력</option>
264                     <option <?php if($mail2=="naver.com") echo "selected"; ?>>naver.
com</option>
265                     <option <?php if($mail2=="daum.net") echo "selected"; ?>>daum.
net</option>
266                     <option <?php if($mail2=="gmail.com") echo "selected"; ?>>gmail.
com</option>
267                     <option <?php if($mail2=="nate.com") echo "selected"; ?>>nate.
com</option>
268                 </select>
269             </div>
270             <div class="col-sm-3">
271                 <input type="text" name="mail2_input" maxlength="50" class="form
-control" <?php if($mail2=="1" ) echo "style='visibility:visible'"; else echo
"style='visibility:hidden'";?> value="<?php echo $mail2_input;?>">
272             </div>
273         </div>
274     </div>

```

```

275     </div>
276
277     <div class="mb-3 row">
278         <label class="col-sm-2">전화번호</label>
279         <div class="col-sm-4">
280             <input type="text" name="phone" class="form-control" value="<?php
echo $phone;?>">
281         </div>
282     </div>
283
284     <div class="mb-3 row">
285         <label class="col-sm-2">주소</label>
286         <div class="col-sm-5">
287             <input type="text" name="address" class="form-control" value="<?php
echo $address;?>">
288         </div>
289     </div>
290
291     <div class="mb-3 row">
292         <div class="col-sm-offset-2 col-sm-10 ">
293             <input type="submit" class="btn btn-primary" value="회원 수정">
294             <a href="#" onClick=deleteConfirm() class="btn btn-danger">회원
탈퇴</a>
295         </div>
296     </div>
297 </form>
298 </div>
299 </div>
300 </div>
301 </div>
302 </main>
303 <?php
304 require "../footer.php";
305 ?>
306 </body>
307 </html>

```

5 회원 삭제 페이지 만들기: 'deleteMember.php' 파일을 생성하고 다음과 같이 작성합니다.

BookMarket/member/deleteMember.php

```
01  <?php
02  require "../dbconn.php";
03
04      session_start();
05      $sessionID = $_SESSION["id"];
06
07      $sql = "DELETE FROM member WHERE id = '$sessionID'";
08
09      $result = mysqli_query($conn, $sql);
10
11      mysqli_close($conn);
12      session_unset();
13      Header("Location:resultMember.php?msg=3");
14  ?>
```

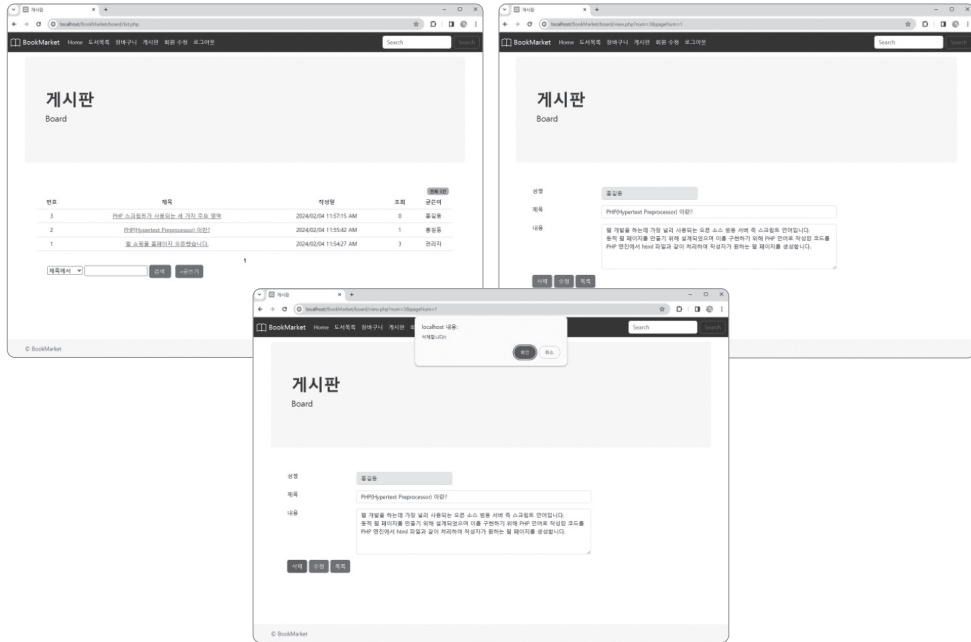


그림 15-4 완성된 게시판 페이지

예제 15-4 웹 쇼핑몰의 데이터베이스에 게시판 관리 테이블 만들기

1 게시판 관리 테이블 생성하기: [BookMarket] 폴더에 [board] 폴더를 만들어 'createTable.php' 파일을 생성하고 다음과 같이 작성합니다.

BookMarket/board/createTable.php

```

01 <?php
02     $host = 'localhost';
03     $user = 'admin';
04     $pass = 'admin1234';
05     $conn = new mysqli($host, $user, $pass, "BookMarketDB");
06

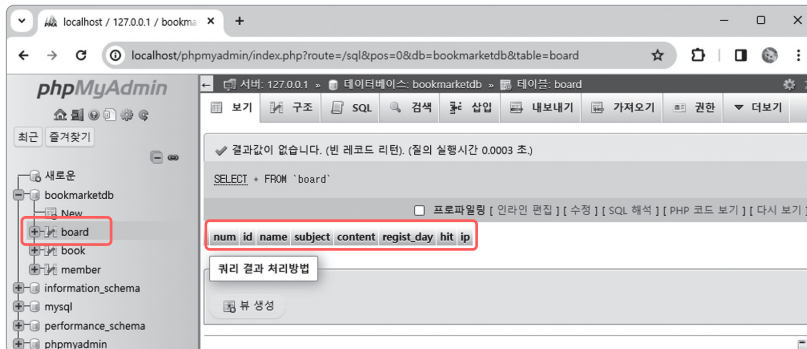
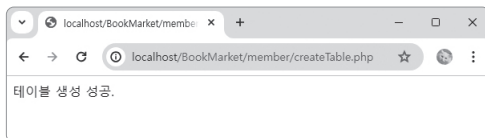
```

```

07     if(! $conn){
08         die('데이터베이스 연결이 실패 : ' . $conn-> connect_error);
09     }
10
11     $sql = "CREATE TABLE board(
12         num int not null auto_increment PRIMARY KEY,
13         id varchar(10) not null,
14         name varchar(10) not null,
15         subject varchar(100) not null,
16         content text not null,
17         regist_day varchar(30),
18         hit int,
19         ip varchar(20),
20     )";
21
22     if($conn->query($sql)){
23         echo "테이블 생성 성공.";
24     } else{
25         echo "테이블 생성 실패. $sql. " . $conn->error;
26     }
27     $conn -> close();
28     ?>

```

▼ 실행결과



예제 15-5 게시판 목록/등록/조회/수정/삭제 페이지 만들기

1 메뉴 페이지 수정하기: 'menu.php' 파일에 다음과 같이 추가 작성합니다.

BookMarket/menu.php

```
01 <?php
02 session_start();
03 ?>
04 ...
05     <a class="nav-link active" aria-current="page" href="/BookMarket/cart.
      php">장바구니</a>
06     </li>
07     <li class="nav-item">
08         <a class="nav-link active" aria-current="page" href="/BookMarket/
      board/list.php">게시판</a>
09     </li>
10     <?php
11     if(isset($_SESSION["loggedin"]) && $_SESSION["loggedin"] === true){
12         ?>
13         <li class="nav-item">
14             <a class="nav-link active" aria-current="page" href="/BookMarket/
      member/updateMember.php">회원 수정</a>
15         </li>
16         ...
```

2 게시판 등록글 목록 페이지 만들기: [BookMarket/board] 폴더에 'list.php' 파일을 생성하고 다음과 같이 작성합니다.

BookMarket/board/list.php

```
01 <!doctype html>
02 <html class="h-100">
03 <title>게시판</title>
04 <head>
05     <link href="../../resources/css/bootstrap.min.css" rel="stylesheet">
06 </head>
07 <body class="d-flex flex-column h-100">
```

```

08  <?php
09      require "../menu.php";
10      require "../dbconn.php";
11
12      if(isset($_SESSION["loggedin"]))
13          $sessionID = $_SESSION["id"] ;
14      else $sessionID = "";
15
16      if(isset($_GET["pageNum"]))
17          $pageNum = $_GET['pageNum'];
18      else $pageNum =1;
19      $scale = 10;           //보이는 행의 수
20      $start = ($pageNum-1)*$scale;
21
22      if(isset($_POST["find"]))
23          $find = $_POST["find"];
24      else $find = "";
25
26      if(isset($_POST["search"]))
27          $search = $_POST["search"];
28      else $search = "";
29
30      if ($find==null && $search==null)
31          $sql = "select * from board ORDER BY num DESC";
32      else $sql = "SELECT * FROM board where ". $find." like '%".$search.%' ORDER
        BY num DESC";
33      $result = $conn->query($sql);
34      $total_record = $result->num_rows;
35
36      if($total_record % $scale==0){
37          $total_page =floor($total_record/$scale);
38      }
39      else{
40          $total_page = floor($total_record/$scale) + 1;
41      }
42      ?>
43

```

```

44 <script type="text/javascript">
45     function checkLogin(){
46         <?php
47             echo "var id = '$sessionID'";
48         ?>
49
50         if(id.trim()==""){
51             alert("로그인해주세요.");
52             return false;
53         }
54         location.href = "./insert.php";
55     }
56 </script>
57
58 <br>
59 <main>
60 <div class="container py-5">
61     <div class="p-5 mb-4 bg-body-tertiary rounded-3">
62         <div class="container-fluid py-5">
63             <h1 class="display-5 fw-bold">게시판</h1>
64             <p class="col-md-8 fs-4">Board</p>
65         </div>
66     </div>
67
68     <div class="row align-items-md-stretch text-center">
69         <div class="col-md-12">
70             <div class="h-100 p-5">
71                 <form name="newBoard" action="list.php" method="post" >
72                     <div align="right">
73                         <span class="badge text-bg-info">전체 <?php echo $total_record."<?>건";
74                     </div>
75
76                     <div class="mb-3 row">
77                         <table class="table table-hover">
78                             <tr>
79                                 <th>번호</th>

```

```

80         <th>제목</th>
81         <th>작성일</th>
82         <th>조회</th>
83         <th>글쓴이</th>
84     </tr>
85     <?php
86         //표시할 페이지($page)에 따라 $start 계산
87         $start = ($pageNum-1) * $scale;
88         $number = $total_record - $start;
89         //상품리스트 하나씩 출력하기
90         for($i=$start; $i<$start+$scale && $i < $total_record; $i++){
91             $result->data_seek($i);
92             $row = $result->fetch_array();
93             ?>
94             <tr>
95                 <td><?=$number ?></td>
96                 <td><a href="./view.php?num=<?=$row["num"]?>&pageNum=<?=$pageNum
?>"><?=$row["subject"]?></a></td>
97                 <td><?=$row["regist_day"]?></td>
98                 <td><?=$row["hit"]?></td>
99                 <td><?=$row["name"]?></td>
100             </tr>
101             <?php
102                 $number--;
103             }
104             ?>
105         </table>
106
107         <div align="center">
108             <?php
109                 if($total_page>=2 && $pageNum>=2)
110                 {
111                     $new_page = $pageNum-1;
112                     echo " <a href='list.php?pageNum=$new_page'>◀ 이전</a> ";
113                 }
114
115             else

```

```

116     echo " &nbsp; ";
117     for($i=1; $i<=$total_page; $i++){
118         if($pageNum==$i){
119             echo " <b>$i</b> ";
120         } else{
121             echo "<a href='list.php?pageNum=$i'>$i</a>";
122         }
123     }
124     if($total_page>=2 && $pageNum!=$total_page){
125         $new_page = $pageNum + 1;
126         echo "<a href='list.php?pageNum=$new_page'>다음 ▶</a>";
127     } else
128         echo " &nbsp; ";
129     ?>
130 </div>
131
132 <div align="left">
133     <table>
134         <tr>
135             <td width="80%" align="left">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~
136                 <select name="find" class="txt">
137                     <option value="subject">제목에서</option>
138                     <option value="content">본문에서</option>
139                     <option value="name">글쓴이에서</option>
140                 </select> <input name="search" type="text" /> <input type=
"submit" id="btnAdd" class="btn btn-primary " value="검색" />
141                 </td>
142                 <td width="20%" align="right">
143                     <a href="#" onClick=checkLogin() class="btn btn-primary">
&laquo;글쓰기</a>
144                 </td>
145             </tr>
146         </table>
147     </div>
148 </div>
149 </form>
150 </div>
```

```

151     </div>
152 </div>
153 </div>
154 </main>
155 <?php
156     require "../footer.php";
157 ?>
158 </body>
159 </html>

```

3 게시판 글 등록 페이지 만들기: 'insert.php' 파일을 생성하고 다음과 같이 작성합니다.

BookMarket/board/insert.php

```

01 <?php
02     require_once "../dbconn.php";
03
04     $subject = $content = "";
05     $subject_err = $content_err = "";
06
07     if($_SERVER["REQUEST_METHOD"]=="POST"){
08         $id = trim($_POST["id"]);
09         $name = trim($_POST["name"]);
10
11         if(empty(trim($_POST["subject"]))) {
12             $subject_err = "제목을 입력하세요.";
13         } else {
14             $subject = trim($_POST["subject"]);
15         }
16
17         if(empty(trim($_POST["content"]))) {
18             $content_err = "내용을 입력하세요.";
19         } else {
20             $content = trim($_POST["content"]);
21         }
22
23         if(empty($subject_err) && empty($content_err)){

```

```

24     $sql = "INSERT INTO board(id, name, subject, content, regist_day, hit, ip)
        VALUES(?, ?,?,?, ?,?,?)";
25
26     if($stmt = $conn->prepare( $sql)){
27         $stmt -> bind_param("sssssis", $param_id, $param_name, $param_subject,
        $param_content, $param_regist_day, $param_hit, $param_ip);
28         $param_id = $id;
29         $param_name = $name;
30         $param_subject = $subject;
31         $param_content = $content;
32
33         date_default_timezone_set("Asia/Seoul");
34         $param_regist_day = date("Y/m/d H:i:s A");
35         $param_hit = 0;
36         $param_ip = $_SERVER['REMOTE_ADDR'];
37         if($stmt->execute()){
38             header("location: ../list.php");
39         } else{
40             echo "나중에 다시 시도해주시시오.";
41         }
42         $stmt->close();
43     }
44 }
45 }
46 ?>
47
48 <!doctype html>
49 <html class="h-100">
50 <title>게시판</title>
51 <head>
52     <link href="../resources/css/bootstrap.min.css" rel="stylesheet">
53 </head>
54 <body class="d-flex flex-column h-100">
55 <?php
56 require "../menu.php";
57
58     if(isset($_SESSION["loggedin"]))

```

```

59     $sessionID = $_SESSION["id"];
60     else $sessionID = "";
61
62     $sql = "SELECT * FROM member where id = '$sessionID'";
63
64     $result = $conn->query($sql);
65     if($result->num_rows>=0)
66         $row = $result->fetch_array();
67     ?>
68
69     <br>
70     <main>
71     <div class="container py-5">
72         <div class="p-5 mb-4 bg-body-tertiary rounded-3">
73             <div class="container-fluid py-5">
74                 <h1 class="display-5 fw-bold">게시판</h1>
75                 <p class="col-md-8 fs-4">Board</p>
76             </div>
77         </div>
78
79         <div class="row align-items-md-stretch text-center">
80             <div class="d-flex justify-content-center">
81                 <div class="col-md-12">
82                     <div class="h-100 p-5">
83                         <form name="newMember" action="<?php echo htmlspecialchars($_SERVER
["PHP_SELF"]); ?>" method = "post">
84                             <input name="id" type="hidden" class="form-control" value=
"<?=$sessionID ?>">
85                             <input name="name" type="hidden" class="form-control" value=
"<?=$row['name']?>">
86
87                             <div class="mb-3 row">
88                                 <label class="col-sm-2">성명</label>
89                                 <div class="col-sm-3">
90                                     <input type="text" name="name" value="<?=$row['name']?>"
disabled class="form-control">
91                                 </div>

```

```

92         </div>
93
94         <div class="mb-3 row">
95             <label class="col-sm-2">제목</label>
96             <div class="col-sm-7">
97                 <input type="text" name="subject" class="form-control <?php echo
(!empty($subject_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $subject; ?>"
98                 <span class="invalid-feedback"><?php echo $subject_err; ?></span>
99             </div>
100         </div>
101
102         <div class="mb-3 row">
103             <label class="col-sm-2">내용</label>
104             <div class="col-sm-7">
105                 <textarea name="content" cols="50" rows="5" class="form-control
<?php echo (!empty($content_err)) ? 'is-invalid' : ''; ?>" value="<?php echo
$content; ?>"></textarea>
106                 <span class="invalid-feedback"><?php echo $content_err; ?></span>
107             </div>
108         </div>
109
110         <div class="mb-3 row">
111             <div class="col-sm-offset-2 col-sm-10">
112                 <input type="submit" class="btn btn-primary" value="등록">
113                 <input type="reset" class="btn btn-primary " value="취소">
114             </div>
115         </div>
116     </form>
117 </div>
118 </div>
119 </div>
120 </div>
121 </div>
122 </main>
123 <?php
124 require "../footer.php";
125 mysqli_close($conn);

```

```

126 ?>
127 </body>
128 </html>

```

4 게시판 등록글 확인 페이지 만들기: 'view.php' 파일을 생성하고 다음과 같이 작성합니다

BookMarket/board/view.php

```

01 <!doctype html>
02 <html class="h-100">
03 <title>게시판</title>
04 <head>
05   <link href="../../resources/css/bootstrap.min.css" rel="stylesheet">
06   <script type="text/javascript">
07     function deleteConfirm(num){
08       if(confirm("삭제합니다!!")==true)
09         location.href = "../delete.php?num="+num;
10     else
11       return;
12   }
13 </script>
14 </head>
15
16 <body class="d-flex flex-column h-100">
17 <?php
18 require "../menu.php";
19 require "../dbconn.php";
20
21 if(isset($_SESSION["loggedin"]))
22   $sessionID = $_SESSION["id"];
23 else $sessionID = "";
24
25 $num = $_GET["num"];
26 $pageNum = $_GET["pageNum"];
27
28 $sql = "SELECT * FROM board where num = $num";
29

```

```

30     $result = $conn -> query($sql);
31     $row = $result -> fetch_array();
32
33     $userId = $row["id"];
34     $new_hit = $row["hit"] + 1;
35     $sql = "update board set hit=$new_hit where num=$num";
36     $conn -> query( $sql);
37     ?>
38
39     <br>
40     <main>
41     <div class="container py-5">
42         <div class="p-5 mb-4 bg-body-tertiary rounded-3">
43             <div class="container-fluid py-5">
44                 <h1 class="display-5 fw-bold">게시판</h1>
45                 <p class="col-md-8 fs-4">Board</p>
46             </div>
47         </div>
48
49         <div class="row align-items-md-stretch">
50             <div class="col-md-12">
51                 <div class="h-100 p-5">
52                     <form name="newUpdate" action="./update.php" method ="post">
53                         <input name="pageNum" type="hidden" class="form-control" value=
54                             "<?=$pageNum ?>">
55                         <div class="mb-3 row">
56                             <label class="col-sm-2">성명</label>
57                             <div class="col-sm-3">
58                                 <input type="text" value="<?=$row['name']?>" disabled class="form-
59                                     control">
60                             </div>
61                         </div>
62
63                         <div class="mb-3 row">
64                             <label class="col-sm-2">제목</label>
65                             <div class="col-sm-7">

```

```

65         <input type="text" name="subject" value="<?=$row['subject']?>"
class="form-control" >
66     </div>
67 </div>
68
69     <div class="mb-3 row">
70         <label class="col-sm-2">내용</label>
71         <div class="col-sm-7">
72             <textarea name="content" cols="50" rows="5" class="form-control" >
<?=$row['content']?></textarea>
73         </div>
74     </div>
75
76     <div class="mb-3 row">
77         <div class="col-sm-offset-2 col-sm-10 ">
78             <?php
79                 if($sessionID==$userId){
80                     ?>
81                     <a href="#" onClick=deleteConfirm('<?=$num?>') class="btn btn-
danger">삭제</a>
82                     <input type="submit" class="btn btn-success" value="수정">
83                     <?php
84                         }
85                     ?>
86                     <a href="./list.php?pageNum=<?=$pageNum?>" class="btn btn-
primary"> 목록</a>
87                 </div>
88             </div>
89         </form>
90     </div>
91 </div>
92 </div>
93 </div>
94 </main>
95 <?php
96     require "../footer.php";
97     ?>

```

```

98 </body>
99 </html>

```

5 게시판 등록글 수정 페이지 만들기: 'update.php' 파일을 생성하고 다음과 같이 작성합니다.

BookMarket/board/update.php

```

01 <?php
02 require "../dbconn.php";
03
04     $pageNum = trim($_POST["pageNum"]);
05     $num = trim($_POST["num"]);
06     $id = trim($_POST["id"]);
07     $subject = trim($_POST["subject"]);
08     $content = trim($_POST["content"]);
09
10     $regist_day = date("Y/m/d h:i:s");
11     $ip = $_SERVER['REMOTE_ADDR'];
12
13     $sql = "UPDATE board SET subject='$subject', content='$content', regist_
14         day='$regist_day', ip='$ip' WHERE num=$num";
15
16     if($conn->query($sql))
17         Header("Location:list.php?pageNum=$pageNum");
18
19     $conn->close();
20 ?>

```

6 게시판 등록글 삭제 페이지 만들기: 'delete.php' 파일을 생성하고 다음과 같이 작성합니다.

BookMarket/board/delete.php

```

01 <?php
02 require "../dbconn.php";
03
04     $num = trim($_GET["num"]);
05

```

```
06      $sql = "DELETE FROM board WHERE num = $num";
07
08      if($conn->query($sql))
09          Header("Location:list.php");
10      $conn -> close();
11      ?>
```