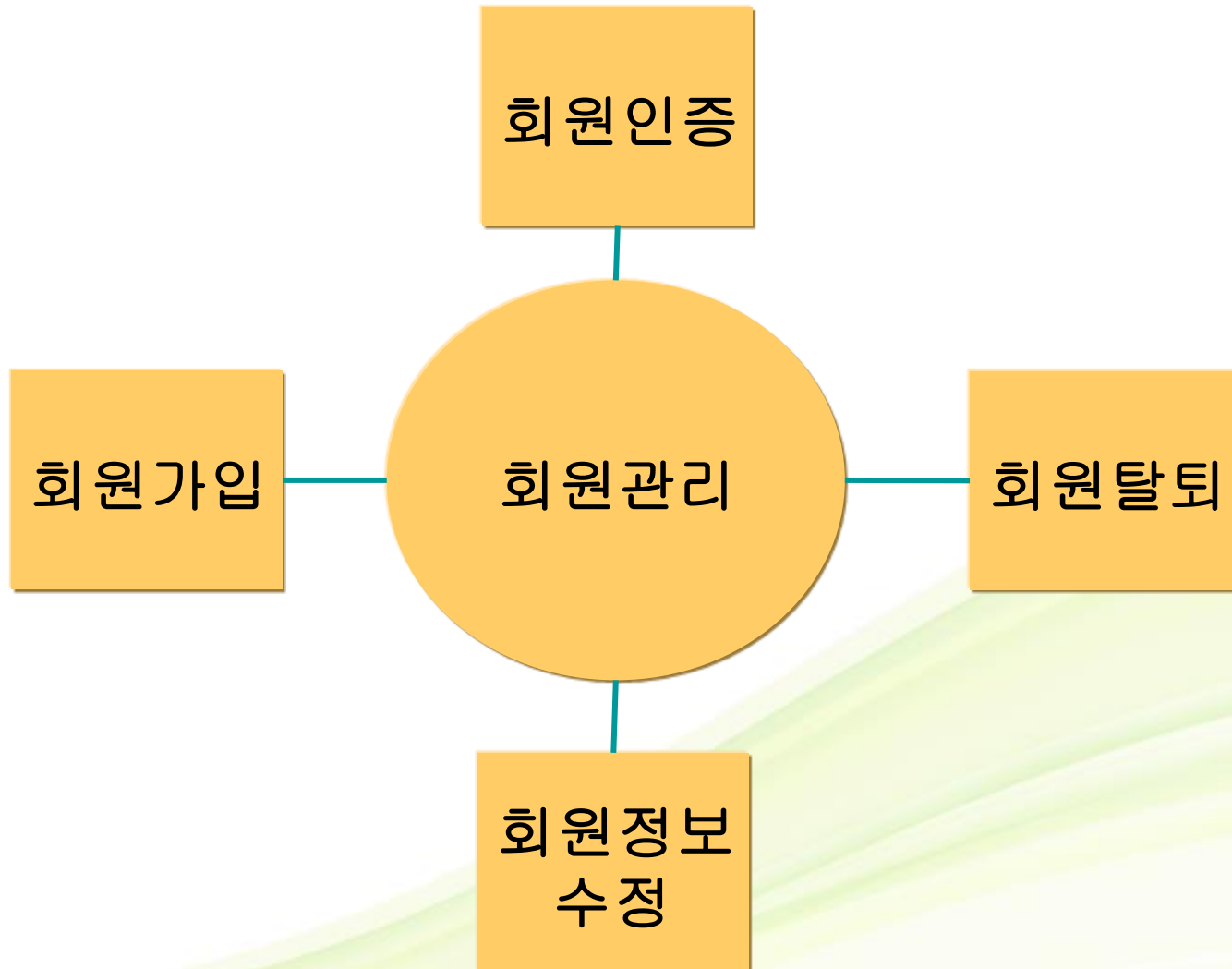


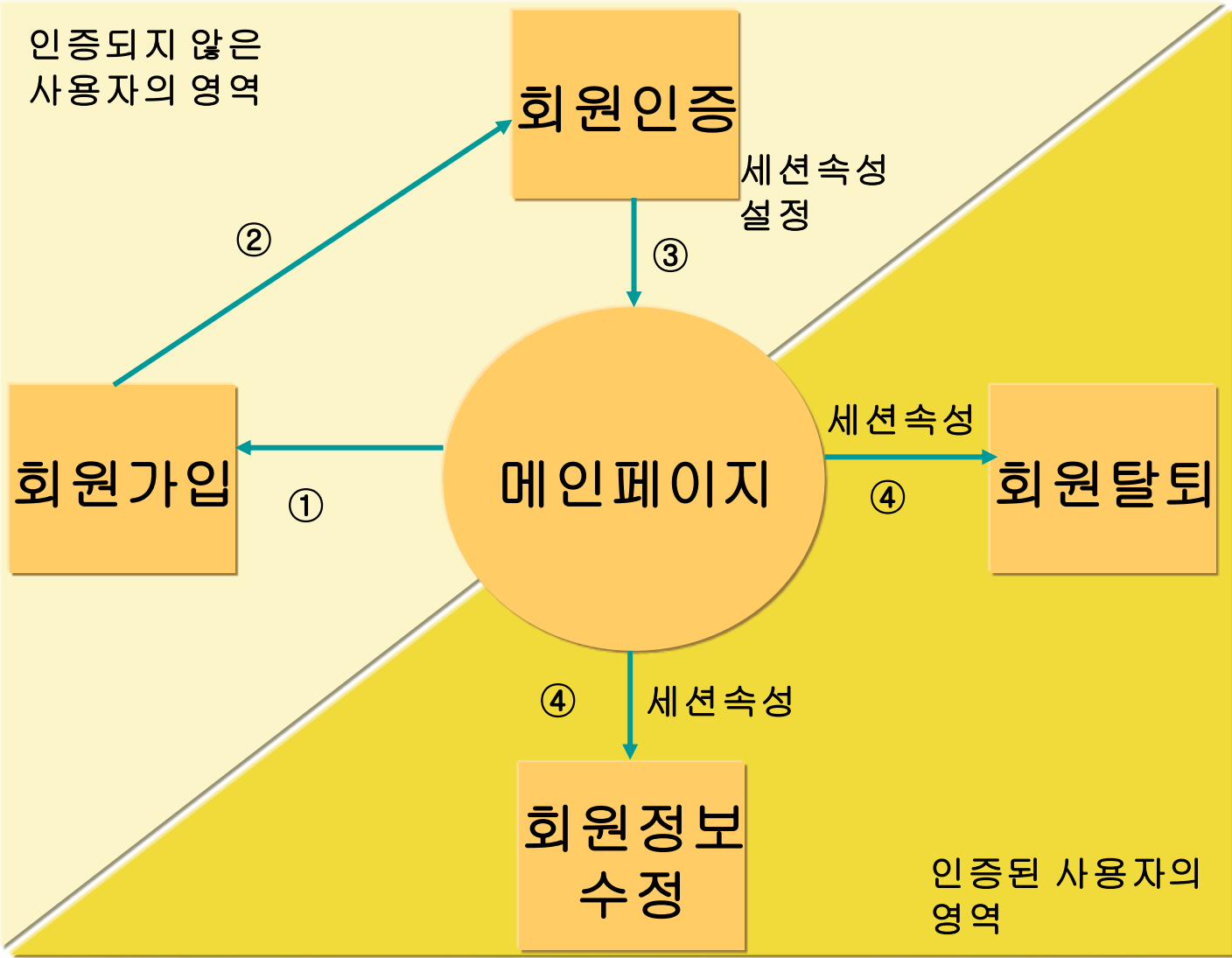
모델 1 회원관리시스템

강사 : 강병준

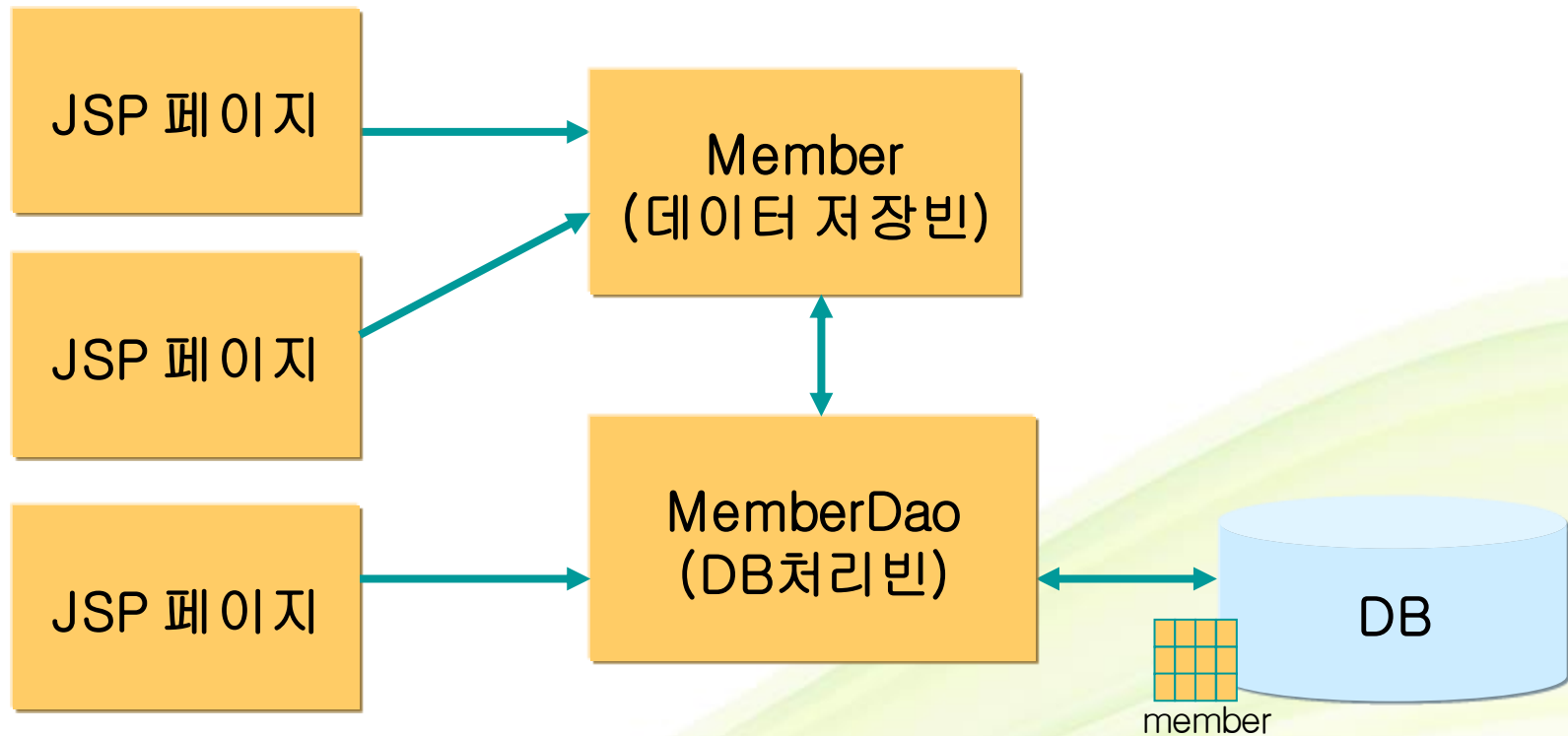
회원관리시스템의 전체 개괄구조



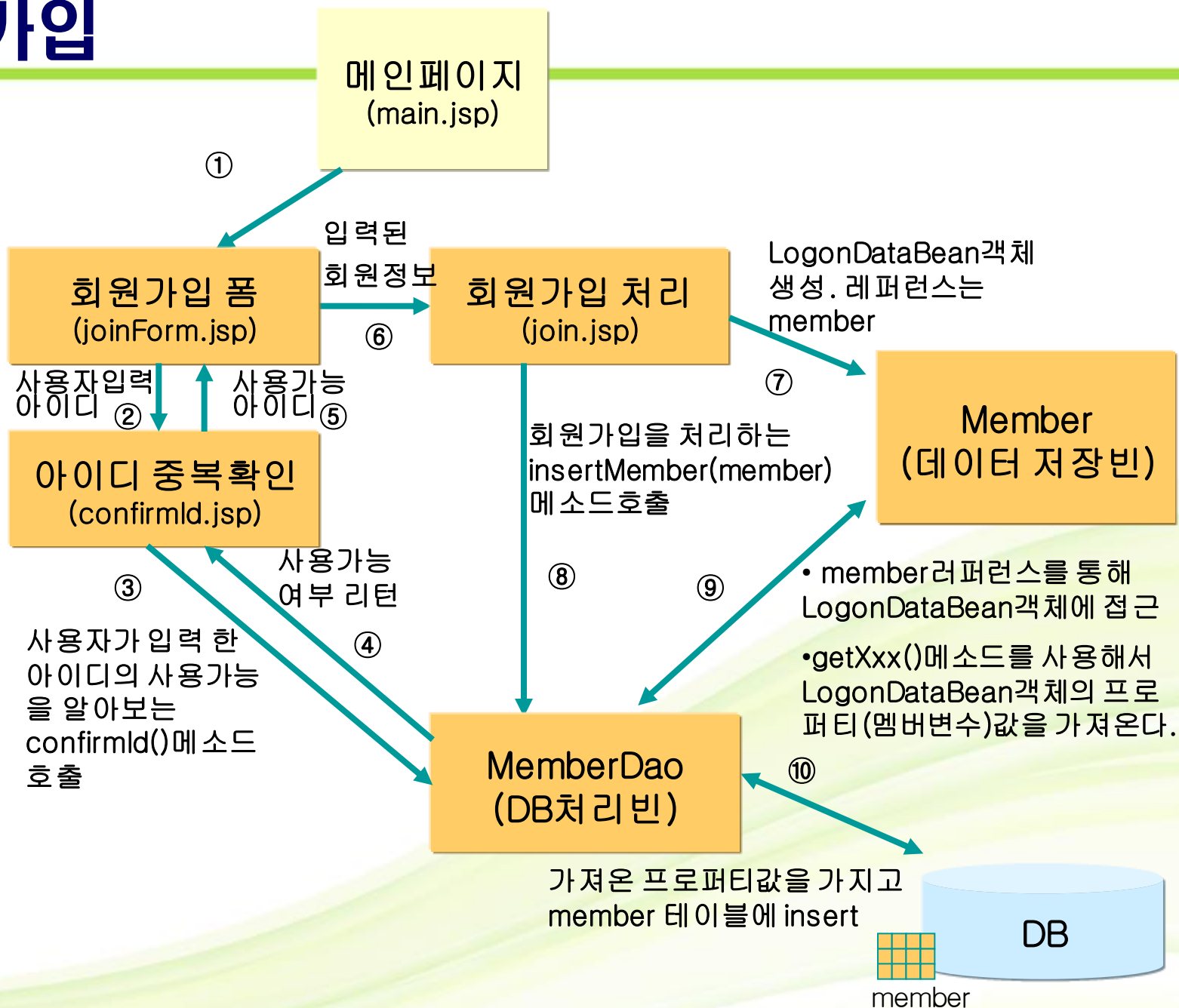
회원관리시스템의 사용자 영역별 구조



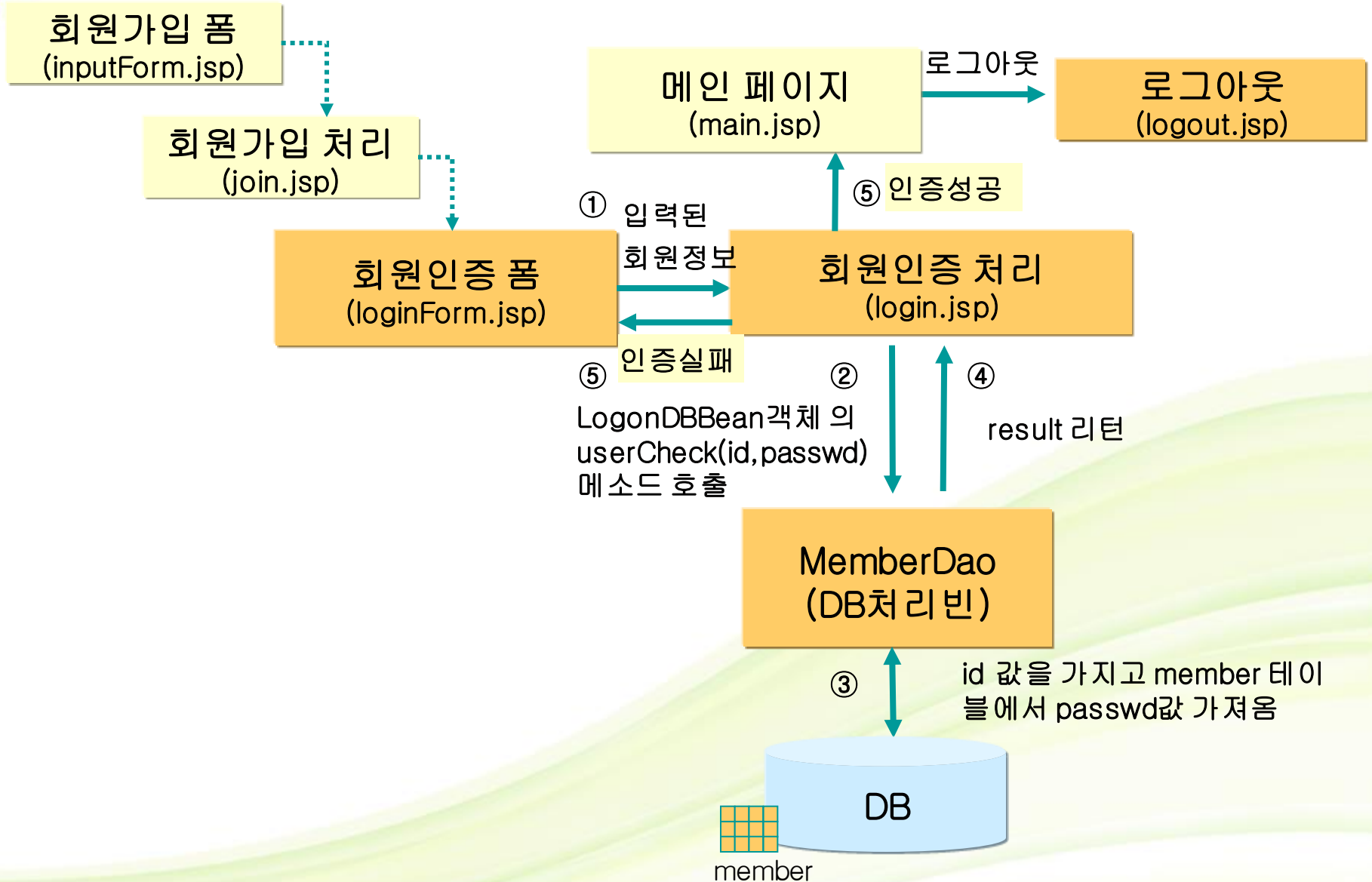
JSP페이지와 자바빈 그리고 DB와의 관계



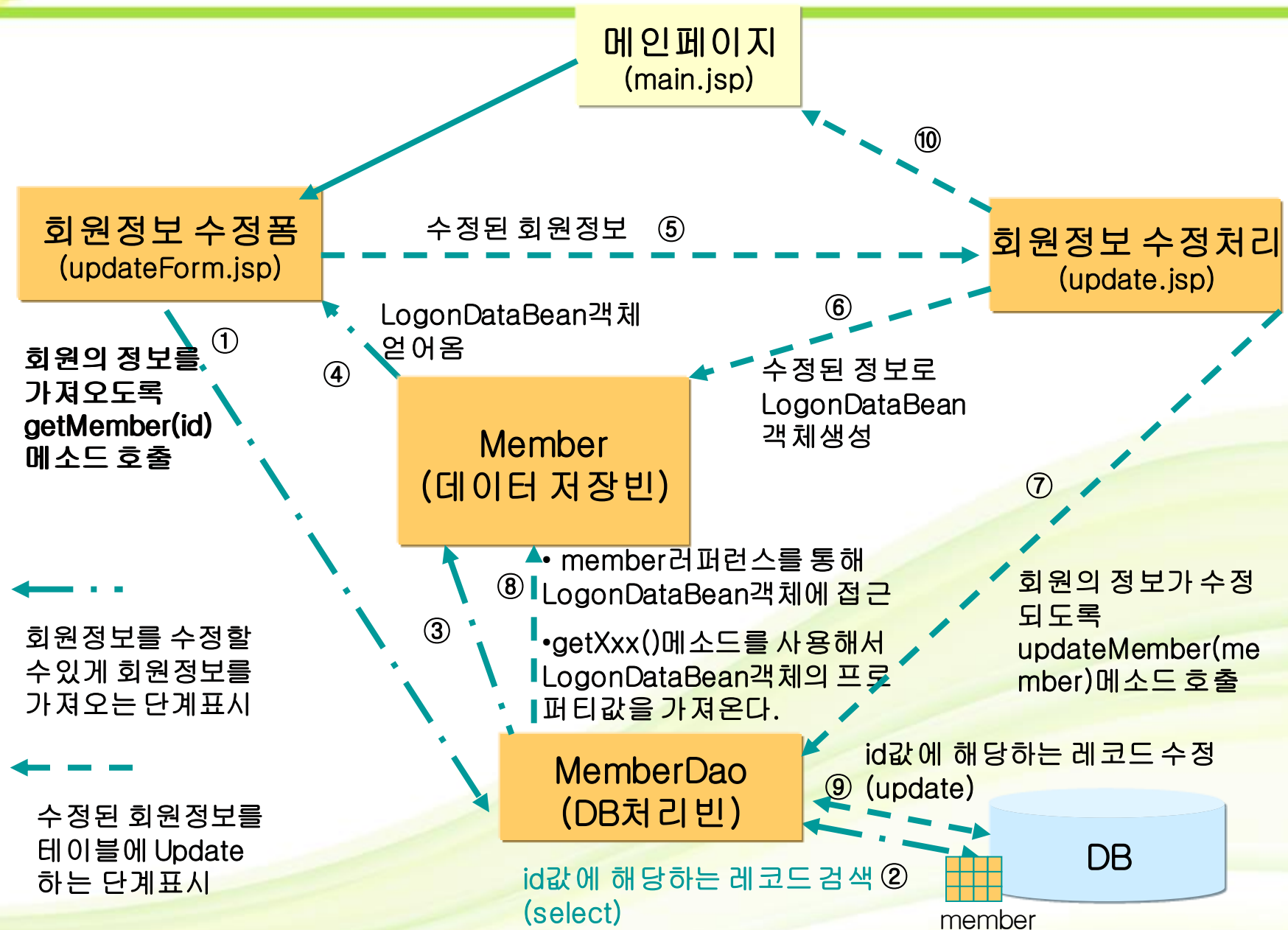
회원가입



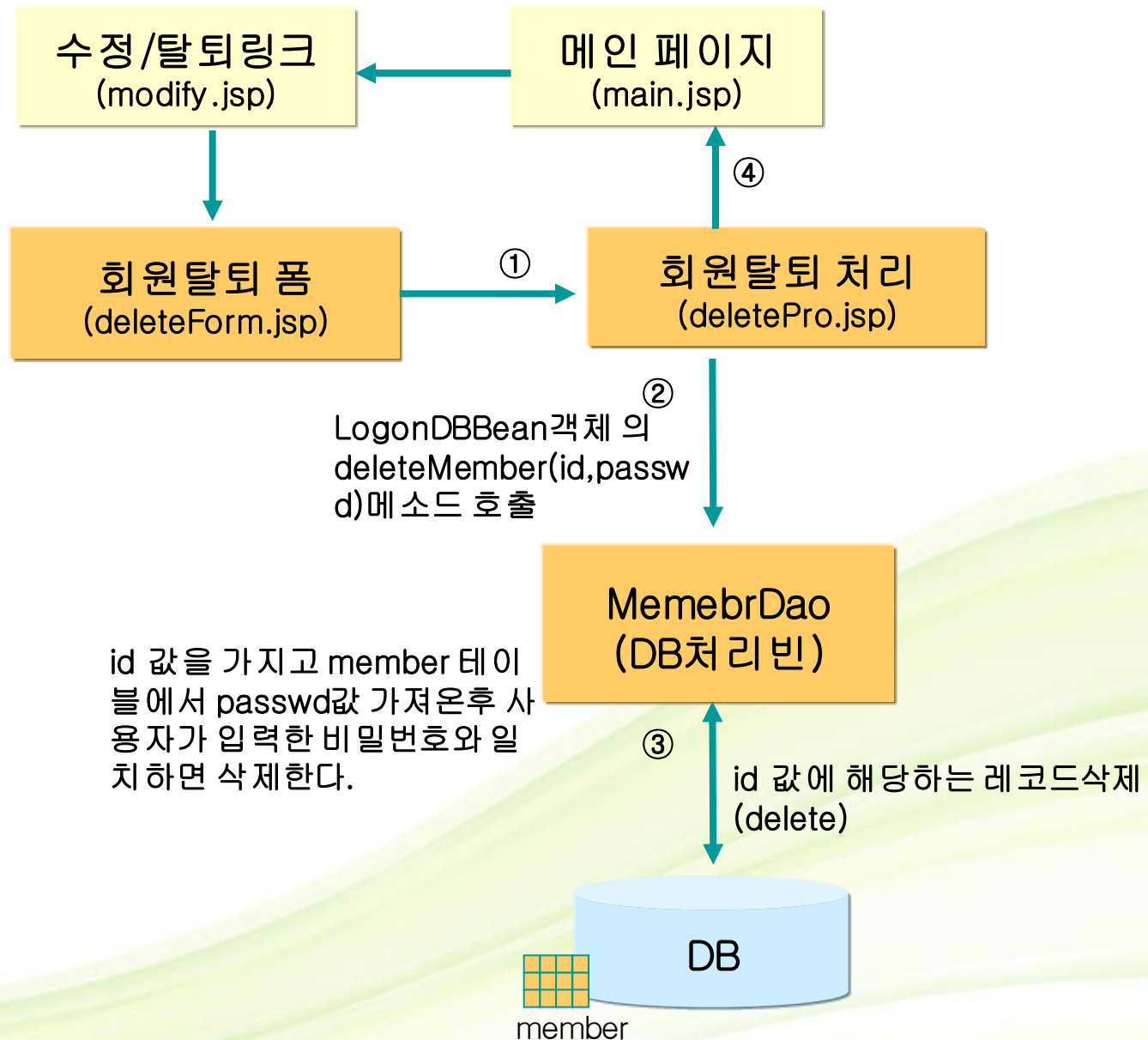
회원인증



회원정보 수정



회원탈퇴



sql

```
create table member(  
  id varchar2(12) primary key,  
  password varchar2(12) not null,  
  name varchar2(20) not null,  
  address varchar2(50),  
  tel varchar2(20) not null,  
  reg_date date  
);
```

context.xml

<Context>

```
<Resource name="jdbc/OracleDB"          auth="Container"
  type="javax.sql.DataSource"
  username="scott"          password="tiger"
  driverClassName="oracle.jdbc.driver.OracleDriver"
  factory="org.apache.tomcat.dbcp.dbcp.BasicDataSourceFactory"
  url="jdbc:oracle:thin:@127.0.0.1:1521:ORCL"
  maxActive="500"
  maxIdle="100"/>
```

```
<Resource name="jdbc/MysqlDB"          auth="Container"
  type="javax.sql.DataSource"
  username="root"          password="mysql"
  driverClassName="com.mysql.jdbc.Driver"
  factory="org.apache.tomcat.dbcp.dbcp.BasicDataSourceFactory"
  url="jdbc:mysql://localhost:3306/test"
  maxActive="500"
  maxIdle="100"/>
```

</Context>

```
package ch12;
import java.sql.Date;
public class Member2 {
    private String id;                private String passwd;
    private String name;            private String phone;
    private String addr;            private String email;
    private Date reg_date;
    public String getId() { return id; }
    public void setId(String id) { this.id = id; }
    public String getPasswd() { return passwd; }
    public void setPasswd(String passwd) { this.passwd = passwd; }
    public String getName() { return name; }
    public void setName(String name) { this.name = name; }
    public String getPhone() { return phone; }
    public void setPhone(String phone) { this.phone = phone; }
    public String getAddr() { return addr; }
    public void setAddr(String addr) { this.addr = addr; }
    public String getEmail() { return email; }
    public void setEmail(String email) { this.email = email; }
    public Date getReg_date() { return reg_date; }
    public void setReg_date(Date reg_date) {
        this.reg_date = reg_date;
    }
}
```

```
package ch12;
import java.sql.*;    import java.util.ArrayList;
import javax.sql.*;  import javax.naming.*;
public class MemberDbBean {
    private static MemberDbBean instance;
    public static MemberDbBean getInstance() {
        if (instance == null) {            instance = new MemberDbBean();    }
        return instance;
    }
    private MemberDbBean() { }
    public Connection getConnection() throws Exception {
        Context cont = new InitialContext();
        DataSource ds =
            (DataSource)cont.lookup("java:comp/env/jdbc/OracleDB");
        Connection conn = ds.getConnection();
        return conn;
    }
    public int insertMember(Member2 member) throws Exception {
        Connection conn = null;  PreparedStatement pstmt = null;
        int result = 0;
        try { conn = getConnection();
            String sql="insert into member2 values(?,?,?,?,?,?,sysdate)";
            pstmt = conn.prepareStatement(sql);
            pstmt.setString(1, member.getId());
```

```

        pstmt.setString(2, member.getPasswd());
        pstmt.setString(3, member.getName());
        pstmt.setString(4, member.getPhone());
        pstmt.setString(5, member.getAddr());
        pstmt.setString(6, member.getEmail());
        result = pstmt.executeUpdate();
    } catch (Exception e) { System.out.println(e.getMessage()); }
    pstmt.close();    conn.close();
    return result;
}

public int userCheck(String id, String pass) throws Exception {
    int x = -1; Connection conn = null; Statement stmt = null;
    ResultSet rs = null;
    try{ conn = getConnection();
        String sql = String.format(
            "select passwd from member2 where id='%s'", id);
        stmt = conn.createStatement();
        rs = stmt.executeQuery(sql);
        if (rs.next()) {    String passwd = rs.getString(1);
            if (passwd.equals(pass)) x = 1; // id,passwd일치
            else x = 0; // id는 맞지만 passwd틀림
        } else    x = -1; // 없는 id
    } catch (Exception e) { System.out.println(e.getMessage()); }
    rs.close(); stmt.close();    conn.close();
    return x;
}

```

```
public int confirmId(String id) throws Exception {  
    int x = 0; Connection conn = null; Statement stmt = null;  
    ResultSet rs = null;  
    try{ conn = getConnection();  
        String sql = String.format(  
            "select id from member2 where id='%s'", id);  
        stmt = conn.createStatement();  
        rs = stmt.executeQuery(sql);  
        if (rs.next()) x = 1; // 이미 있는 id임  
        else x = 0; // 사용할 수 있는 id  
    }catch(Exception e) { System.out.println(e.getMessage()); }  
    rs.close(); stmt.close(); conn.close();  
    return x;  
}
```

```
public Member2 getMember(String id) throws Exception {
    Connection conn = null; Statement stmt = null;
    ResultSet rs = null; Member2 member = null;
    try{ conn = getConnection();
        String sql = String.format(
            "select * from member2 where id='%s'", id);
        stmt = conn.createStatement();
        rs = stmt.executeQuery(sql);
        if (rs.next()) {
            member = new Member2();
            member.setId(rs.getString("id")); // =1
            member.setPasswd(rs.getString(2));
            member.setName(rs.getString(3));
            member.setPhone(rs.getString(4));
            member.setAddr(rs.getString(5));
            member.setEmail(rs.getString(6));
            member.setReg_date(rs.getDate(7));
        }
    }catch(Exception e) { System.out.println(e.getMessage()); }
    rs.close(); stmt.close(); conn.close();
    return member;
}
```



```
public ArrayList<Member2> showMembers() throws Exception {  
    Connection conn = null; Statement stmt = null;  
    ResultSet rs = null;    ArrayList<Member2> al = null;  
    try{  
        conn = getConnection();  
        al = new ArrayList<Member2>();  
        String sql = "select * from member2";  
        stmt = conn.createStatement();  
        rs = stmt.executeQuery(sql);  
        while(rs.next()) {  
            Member2 member = new Member2();  
            member.setId(rs.getString(1));  
            member.setPasswd(rs.getString(2));  
            member.setName(rs.getString(3));  
            member.setPhone(rs.getString(4));  
            member.setAddr(rs.getString(5));  
            member.setEmail(rs.getString(6));  
            member.setReg_date(rs.getDate(7));  
            al.add(member);  
        }  
    }catch(Exception e) { System.out.println(e.getMessage()); }  
    rs.close(); stmt.close();    conn.close();  
    return al;  
}
```



```
public int updateMember(Member2 member) throws Exception {
    Connection conn = null;
    PreparedStatement pstmt = null;
    int result = 0;
    try {
        conn = getConnection();
        String sql="update member2 set passwd=?,name=?,phone=?, "
            + "addr=?, email=?, reg_date=sysdate where id=?";

        pstmt = conn.prepareStatement(sql);
        pstmt.setString(1, member.getPasswd());
        pstmt.setString(2, member.getName());
        pstmt.setString(3, member.getPhone());
        pstmt.setString(4, member.getAddr());
        pstmt.setString(5, member.getEmail());
        pstmt.setString(6, member.getId());
        result = pstmt.executeUpdate();
    }catch(Exception e) { System.out.println(e.getMessage()); }
    pstmt.close();    conn.close();
    return result;
}
```

```
public int deleteMember(String id, String pass) throws Exception {  
    Connection conn = null; PreparedStatement pstmt = null;  
    int x = 0;                ResultSet rs = null;  
    try { conn = getConnection();  
        String sql1 = "select passwd from member2 where id = ?";  
        String sql2 = "delete from member2 where id = ?";  
        pstmt = conn.prepareStatement(sql1);  
        pstmt.setString(1, id);  
        rs = pstmt.executeQuery();  
        if (rs.next()) {  
            String passwd = rs.getString(1);  
            if (passwd.equals(pass)) {  
                pstmt = conn.prepareStatement(sql2);  
                pstmt.setString(1, id);  
                x = pstmt.executeUpdate();  
            } else x = 0;  
        } else x = -1;  
    } catch (Exception e) { System.out.println(e.getMessage()); }  
    rs.close(); pstmt.close(); conn.close();  
    return x;  
}  
}
```

```
<%@ page language="java" contentType="text/html; charset=EUC-KR"
    pageEncoding="EUC-KR"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html><head><meta http-equiv="Content-Type" content="text/html;
charset=EUC-KR"><title>Insert title here</title></head>
<body>
<%
    String id = (String)session.getAttribute("id");
    if (id == "" || id == null) {
        response.sendRedirect("loginForm.jsp");
    }
%>
<h2><%=id %>님 격하게 환영합니다</h2>
<input type="button" value="로그아웃"
    onclick="location.href='logout.jsp'"><p>
<input type="button" value="수정"
    onclick="location.href='updateForm.jsp'"><p>
<input type="button" value="탈퇴"
    onclick="location.href='deleteForm.jsp'"><p>
<input type="button" value="회원리스트"
    onclick="location.href='list.jsp'"><p>
</body>
</html>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html><head><meta http-equiv="Content-Type" content="text/html;
charset=EUC-KR"><title>Insert title here</title>
<script type="text/javascript">
function chk() {
    if (!frm.id.value) {    alert("아이디를 입력하셈");
        frm.id.focus();    return false;    }
    if (!frm.passwd.value) {    alert("암호를 입력하셈");
        frm.passwd.focus(); return false;    }
    if (frm.passwd.value != frm.passwd2.value) {
        alert("암호를 확인하세요");
        frm.passwd2.focus(); return false;    }
    if (!frm.name.value) { alert("이름을 입력하셈");
        frm.name.focus();    return false;    }
    if (!frm.phone.value) {    alert("전화번호를 입력하셈");
        frm.phone.focus();    return false;    }
    if (!frm.addr.value) { alert("주소를 입력하셈");
        frm.addr.focus();    return false;    }
    return true;
}
```

```
function conform() {  
    if (!frm.id.value) {        alert("아이디를 입력하셈");  
        frm.id.focus();        return false;    }  
    url = "confirm.jsp?id=" + frm.id.value;  
    open(url,"confirm","width=300 height=300");  
}
```

```
</script></head>
```

```
<body>
```

```
<form action="inputPro.jsp" name="frm" onsubmit="return chk()">
```

```
<table border=1 bgcolor=cyan align=center >
```

```
<tr><td colspan="2" align="center"><h2>회원가입</h2></td></tr>
```

```
<tr><td>아이디</td><td><input type="text" name="id">
```

```
    <input type="button" value="중복확인" onclick="conform()"></td></tr>
```

```
<tr><td>암호</td><td><input type="password" name="passwd"></td></tr>
```

```
<tr><td>암호확인</td><td><input type="password" name="passwd2"></td></tr>
```

```
<tr><td>이름</td><td><input type="text" name="name"></td></tr>
```

```
<tr><td>전화</td><td><input type="text" name="phone"></td></tr>
```

```
<tr><td>주소</td><td><input type="text" name="addr"></td></tr>
```

```
<tr><td>이메일</td><td><input type="text" name="email"></td></tr>
```

```
<tr><td><input type="submit" value="확인"></td>
```

```
    <td><input type="reset" value="취소"></td></tr>
```

```
</table>
```

```
</form>
```

```
</body></html>
```

```
<%@ page language="java" contentType="text/html; charset=EUC-KR"
    pageEncoding="EUC-KR" import="ch12.*"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html><head><meta http-equiv="Content-Type" content="text/html;
charset=EUC-KR">
<title>Insert title here</title></head>
<body>
<jsp:useBean id="member" class="ch12.Member2"></jsp:useBean>
<jsp:setProperty property="*" name="member"/>
<%
    MemberDbBean db = MemberDbBean.getInstance();
    int chk = db.insertMember(member);
    if (chk > 0) { %>
        <script type="text/javascript">
            alert("회원 가입에 성공했습니다");
            location.href="loginForm.jsp";
        </script>
    %>
    <script type="text/javascript">
        alert("회원가입이 실패했습니다");
        history.go(-1);
    </script>
</body></html>
```



```
<%@page import="ch12.MemberDbBean"%><%@ page language="java"
contentType="text/html; charset=EUC-KR"
```

```
    pageEncoding="EUC-KR"%><!DOCTYPE html PUBLIC "-//W3C//DTD HTML
4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
```

```
<html><head><meta http-equiv="Content-Type" content="text/html;
charset=EUC-KR"><title>Insert title here</title>
```

```
<%      String id = request.getParameter("id"); %>
```

```
<script type="text/javascript">
```

```
    function clo() {
```

```
        opener.document.frm.id.value="<%=id%>";
```

```
        window.close();
```

```
    }
```

```
</script></head><body>
```

```
<%      MemberDbBean db = MemberDbBean.getInstance();
```

```
    int chk = db.confirmId(id);
```

```
    if (chk == 1) { %>
```

```
        <%=id%>는 이미 있는 id입니다<p>
```

```
        다른 ID를 입력하세요<p>
```

```
        <form>    ID : <input type="text" name="id"><p>
```

```
                <input type="submit" value="확인">
```

```
        </form>
```

```
<%      } else { %>
```

```
        <%=id %>는 사용할 수 있는 id입니다<p>
```

```
        <input type="button" value="닫기" onclick="clo()">
```

```
<%      }%>
```

```
</body></html>
```

```
<%@ page language="java" contentType="text/html; charset=EUC-KR"
    pageEncoding="EUC-KR"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html><head><meta http-equiv="Content-Type" content="text/html;
charset=EUC-KR"><title>Insert title here</title>
<script type="text/javascript">
function chk() {
    if (!frm.id.value) {      alert("아이디 !!!");
        frm.id.focus();      return false;    }
    if (!frm.passwd.value) { alert("암호 !!!");
        frm.passwd.focus();    return false;    }
    return true;
}
function init() { frm.id.focus(); }
</script></head><body onload="init()">
<form action="loginPro.jsp" name="frm" onsubmit="return chk()">
<table border=1 bgcolor=pink>
<tr><td colspan="2"><h2>로그인</h2></td></tr>
<tr><td>아이디</td><td><input type="text" name="id"></td></tr>
<tr><td>암호</td><td><input type="password" name="passwd"></td></tr>
<tr><td><input type="submit" value="확인"></td>
    <td><input type="reset" value="취소"></td></tr>
</table>
</form></body></html>
```



```
<%@page import="ch12.MemberDbBean"%>
<%@ page language="java" contentType="text/html; charset=EUC-KR"
    pageEncoding="EUC-KR"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html><head><meta http-equiv="Content-Type" content="text/html;
charset=EUC-KR"><title>Insert title here</title></head><body>
<%
    String id = request.getParameter("id");
    String pass = request.getParameter("passwd");
    MemberDbBean db = MemberDbBean.getInstance();
    int x = db.userCheck(id, pass);
    if (x == 1) {
        session.setAttribute("id", id);
        response.sendRedirect("main.jsp");
    } else if (x == 0) { %>
        <script type="text/javascript">
            alert("암호가 엉터린데 놀구있네 !!"); history.go(-1);
        </script>
    <% } else { %>
        <script type="text/javascript">
            alert("넌 누구냐! 15년이나 만두만 주고 !!"); history.go(-1);
        </script>
    <% } %>
</body></html>
```

```

<%@page import="java.util.ArrayList,ch12.*"%>
<%@ page language="java" contentType="text/html; charset=EUC-KR"
    pageEncoding="EUC-KR"%><!DOCTYPE html PUBLIC "-//W3C//DTD HTML
4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html><head><meta http-equiv="Content-Type" content="text/html;
charset=EUC-KR">
<title>Insert title here</title></head><body bgcolor=darkgray>
<%      MemberDbBean db = MemberDbBean.getInstance();
        ArrayList<Member2> al = db.showMembers();
%>
<table border=1 bgcolor=pink><tr>
<td align="center" bgcolor=cyan colspan="6"><h2>회원 명단</h2></td></tr>
    <tr bgcolor=yellow><th>아이디</th><th>이름</th><th>전화번호</th>
    <th>주소</th><th>이메일</th><th>가입일</th></tr>
<%
    for(int i = 0; i < al.size(); i++) {
        out.println("<tr><td>" + al.get(i).getId() + "</td><td>" +
            al.get(i).getName() + "</td><td>" +
            al.get(i).getPhone() + "</td><td>" +
            al.get(i).getAddr() + "</td><td>" +
            al.get(i).getEmail() + "</td><td>" +
            al.get(i).getReg_date() + "</td><tr>");
    }
%>
</table></body></html>

```

```
<%@ page language="java" contentType="text/html; charset=EUC-KR"
    pageEncoding="EUC-KR" import="ch12.*"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html><head><meta http-equiv="Content-Type" content="text/html;
charset=EUC-KR">
<title>Insert title here</title>
<script type="text/javascript">
window.onload = function init() { frm.passwd.focus(); }
function chk() {
    if (!frm.passwd.value) { alert("암호를 입력하셈");
        frm.passwd.focus();    return false;    }
    if (frm.passwd.value != frm.passwd2.value) {
        alert("암호를 확인하세요");
        frm.passwd2.focus();    return false;    }
    if (!frm.name.value) { alert("이름을 입력하셈");
        frm.name.focus();        return false;    }
    if (!frm.phone.value) { alert("전화번호를 입력하셈");
        frm.phone.focus();        return false;    }
    if (!frm.addr.value) { alert("주소를 입력하셈");
        frm.addr.focus();        return false;    }
    return true;
}
</script></head>
```

```
<body bgcolor=cyan>
<%      String id = (String)session.getAttribute("id");
        MemberDbBean db = MemberDbBean.getInstance();
        Member2 member = db.getMember(id);
%>
<form action="updatePro.jsp" name="frm" onsubmit="return chk()">
<table bgcolor=pink align="center"><tr><td colspan="2" align="center">
    <h2>개인정보수정</h2></td></tr>
<tr><td>아이디</td><td><%=member.getId()%></td></tr>
<tr><td>암호</td><td><input type="password" name="passwd"
    value="<%=member.getPasswd()%>"></td></tr>
<tr><td>암호확인</td><td><input type="password" name="passwd2"
    value="<%=member.getPasswd()%>"></td></tr>
<tr><td>이름</td><td><input type="text" name="name"
    value="<%=member.getName()%>"></td></tr>
<tr><td>전화</td><td><input type="text" name="phone"
    value="<%=member.getPhone()%>"></td></tr>
<tr><td>주소</td><td><input type="text" name="addr"
    value="<%=member.getAddr()%>"></td></tr>
<tr><td>이메일</td><td><input type="text" name="email"
    value="<%=member.getEmail()%>"></td></tr>
<tr><td><input type="submit" value="수정완료"></td>
    <td><input type="reset" value="취소"></td></tr>
</table></form></body></html>
```

```
<%@ page language="java" contentType="text/html; charset=EUC-KR"
    pageEncoding="EUC-KR" import="ch12.*"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html><head><meta http-equiv="Content-Type" content="text/html;
charset=EUC-KR"><title>Insert title here</title></head>
<body>
<jsp:useBean id="member" class="ch12.Member2"/>
<jsp:setProperty property="*" name="member"/>
<%
    String id = (String)session.getAttribute("id");
    member.setId(id);
    MemberDbBean db = MemberDbBean.getInstance();
    int chk = db.updateMember(member);
    if (chk > 0) { %>
        <script type="text/javascript">
            alert("수정되었습니다");    location.href="main.jsp";
        </script>
    %> } else { %>
        <script type="text/javascript">
            alert("수정 실패 헐 ~ 고무고무");    history.go(-1);
        </script>
    %>    } %>
</body></html>
```

```
<%@ page language="java" contentType="text/html; charset=EUC-KR"
    pageEncoding="EUC-KR"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html><head><meta http-equiv="Content-Type" content="text/html;
charset=EUC-KR"><title>Insert title here</title>
<script type="text/javascript">
window.onload = function init() { frm.passwd.focus(); }
function chk() {
    if (!frm.passwd.value) { alert("암호를 입력하십시오");
        frm.passwd.focus();    return false;    }
    return true;
}
</script></head>
<% String id = (String)session.getAttribute("id");
    if (id == "" || id == null) { response.sendRedirect("loginForm.jsp"); }
%>
<body>
    <h2>암호입력</h2>
    <form action="deletePro.jsp" name="frm" onsubmit="return chk()">
        <input type="text" name="passwd"><p>
        <input type="submit" value="완료">
    </form>
</body></html>
```



```
<%@ page language="java" contentType="text/html; charset=EUC-KR"
    pageEncoding="EUC-KR" import="ch12.*" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html><head><meta http-equiv="Content-Type" content="text/html;
charset=EUC-KR"><title>Insert title here</title></head>
<body>
<%
    String id = (String)session.getAttribute("id");
    String pass = request.getParameter("passwd");
    MemberDbBean db = MemberDbBean.getInstance();
    int chk = db.deleteMember(id, pass);
    if (chk > 0) { session.invalidate();

%>
        <script type="text/javascript">
            alert("삭제되었습니다");
            location.href="main.jsp";
        </script>
<% } else { %>
        <script type="text/javascript">
            alert("삭제 실패 헐 ~ 대박사건");
            history.go(-1);
        </script>
<%
    } %>
</body></html>
```