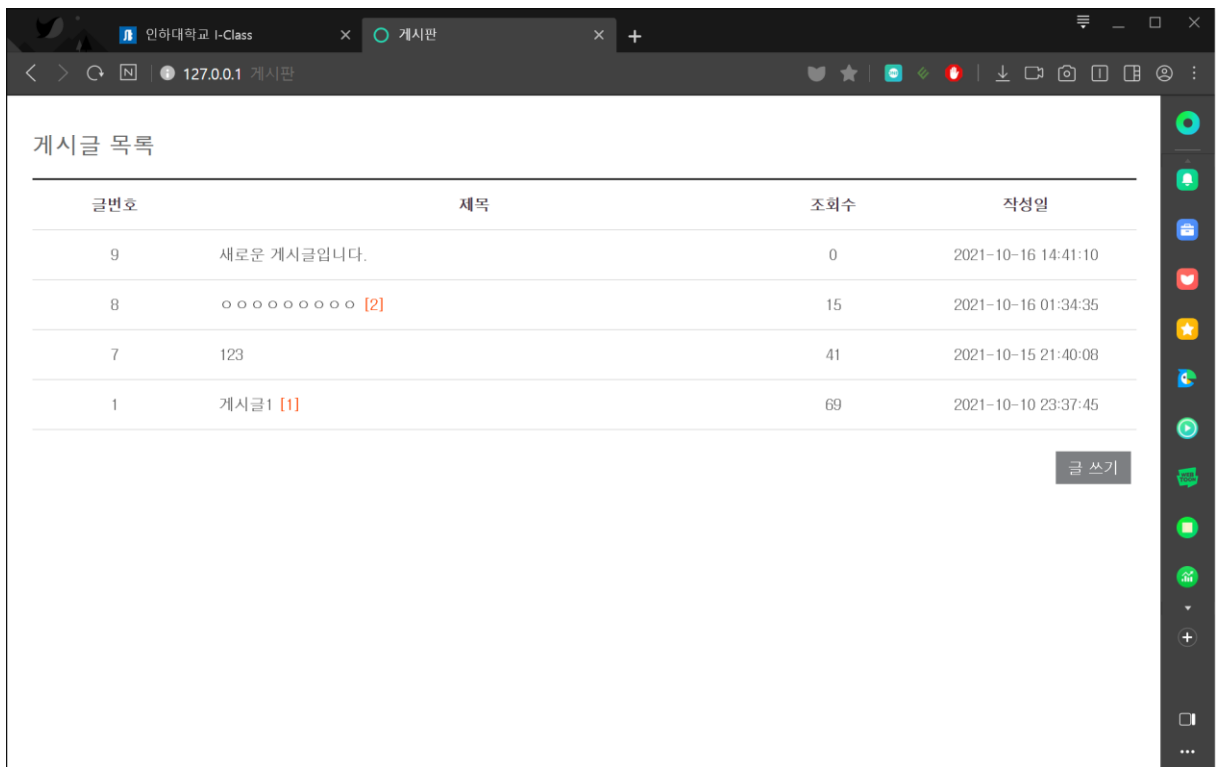


웹서버프로그래밍 댓글작성과제

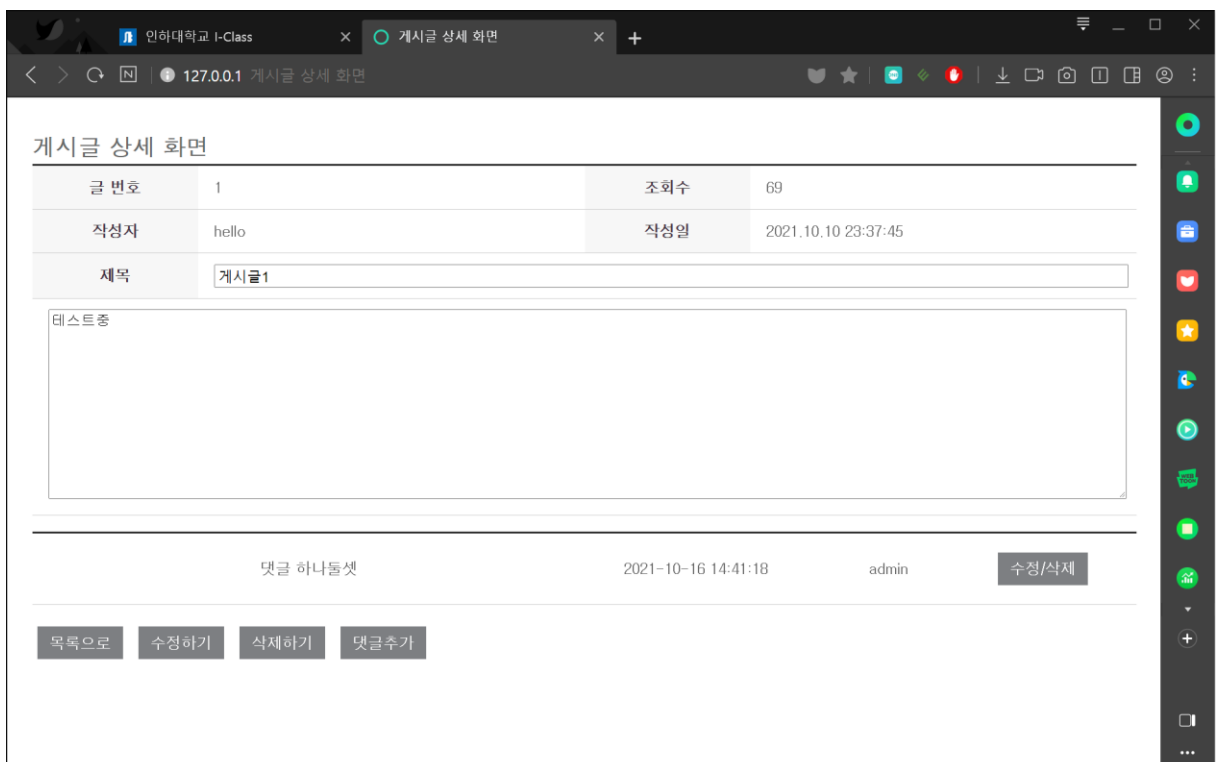
12204172 최현식

1. 동작화면 캡처

A. 게시물 목록



B. 게시물 상세



C. 댓글 추가

댓글 등록

댓글추가하기 12345

저장

D. 댓글 수정/삭제

댓글 상세 화면

댓글 번호	32		
작성자	admin	작성일	2021-10-16 14:42:26
댓글	댓글추가하기 12345		

게시글상세 수정하기 삭제하기

2. 테이블 캡처

A. T_board

UnamedWboardWt_boardW - HeidiSQL 11.3.0.6295

board.t_board: 9 행 (대략적)

board_idx	title	contents	hit_cnt	reply_cnt	created_datetime	creator...	updated_datetime	updater_id	deleted_yn
1	게시글1	테스트중	71	2	2021-10-10 23:37:45	hello	2021-10-10 23:37:53	hello	N
2	재등록입니다11	테스트중11	182	1	2021-10-10 23:37:45	hello	2021-10-16 14:36:09	admin	Y
3	게시글 등록 테스트	내용입니다 새로운!	(NULL)	0	2021-10-11 16:38:04	admin	2021-10-15 13:33:37	admin	Y
4	등록하세요	새로운내용?	(NULL)	0	2021-10-11 16:40:04	admin	(NULL)	(NULL)	(NULL)
5	LLLLLLLL	LLLLLLLL	(NULL)	0	2021-10-11 16:40:22	admin	(NULL)	(NULL)	(NULL)
6	BBBB11	BBBB11	2	0	2021-10-11 16:41:01	admin	2021-10-11 16:47:05	admin	Y
7	123	123	41	0	2021-10-15 21:40:08	admin	(NULL)	(NULL)	N
8	oooooooooooo	oooooooooooo	15	2	2021-10-16 01:34:35	admin	(NULL)	(NULL)	N
9	새로운 게시글입니...	와!!	0	0	2021-10-16 14:41:10	admin	(NULL)	(NULL)	N

27 SHOW ENGINES;
28 SHOW COLLATION;
29 SHOW CREATE TABLE 'board'. 't_board';
30 SELECT CONSTRAINT_NAME, CHECK_CLAUSE FROM 'information_schema'. 'CHECK_CONSTRAINTS' WHERE CONSTRAINT_SCHEMA='board' AND TABLE_NAME='t_board';
31 SELECT 'board_idx', 'title', LEFT('contents', 256), 'hit_cnt', 'reply_cnt', 'created_datetime', 'creator_id', 'updated_datetime', 'updater_id', 'deleted_yn' FR

r1 : c7 연결됨: 00:01 h MariaDB 10.6.4 가동 시간: 2 일, 03:04 h 서버 시간: 오후 2:4 유류

B. T_reply

UnamedWboardWt_replyW - HeidiSQL 11.3.0.6295

board.t_reply: 5 행 (대략적)

reply_no	board_idx	reply_memo	created_datetime	creator_id
24	8	새로운 댓글이빈다	2021-10-16 14:26:59	admin
26	8	댓글가능 들어요!	2021-10-16 14:33:58	admin
30	2	상글했다 이겁니다.	2021-10-16 14:36:07	admin
31	1	댓글 하나들셋	2021-10-16 14:41:18	admin
32	1	댓글추가하기 12345	2021-10-16 14:42:26	admin

34 SELECT * FROM information_schema.REFERENTIAL_CONSTRAINTS WHERE CONSTRAINT_SCHEMA='board' AND TABLE_NAME='t_reply' AND REFERENCED_TABLE_NAME IS NOT NULL;
35 SELECT * FROM information_schema.KEY_COLUMN_USAGE WHERE TABLE_SCHEMA='board' AND TABLE_NAME='t_reply' AND REFERENCED_TABLE_NAME IS NOT NULL;
36 SHOW CREATE TABLE 'board'. 't_reply';
37 SELECT CONSTRAINT_NAME, CHECK_CLAUSE FROM 'information_schema'. 'CHECK_CONSTRAINTS' WHERE CONSTRAINT_SCHEMA='board' AND TABLE_NAME='t_reply';
38 SELECT * FROM 'board'. 't_reply' LIMIT 1000;

r1 : c1 연결됨: 00:01 h MariaDB 10.6.4 가동 시간: 2 일, 03:04 h 서버 시간: 오후 2:4 유류

3. 소스코드

Controller (BoardController.java)

```
package kr.ac.inha.board.board.controller;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestMethod;
import org.springframework.web.bind.annotation.RequestParam;
import org.springframework.web.servlet.ModelAndView;

import kr.ac.inha.board.board.dto.BoardDto;
import kr.ac.inha.board.board.dto.ReplyDto;
import kr.ac.inha.board.board.service.BoardService;

@Controller
public class BoardController {
    @Autowired
    private BoardService boardService;

    // 게시물 관련
    @RequestMapping("/board/openBoardList.do")
    public ModelAndView openBoardList() throws Exception {
        ModelAndView mv = new ModelAndView("/board/boardList");

        List<BoardDto> list = boardService.selectBoardList();
        mv.addObject("list", list);

        return mv;
    }

    @RequestMapping("/board/openBoardWrite.do")
    public String openBoardWrite() throws Exception {
        return "/board/boardWrite";
    }

    @RequestMapping("/board/insertBoard.do")
    public String insertBoard(BoardDto board) throws Exception {
        boardService.insertBoard(board);
        return "redirect:/board/openBoardList.do";
    }

    @RequestMapping("/board/openBoardDetail.do")
    public ModelAndView openBoardDetail(@RequestParam int boardIdx) throws Exception {
        ModelAndView mv = new ModelAndView("/board/boardDetail");

        BoardDto board = boardService.selectBoardDetail(boardIdx);
        List<ReplyDto> reply = boardService.selectReplyList(boardIdx);

        mv.addObject("board", board);
        mv.addObject("reply", reply);
        return mv;
    }

    @RequestMapping("/board/updateBoard.do")
```

```

    public String updateBoard(BoardDto board) throws Exception {
        boardService.updateBoard(board);
        return "redirect:/board/openBoardList.do";
    }

    @RequestMapping("/board/deleteBoard.do")
    public String deleteBoard(int boardIdx) throws Exception {
        boardService.deleteBoard(boardIdx);
        return "redirect:/board/openBoardList.do";
    }

    // 댓글 관련
    @RequestMapping(value = "/board/openReplyWrite.do", method = RequestMethod.GET)
    public ModelAndView openReplyWrite(int boardIdx) throws Exception {
        System.out.println(boardIdx);
        ModelAndView mv = new ModelAndView("/board/commentWrite");
        mv.addObject("idx", boardIdx);
        return mv;
    }

    @RequestMapping("/board/insertReply.do")
    public String insertReply(ReplyDto reply) throws Exception {
        boardService.insertReply(reply);
        return "redirect:/board/openBoardDetail.do?boardIdx="+reply.getBoardIdx();
    }

    @RequestMapping("/board/openReplyDetail.do")
    public ModelAndView openReplyDetail(@RequestParam int replyNo) throws Exception {
        ModelAndView mv = new ModelAndView("/board/replyDetail");
        ReplyDto reply = boardService.selectReplyDetail(replyNo);
        mv.addObject("reply", reply);
        return mv;
    }

    @RequestMapping("/board/updateReply.do")
    public String updateReply(ReplyDto reply) throws Exception {
        boardService.updateReply(reply);
        return "redirect:/board/openBoardDetail.do?boardIdx="+reply.getBoardIdx();
    }

    @RequestMapping("/board/deleteReply.do")
    public String deleteReply(@RequestParam int replyNo) throws Exception {
        ReplyDto reply = boardService.selectReplyDetail(replyNo);
        boardService.deleteReply(replyNo);
        return "redirect:/board/openBoardDetail.do?boardIdx="+reply.getBoardIdx();
    }

}

```

Service (BoardService.java)

```

package kr.ac.inha.board.board.service;

import java.util.List;

import kr.ac.inha.board.board.dto.BoardDto;
import kr.ac.inha.board.board.dto.ReplyDto;

public interface BoardService {

```

```

List<BoardDto> selectBoardList() throws Exception;

void insertBoard(BoardDto board) throws Exception;

BoardDto selectBoardDetail(int boardIdx) throws Exception;
void updateBoard(BoardDto board) throws Exception;
void deleteBoard(int boardIdx) throws Exception;

// 댓글 관련
List<ReplyDto> selectReplyList(int boardIdx) throws Exception;
ReplyDto selectReplyDetail(int replyNo) throws Exception;
void insertReply(ReplyDto board) throws Exception;
void updateReply(ReplyDto reply) throws Exception;
void deleteReply(int replyNo) throws Exception;
}

```

Service (BoardServiceImpl.java)

```

package kr.ac.inha.board.board.service;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;

import kr.ac.inha.board.board.dto.BoardDto;
import kr.ac.inha.board.board.dto.ReplyDto;
import kr.ac.inha.board.board.mapper.BoardMapper;

@Service
public class BoardServiceImpl implements BoardService {
    @Autowired
    private BoardMapper boardMapper;

    @Override
    public List<BoardDto> selectBoardList() throws Exception {
        return boardMapper.selectBoardList();
    }

    @Override
    public void insertBoard(BoardDto board) throws Exception {
        boardMapper.insertBoard(board);
    }

    @Override
    public BoardDto selectBoardDetail(int boardIdx) throws Exception {
        BoardDto board = boardMapper.selectBoardDetail(boardIdx);
        boardMapper.updateHitCount(boardIdx);
        return board;
    }

    @Override
    public void updateBoard(BoardDto board) throws Exception {
        boardMapper.updateBoard(board);
    }

    @Override

```

```

    public void deleteBoard(int boardIdx) throws Exception {
        boardMapper.deleteBoard(boardIdx);
    }

    // 댓글 기능
    @Override
    public List<ReplyDto> selectReplyList(int boardIdx) throws Exception {
        return boardMapper.selectReplyList(boardIdx);
    }

    @Override
    public ReplyDto selectReplyDetail(int replyNo) throws Exception{
        ReplyDto reply = boardMapper.selectReplyDetail(replyNo);
        //boardMapper.updateReplyCount(reply.getBoardIdx(), replyNo);
        return reply;
    }

    @Override
    public void insertReply(ReplyDto board) throws Exception{
        boardMapper.insertReply(board);
        boardMapper.updateReplyCount(board.getBoardIdx(), 1);
    }

    @Override
    public void updateReply(ReplyDto reply) throws Exception {
        boardMapper.updateReply(reply);
    }

    @Override
    public void deleteReply(int replyNo) throws Exception {
        ReplyDto reply = boardMapper.selectReplyDetail(replyNo);
        boardMapper.updateReplyCount(reply.getBoardIdx(), -1);
        boardMapper.deleteReply(replyNo);
    }
}

```

Mapper (BoardMapper.java)

```

package kr.ac.inha.board.board.mapper;

import java.util.List;

import org.apache.ibatis.annotations.Mapper;
import org.apache.ibatis.annotations.Param;

import kr.ac.inha.board.board.dto.BoardDto;
import kr.ac.inha.board.board.dto.ReplyDto;

@Mapper
public interface BoardMapper {
    // 게시글 관련
    List<BoardDto> selectBoardList() throws Exception;

    void insertBoard(BoardDto board) throws Exception;

    BoardDto selectBoardDetail(int boardIdx) throws Exception;
    void updateHitCount(int boardIdx) throws Exception;
    void updateBoard(BoardDto board) throws Exception;
}

```

```

void deleteBoard(int boardIdx) throws Exception;

// 댓글 관련
List<ReplyDto> selectReplyList(int boardIdx) throws Exception;
ReplyDto selectReplyDetail(int replyNo) throws Exception;
void updateReplyCount(@Param("boardIdx") int boardIdx, @Param("interval") int interval)
throws Exception;
void insertReply(ReplyDto board) throws Exception;
void updateReply(ReplyDto reply) throws Exception;
void deleteReply(int replyNo) throws Exception;
}

```

Template (boardDetail.html)

```

<!DOCTYPE html><!DOCTYPE html>
<html lang="ko" xmlns:th="http://www.thymeleaf.org">
    <head>
        <meta charset="UTF-8">
        <title>게시글 상세 화면</title>
        <link rel="stylesheet" th:href="@{/css/style.css}"/>
    </head>
    <body>
        <div class="container">
            <h2>게시글 상세 화면</h2>
            <form id="frm" method="post">
                <table class="board_detail">
                    <colgroup>
                        <col width="15%"/>
                        <col width="35%"/>
                        <col width="15%"/>
                        <col width="35%"/>
                    </colgroup>
                    <caption>게시글 상세내용</caption>
                    <tbody>
                        <tr>
                            <th scope="row">글 번호</th>
                            <td th:text="${board.boardIdx}"></td>
                            <th scope="row">조회수</th>
                            <td th:text="${board.hitCnt}"></td>
                        </tr>
                        <tr>
                            <th scope="row">작성자</th>
                            <td th:text="${board.creatorId}"></td>
                            <th scope="row">작성일</th>
                            <td th:text="${board.createdDatetime }"></td>
                        </tr>
                        <tr>
                            <th scope="row">제목</th>
                            <td colspan="3"><input type="text" id="title"
name="title" th:value="${board.title }"/></td>
                        </tr>
                        <tr>
                            <td colspan="4" class="view_text">
                                <textarea title="내용" id="contents"
name="contents" th:text="${board.contents }"></textarea>
                            </td>
                        </tr>
                    </tbody>
                </table>
            </form>
        </div>
    </body>
</html>

```



```

        <input type="hidden" id="boardIdx" name="boardIdx"
th:value="${board.boardIdx }">
    </form>

    <!-- 댓글 목록 부분 -->
    <table class="board_list">
        <colgroup>
            <col width="*" />
            <col width="20%" />
            <col width="15%" />
            <col width="15%" />
        </colgroup>
        <tbody>
            <tr th:if="${#lists.size(reply)} > 0" th:each="reply :
${reply}">
                <td th:text="${reply.replyMemo}"></td>
                <td th:text="${reply.createdDatetime}"></td>
                <td th:text="${reply.creatorId}"></td>
                <td class="title">
                    <a href="/board/openReplyDetail.do?replyNo="
th:attrappend="href=${reply.replyNo}" class="btn">
                        수정/삭제
                    </a>
                </td>
            </tr>
            <tr th:unless="${#lists.size(reply)} > 0">
                <td colspan="4">조회된 결과가 없습니다.</td>
            </tr>
        </tbody>
    </table>

    <a href="#this" id="list" class="btn">목록으로</a>
    <a href="#this" id="edit" class="btn">수정하기</a>
    <a href="#this" id="delete" class="btn">삭제하기</a>
    <a href="/board/openReplyWrite.do?boardIdx="
th:attrappend="href=${board.boardIdx}" class="btn">댓글추가</a>
</div>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
<script type="text/javascript">
$(document).ready(function(){
    $("#list").on("click", function(){
        location.href = "/board/openBoardList.do";
    });
    $("#edit").on("click", function(){
        var frm = $("#frm")[0];
        frm.action = "/board/updateBoard.do";
        frm.submit();
    });
    $("#delete").on("click", function(){
        var frm = $("#frm")[0];
        frm.action = "/board/deleteBoard.do";
        frm.submit();
    });
});
</script>
</body>
</html>

```

Template (boardList.html)

```
<!DOCTYPE html>
<html lang="ko" xmlns:th="http://www.thymeleaf.org">

<head>
    <meta charset="UTF-8">
    <title>게시판</title>
    <link rel="stylesheet" th:href="@{/css/style.css}" />
</head>

<body>
    <div class="container">
        <h2>게시글 목록</h2>
        <table class="board_list">
            <colgroup>
                <col width="15%" />
                <col width="*" />
                <col width="15%" />
                <col width="20%" />
            </colgroup>
            <thead>
                <tr>
                    <th scope="col">글번호</th>
                    <th scope="col">제목</th>
                    <th scope="col">조회수</th>
                    <th scope="col">작성일</th>
                </tr>
            </thead>
            <tbody>
                <tr th:if="${#lists.size(list)} > 0" th:each="list : ${list}">
                    <td th:text="${list.boardIdx}"></td>
                    <td class="title">
                        <a
                            href="/board/openBoardDetail.do?boardIdx="
                                th:attrappend="href=${list.boardIdx}"
                                th:text="${list.title}"
                                </a>
                        <span class="num_of_reply"
                            th:text="(${list.replyCnt})>0 ? '['+${list.replyCnt}+']': ''"></span>
                    </td>
                    <td th:text="${list.hitCnt}"></td>
                    <td th:text="${list.createdDatetime}"></td>
                </tr>
                <tr th:unless="${#lists.size(list)} > 0">
                    <td colspan="4">조회된 결과가 없습니다.</td>
                </tr>
            </tbody>
        </table>
        <p align="right">
            <a href="/board/openBoardWrite.do" class="btn">글 쓰기</a>
        </p>
    </div>
</body>
</html>
```

Template (boardWrite.html)

```
<!DOCTYPE html>
<html lang="ko" xmlns:th="http://www.thymeleaf.org">
  <head>
    <meta charset="UTF-8">
    <title>board</title>
    <link rel="stylesheet" th:href="@{/css/style.css}"/>
  </head>
  <body>
    <div class="container">
      <h2>게시글 등록</h2>
      <form id="frm" name="frm" method="post" action="/board/insertBoard.do">
        <table class="board_detail">
          <tr>
            <td>제목</td>
            <td><input type="text" id="title" name="title"/></td>
          </tr>
          <tr>
            <td colspan="2">
              <textarea id="contents" name="contents"></textarea>
            </td>
          </tr>
        </table>
        <input type="submit" id="submit" value="저장" class="btn">
      </form>
    </div>
  </body>
</html>
```

Template (commentWrite.html)

```
<!DOCTYPE html>
<html lang="ko" xmlns:th="http://www.thymeleaf.org">

<head>
  <meta charset="UTF-8">
  <title>board</title>
  <link rel="stylesheet" th:href="@{/css/style.css}" />
</head>

<body>
  <div class="container">
    <h2>댓글 등록</h2>
    <form id="frm" name="frm" method="post" action="/board/insertReply.do">
      <table class="board_detail">
        <tr>
          <td colspan="2">
            <textarea id="replyMemo"
name="replyMemo"></textarea>
          </td>
        </tr>
      </table>
      <input type="hidden" id="boardIdx" name="boardIdx" th:value="${idx}">
      <input type="submit" id="submit" value="저장" class="btn">
    </form>
  </div>
</body>
```

</html>

Template (replyDetail.html)

```
<!DOCTYPE html><!DOCTYPE html>
<html lang="ko" xmlns:th="http://www.thymeleaf.org">
    <head>
        <meta charset="UTF-8">
        <title>댓글 상세 화면</title>
        <link rel="stylesheet" th:href="@{/css/style.css}"/>
    </head>
    <body>

        <div class="container">
            <h2>댓글 상세 화면</h2>
            <form id="frm" name="frm" method="post" action="/board/updateReply.do">
                <table class="board_detail">
                    <colgroup>
                        <col width="15%" />
                        <col width="35%" />
                        <col width="15%" />
                        <col width="35%" />
                    </colgroup>
                    <caption>게시글 상세내용</caption>
                    <tbody>
                        <tr>
                            <th scope="row">댓글 번호</th>
                            <td colspan="3">
                                th:text="${reply.replyNo}"</td>
                            </tr>
                        <tr>
                            <th scope="row">작성자</th>
                            <td th:text="${reply.creatorId}"></td>
                            <th scope="row">작성일</th>
                            <td th:text="${reply.createdDatetime }"></td>
                        </tr>
                        <tr>
                            <th scope="row">댓글</th>
                            <td colspan="3">
                                id="replyMemo" name="replyMemo" th:value="${reply.replyMemo}"/>
                                <input type="text"
                                </tr>
                            </tbody>
                        </table>
                        <input type="hidden" id="boardIdx" name="boardIdx"
                        th:value="${reply.boardIdx }">
                        <input type="hidden" id="replyNo" name="replyNo"
                        th:value="${reply.replyNo}">
                        </form>

                        <a href="/board/openBoardDetail.do?boardIdx="
                        th:attrappend="href=${reply.boardIdx}" class="btn">게시글상세</a>
                        <a href="#this" id="edit" class="btn">수정하기</a>
                        <a href="/board/deleteReply.do?replyNo=" th:attrappend="href=${reply.replyNo}"
                        class="btn">삭제하기</a>
                    </div>

                    <script
                    src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
```

```

        <script type="text/javascript">
        $(document).ready(function(){
            $("#edit").on("click", function(){
                var frm = $("#frm")[0];
                frm.action = "/board/updateReply.do";
                frm.submit();
            });
        });
        </script>
    </body>
</html>

```

Query (sql-board.xml)

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE mapper PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN" "http://mybatis.org/dtd/mybatis-3-mapper.dtd">

<mapper namespace="kr.ac.inha.board.board.mapper.BoardMapper">
    <select id="selectBoardList" resultType="kr.ac.inha.board.board.dto.BoardDto">
        <![CDATA[
            SELECT
                board_idx,
                title,
                hit_cnt,
                reply_cnt,
                DATE_FORMAT(created_datetime, '%Y-%m-%d %H:%i:%s') AS
created_datetime
            FROM
                t_board
            WHERE
                deleted_yn = 'N'
            ORDER BY board_idx DESC
        ]]>
    </select>

    <insert id="insertBoard" parameterType="kr.ac.inha.board.board.dto.BoardDto"
useGeneratedKeys="true" keyProperty="boardIdx">
        <![CDATA[
            INSERT INTO t_board
            (
                title,
                contents,
                created_datetime,
                creator_id
            )
            VALUES
            (
                #{title},
                #{contents},
                NOW(),
                'admin'
            )
        ]]>
    </insert>

    <select id="selectBoardDetail" parameterType="int"

```

```

resultType="kr.ac.inha.board.board.dto.BoardDto">
    <![CDATA[
        SELECT
            board_idx, title, contents, hit_cnt, DATE_FORMAT(created_datetime,
'%Y.%m.%d %H:%i:%s') AS created_datetime, creator_id
        FROM
            t_board
        WHERE
            board_idx = #{boardIdx}
            AND deleted_yn = 'N'
    ]]>
</select>

<update id="updateHitCount" parameterType="int">
    <![CDATA[
        UPDATE
            t_board
        SET
            hit_cnt = hit_cnt + 1
        WHERE
            board_idx = #{boardIdx}
    ]]>
</update>

<update id="updateBoard" parameterType="kr.ac.inha.board.board.dto.BoardDto">
    <![CDATA[
        UPDATE t_board
            SET title = #{title},
                contents = #{contents},
                updated_datetime = Now(),
                updater_id = 'admin'
        WHERE
            board_idx = #{boardIdx}
    ]]>
</update>

<update id="deleteBoard" parameterType="int">
    <![CDATA[
        UPDATE t_board
        SET deleted_yn = 'Y',
            updated_datetime = Now(),
            updater_id = 'admin'
        WHERE
            board_idx = #{boardIdx}
    ]]>
</update>

<select id="selectReplyList" resultType="kr.ac.inha.board.board.dto.ReplyDto">
    <![CDATA[
        SELECT
            reply_no,
            board_idx,
            reply_memo,
            DATE_FORMAT(created_datetime, '%Y-%m-%d %H:%i:%s') AS
created_datetime,
            creator_id
        FROM
            t_reply
        WHERE
            board_idx = #{boardIdx}
    ]]>
</select>

```

```

ORDER BY created_datetime DESC
]]>
</select>
<select id="selectReplyDetail" resultType="kr.ac.inha.board.board.dto.ReplyDto">
    <![CDATA[
        SELECT
            reply_no,
            board_idx,
            reply_memo,
            DATE_FORMAT(created_datetime, '%Y-%m-%d %H:%i:%s') AS
created_datetime,
            creator_id
        FROM
            t_reply
        WHERE
            reply_no = #{replyNo}
    ]]>
</select>
<insert id="insertReply" parameterType="kr.ac.inha.board.board.dto.ReplyDto"
useGeneratedKeys="true" keyProperty="replyNo">
    <![CDATA[
        INSERT INTO t_reply
        (
            board_idx,
            reply_memo,
            created_datetime,
            creator_id
        )
        VALUES
        (
            #{boardIdx},
            #{replyMemo},
            NOW(),
            'admin'
        )
    ]]>
</insert>
<update id="updateReplyCount">
    <![CDATA[
        UPDATE t_board
            SET reply_cnt = ifnull(reply_cnt, 0) + #{interval}
        WHERE board_idx = #{boardIdx}
    ]]>
</update>
<update id="updateReply" parameterType="kr.ac.inha.board.board.dto.ReplyDto">
    <![CDATA[
        UPDATE t_reply
            SET reply_memo = #{replyMemo}
        WHERE reply_no = #{replyNo}
    ]]>
</update>
<delete id="deleteReply" parameterType="int">
    <![CDATA[
        DELETE FROM t_reply
        WHERE reply_no = #{replyNo}
    ]]>
</delete>
</mapper>

```