13. 통합 구현 수행평가

Html, 테이블 설계, 기능 구현

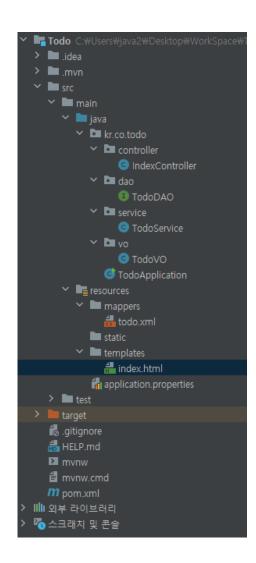
날짜: 2023/02/20

이름: 조주영

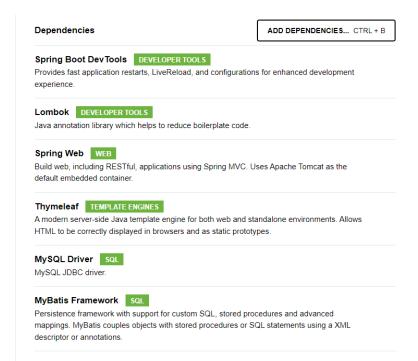
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1. 프로젝트 생성 및 구성







2. 화면 구현

최종 화면

Todo

Done Ready Doing #107 #104 #100 모레 할 일 내일 할 일 오늘 할 일 2023-02-20 2023-02-20 2023-02-20 #105 123 2023-02-20 추가

스타일

```
<style>
   * {margin: 0; padding: 0;}
   #wrapper {width: 800px; height: auto; margin: 0 auto; overflow: hidden;}
   section {width: 800px; height: auto; margin: 0 auto;}
   h3 {margin-bottom: 10px;}
                                                             .item {
                                                                 height: 100px;
                                                                 margin-top: 6px;
      box-sizing: border-box;
                                                                 background: white;
                                                                 border: 1px solid #d8dee4;
  article {
                                                                 border-radius: 6px;
                                                                 box-sizing: border-box;
                                                                 z-index: 10000;
      background: #f6f8fa;
      border: 1px solid #d8dee4;
      border-radius: 6px;
      box-sizing: border-box;
                                                                 background: none;
                                                             .add {
                                                                 padding: 6px;
                                                                 box-sizing: border-box;
                                                             .add > input {
                                                                 padding: 6px;
                                                                 box-sizing: border-box;
                                                        </style>
```

2. 화면 구현

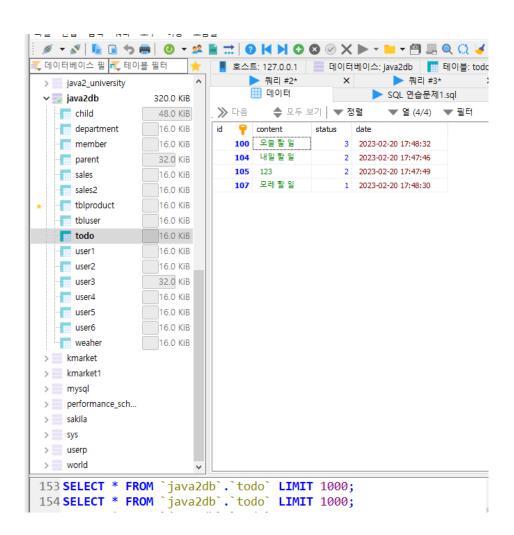
Html code

```
<h3>Doing</h3>
<h3>Ready</h3>
                                                                    <article class="doing" data-status="2">
<article class="ready" data-status="1">
                                                                                                                                             <article class="done" data-status="3">
                                                                        <th:block th:each="art : ${doing}">
   <th:block th:each="art : ${ready}">
                                                                                                                                                 <th:block th:each="art : ${done}">
                                                                            <div class="item" th:data-no="${art.id}">
                                                                                                                                                     <div class="item" th:data-no="${art.id}">
        <div class="item" th:data-no="${art.id}">
                                                                                <button class="del">X</button>
           <button class="del">X</button>
                                                                                                                                                         <button class="del">X</button>
                                                                                <em class="tit">#[[${art.id}]]</em>
           <em class="tit">#[[${art.id}]]</em>
                                                                                                                                                         <em class="tit">#[[${art.id}]]</em>
                                                                                    [[${art.content}]]
               [[${art.content}]]
                                                                                                                                                             [[${art.content}]]
                                                                                <span class="date">[[${art.date}]]</span>
                                                                                                                                                         <span class="date">[[${art.date}]]</span>
           <span class="date">[[${art.date}]]</span>
                                                                        </th:block>
   </th:block>
                                                                                                                                                 </th:block>
                                                                    </article>
</article>
                                                                                                                                             </article>
```

```
</section>
<div class="add">

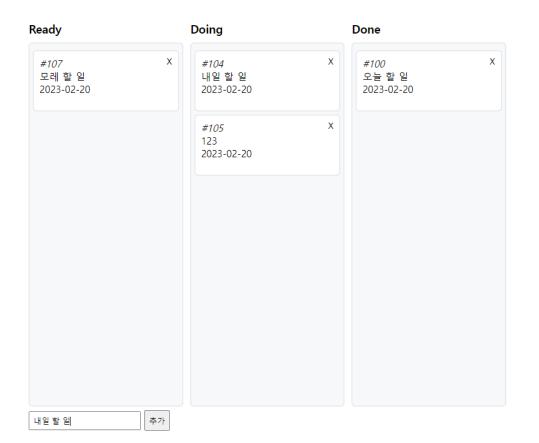
<input type="text" name="todo"/>
<input type="button" id="btnAdd" value="추가"/>
</div>
</div>
</body>
</html>
```

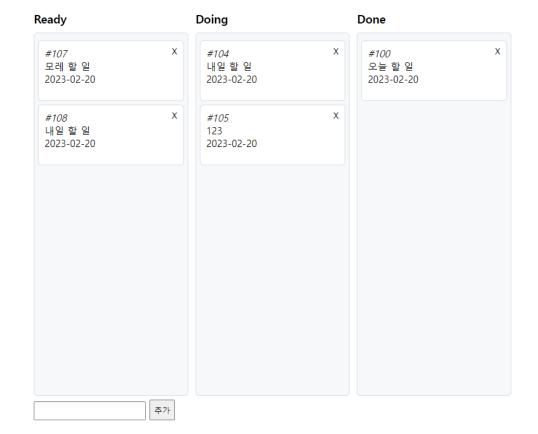
3. 테이블 설계



4. 기능 구현

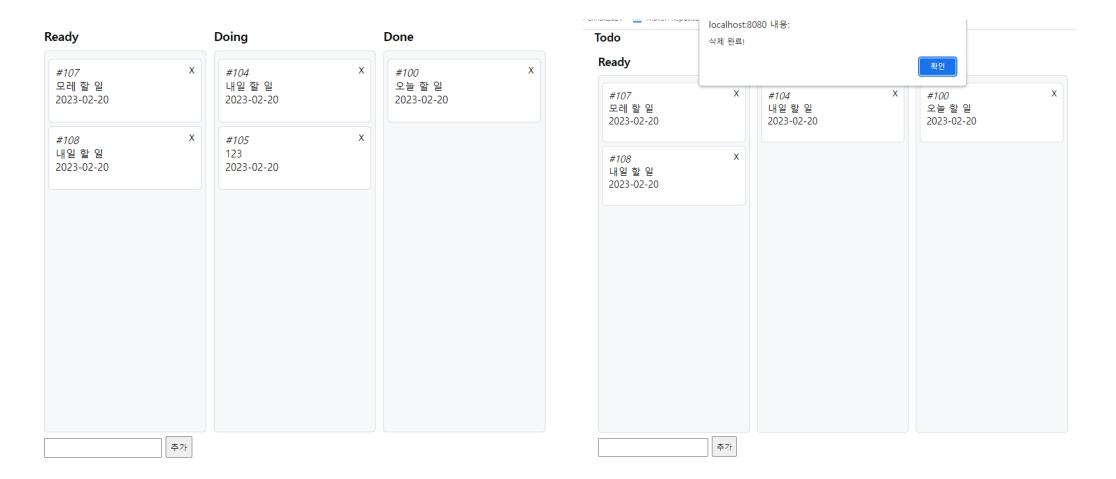
insert





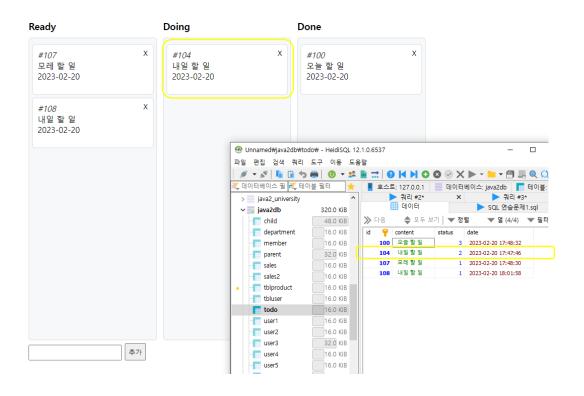
4. 기능 구현

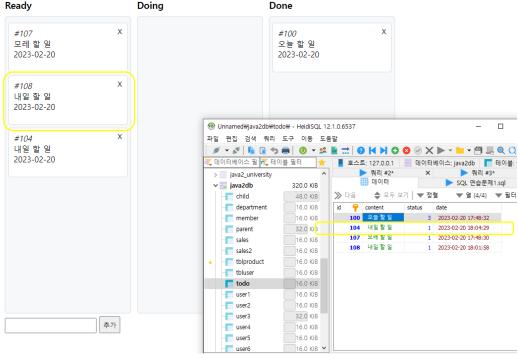
delete



4. 기능 구현

update





controller

```
QController
public class IndexController {

6개 사용 위치
    @Autowired
    private TodoService service;

0개의 사용위치
    @GetMapping(value = {"/", "/index"})
public String index(Model model) {
    List<TodoVO> ready = service.selectTodos( status: 1);
    List<TodoVO> doing = service.selectTodos( status: 2);
    List<TodoVO> done = service.selectTodos( status: 3);

    model.addAttribute( attributeName: "ready", ready);
    model.addAttribute( attributeName: "doing", doing);
    model.addAttribute( attributeName: "done", done);
    return "index";
}
```

```
@PostMapping("insert")
public Map<String, Integer> insert(@RequestParam("content") String content){
    int result = service.insertTodo(content);
    Map<String, Integer> resultMap = new HashMap<>();
@PostMapping("update")
public Map<String, Integer> update(@RequestParam("id") int id, @RequestParam("status") int status){
    Map<String, Integer> resultMap = new HashMap<>();
   resultMap.put("result", result);
public Map<String, Integer> delete(@RequestParam("id") int id){
   Map<String, Integer> resultMap = new HashMap<>();
   resultMap.put("result", result);
    return resultMap;
```

script

```
<script>
       $('article').sortable({
           connectWith: "article",
           scroll: false,
           helper: "clone",
               let status = $(this).attr('data-status');
               $.ajax({
                   url: 'update',
                   data: {'id':id, 'status':status},
                       if (data.result > 0) {
```

```
$('#btnAdd').click(function(){
       url: 'insert',
               alert('등록 성공!');
$(document).on('click', '.del', function(){
    let id = $(this).parent().attr('data-no');
    $.ajax({
       data: {'id':id},
               alert ('삭제 완료!');
   $(this).parent().remove();
```

VO

```
@Data
@AllArgsConstructor
@NoArgsConstructor
public class TodoVO {
   private String content;
   private int status;
   private String date;
   public String getDate() {
       return date.substring(0, 10);
```

dao

```
3개 사용 위치

@Repository

@Mapper

public interface TodoDAO {

1개 사용 위치

public int insertTodo(String content);

1개 사용 위치

public TodoVO selectTodo(int i/i);

1개 사용 위치

public List<TodoVO> selectTodos(int status);

1개 사용 위치

public int updateTodo(@Param("id") int id, @Param("status") int status);

1개 사용 위치

public int deleteTodo(int id);

}
```

service

```
Service
ublic class TodoService {
  public int insertTodo(String content){
      return dao.insertTodo(content);
  public List<TodoVO> selectTodos(int status){
  public int updateTodo(int id, int status){
      return dao.updateTodo(id, status);
  public int deleteTodo(int id){
```

mappers / todo.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE mapper
       PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN"
<mapper namespace="kr.co.todo.dao.TodoDA0">
   <insert id="insertTodo" keyProperty="id">
       INSERT INTO `todo` set
       `content`=#{content},
        `date`= NOW();
   </insert>
   <select id="selectTodos" resultType="kr.co.todo.vo.TodoV0">
       SELECT * FROM `todo` WHERE `status` = #{status} ORDER BY `date` ASC;
   </select>
   <update id="updateTodo">
       UPDATE `todo`
           SET `status` = #{status}, `date` = NOW()
           WHERE `id` = #{id};
   </update>
   <delete id="deleteTodo">
   </delete>
</mapper>
```

감사합니다.