portfolio

(List)

- >> Introduction
- >> Projects
- >> Skills with personal project's codes
- **>>** _Aim

Hyeonseo

1. Introduction

About Jang



Hyeonseo Jang

periwinkle6232@gmail.com

236-867-7942

Skills

Info

















HTML JAVA SCRIPT Spring Maven Linux















>> Education for IT

Program for professional smart web& contents Software based on JAVA ETC YeoungNam Institution (2019,10,18~2020,06,15)

>> Certificate

SQLD

LinuxMoster Level2

Computer Specialist in Spreadsheet & Database Level2

>> Projects

01. Java Swing project

02. JSP project

03. Spring framework project

04. Personal project (ing)

2. Team Projects

Projects

01. JAVA SWING



BANK SWING PROGRAM
For employees(including Manager)

등록 수정 삭제



BANK program web version YN BANK

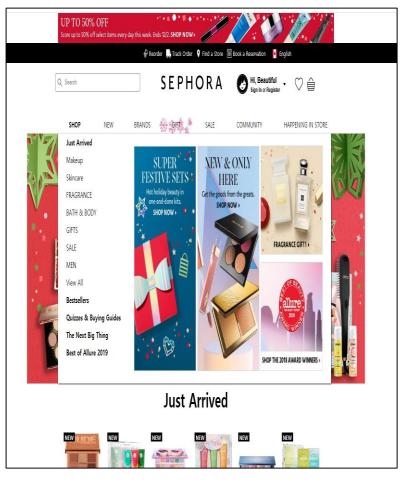


Travel agency mall specialized in package products

TOURLAND

0-1. Frontend-HTML, CSS

move to website

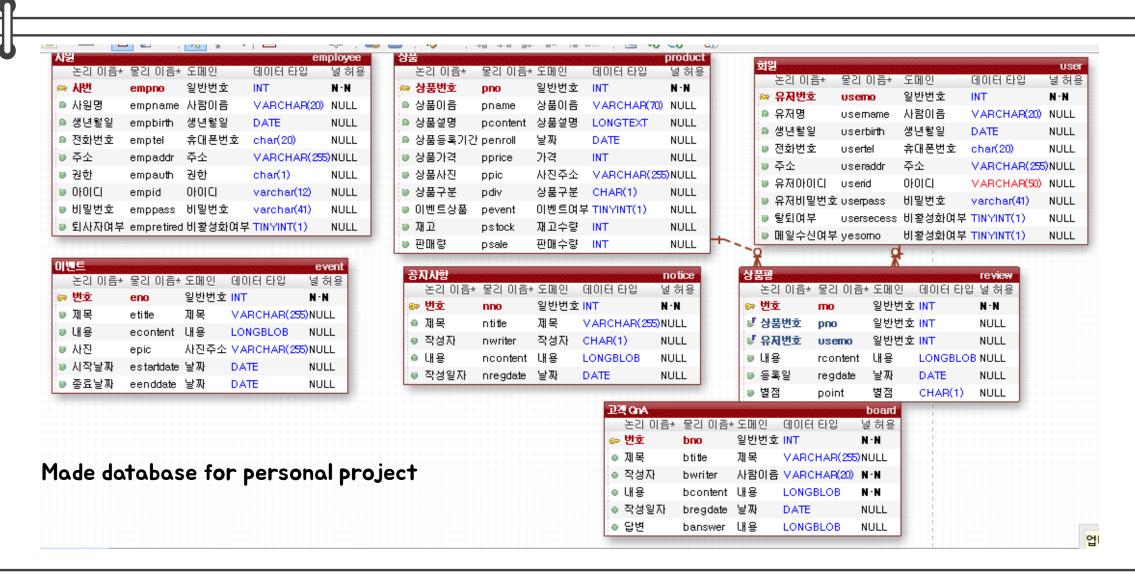


```
sephora.html 🔀
                                                                        sephora.css 🔀
118⊖
        <section>
                                                                           79 ul {
119⊖
        <nav id="nav2">
                                                                               list-style: none;
120⊖
             <l
                                                                           9 }
1210
                                                                          100 ul a {
                    id="li1"><a href="#"><b>SHOP</b></a>
1220
                        d="li1sub">
                                                                                text-decoration: none;
123
                                                                                color: white:
                            <a href="#">MAKEUP</a>
124
                            <a href="#">SKINCARE</a>
                                                                          13 }
125
                            <a href="#">HAIR</a>
                                                                          14@ img#top{
126
                                                                               display:block;
                            <a href="#">TOOLS & BRUSHES</a>
127
                            <a href="#">FRAGRANCE</a>
                                                                               margin: 0 auto;
128
                                                                          17 1
                            <a href="#">BATH & BODY</a>
129
                            <a href="#">GIFTS</a>
                                                                          180 #fnav {
130
                                                                                background: black;
                            <a href="#">SALE</a>
131
                            <a href="#">MEN</a>
                                                                               height: 40px;
132
                            <a href="#">MINI SIZE</a>
                                                                          21
133
                            <a href="#">SEPHORA COLLECTION</a>
                                                                          22 1
134
                            <a href="#">BEAUTY OFFERS</a>
                                                                          23⊕ #fnav> ul{
135
                        width: 580px;
136
                     </1i>
                                                                               margin: 0 auto;
137⊕
                    id="li2"><a href="#">NEW</a>
                                                                               margin-left: 750px;
138⊕
                        <div id="second">
                                                                               min-width: 580px;
139@
                          d="li2sub">
                                                                          28 }
140
                            <a href="#"><b>Just Arrived</b></a>
                                                                          290 #fnav ul li{
141
                            <a href="#">Makeup</a>
                                                                                float:left;
                             .... 1 5 848 611
                                                                                   . . . . . . .
```

0-2. Frontend-JavaScript

```
<script>
      $("#file").change(function(){
         // var file = $(this)[0]; //$(this)[0] : javascript객체를 의미 제미쿼리의 0번째 정보는 자바스크립트가 가지고 있음
          console.log(file);
          //파일 정보를 끄집어 내자
          var file = $(this)[0].files[0]; //files가 배열이라 0을 넣어줌 배너 등록 페이지에서 필요한 건 단일 파일이기 때문
          console.log(file);
          var reader = new FileReader();
          reader.readAsDataURL(file);
          reader.onload = function(e){ //.addEventListener("load",function(){}) - 여러개 이벤트를 넣을 수 있음
var $img = $("<img class='previewImg'>").attr("src",e.target.result); // == reader.result 같은 값이 넘어온다
                  $("#previewDiv").html($img);
      })
        //리스트로 버튼 눌렀을 때 리스트로 돌아가기
$("#btnReturnToList").click(function(){
                         location.href="${pageContext.request.contextPath}/eventList";
                })
  </script>
<%@ include file="../../include/footer.isp"%>
```

0-3. Backend-Database



1-1. Latest Projects

Project

Simple wep page and mobile application

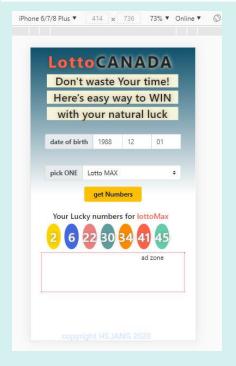
to lottocanada web page

vscode, html, css, javascript

Auto pick program for 3 kinds of canada Lottery



Web version



mobile web version

1-2. codes

Try to make function with only vanillajavascript not using j-query

```
function generate(){
    var goodluckDiv = document.getElementById("goodluck")
    goodluckDiv.innerHTML =""
    var random =[]
    var errmsg = document.getElementsByClassName("errMsg")[0]
    errmsg.style.visibility = "";
    var whichgame = document.getElementBvId("inputGroupSelect01").value
    document.getElementsByClassName("custom-select")[0].style.color = "black"
    if(whichgame =="def"){
        document.getElementsByClassName("custom-select")[0].style.color = "red"
    var getYear = document.getElementBvId("winnerYear").value
    var getMonth = document.getElementById("winnerMonth").value
    var getDay = document.getElementById("winnerDay").value
    var bdav = getYear+ getMonth +getDav
    if (bday.length !== 8) {
        errmsg.style.visibility = "visible";
       return false;
    var months = [01,02,03,04,05,06,07,08,09,10,11,12]
    var lastArr = [31,28,31,30,31,30,31,30,31,30,31]
    if(getYear%4 ==0 && getYear%100 !=0 || getYear %400 ==0){
        lastArr[1] = 29
    var regForYear = /^{(1|2)}{1}[0-9]{3}$/
    var result1 = regForYear.test(getYear)
    if(result1 != true){
        errmsg.style.visibility = "visible";
        return false;
```

```
var ball colors = ["gold", "royalblue", "lightcoral", "cadetblue", "darkorange", "tomato", "mediumaquamarine"]
if (whichgame !="def"){
    goodluckDiv.innerHTML += "<h1 id='goodluckH1'>Your Lucky numbers for <span id='whichgameSpan'>"+whichg
   document.getElementById("goodluckH1").style.fontSize = "1.2rem"
    document.getElementById("goodluckH1").style.marginLeft = "8%"
    document.getElementById("whichgameSpan").style.color = "tomato"
if(whichgame == "LOTTO649" || whichgame == "BC49" ){
  var lotto ball = document.getElementsBvClassName("ball 49")
  var i = 0:
  var leng = random.length
  while(leng < 6){
     random[i] = Math.floor((Math.random()*49)+1)
     var newRandom = [...new Set(random)];
     leng = newRandom.length
     i++
   newRandom .sort(function(a, b){return a - b});
    goodluckDiv.innerHTML += "<div id='winwin'></div>"
   document.getElementById("winwin").style.width="90%"
    document.getElementById("winwin").style.textAlign="center"
   document.getElementById("winwin").style.marginLeft="1%"
    for(var i=0; i<newRandom.length; i++){</pre>
       document.getElementById("winwin").innerHTML += "<span class='ball 49'>"+ newRandom[i] +"</span>"
       document.getElementById("winwin").style.marginTop ="1%"
        document.getElementById("winwin").style.marginBottom ="2%"
```

2. TeamProjects - Summarizing N Environment

S AND E

01. JAVA SWING

BANK program for employees including Manager

S: JAVA Swing program which is possible simple transaction like deposit and withdrwal.

E: eclipse, Java, HTML5, Gradle, Window Builder, MySQL-Dbeaver, Exerd, chartFX 02. JSP

Web version BANK site

YN BANK

S: Extense of swing project.
Employee bank project structured as MVC MODEL2version.

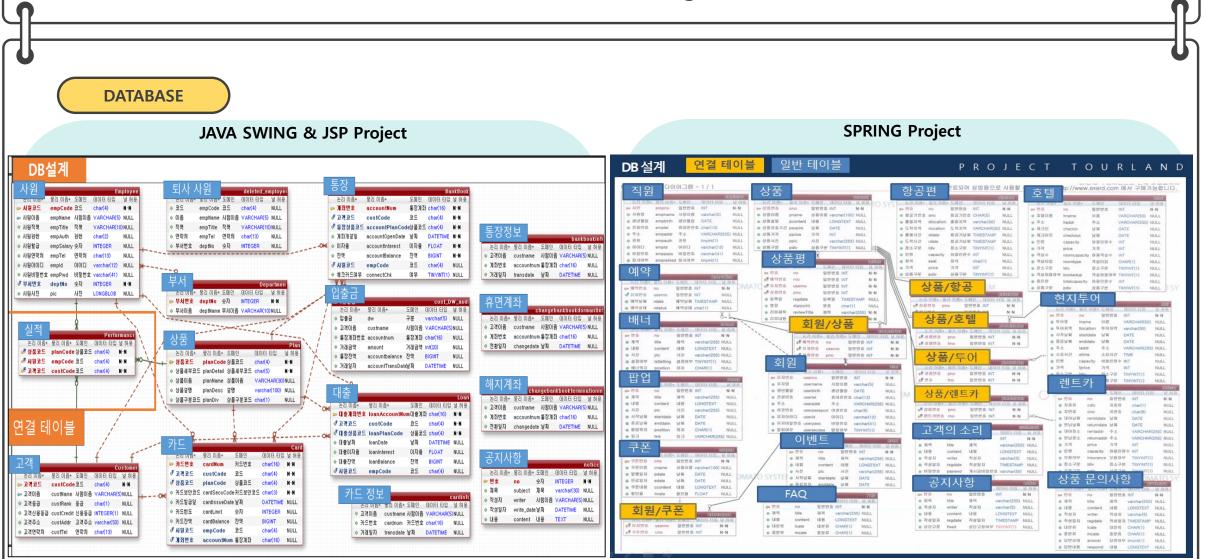
E: eclipse, Java, HTML5, CSS3, JavaScript(jQuery), AJAX, JSP, MySQL-DBeaver, eXERD, Github, Tomcat 8.5, 03. SPRING

Package exclusive tour agency mall TOURLAND

S: Using Spring Framework, Mall for Package products

E: Java, HTML5, CSS3, JavaScript(jQuery), AJAX, BootStrap3, Java, JSP-Spring, MySQL-DBeaver, MyBatis, eXERD, Github, Tomcat 8.5

2. TeamProjects



2-1. Swing Project-Summary

Project No.1 - Manager mode- managing Employees, all employees mode -support Customer service, deposit, withdrawal



>> Program

Bank program which has 2 way mode

>> How many Developers: 3

division of employee, customer, bank

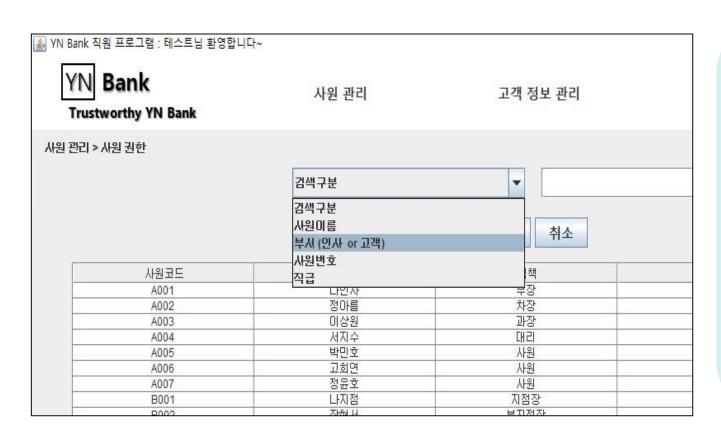
- >> Development aim:
 - Design of Database
 - Learning and adjustiing JAVA codes
 - Writing for Documents

(USECASE, UI Wireframe, Date Definition document, E.T.C.)

- Using gradle, experiencing team project by using git

2-1. Swing Project-Functional

2way verion for manager and all employees, related to managing employees like authority



>> Responsibilities

(Main)

-Ranking for best employee, changing ranking by performance

(Emp menu – Management, Information, Authority for Employee)

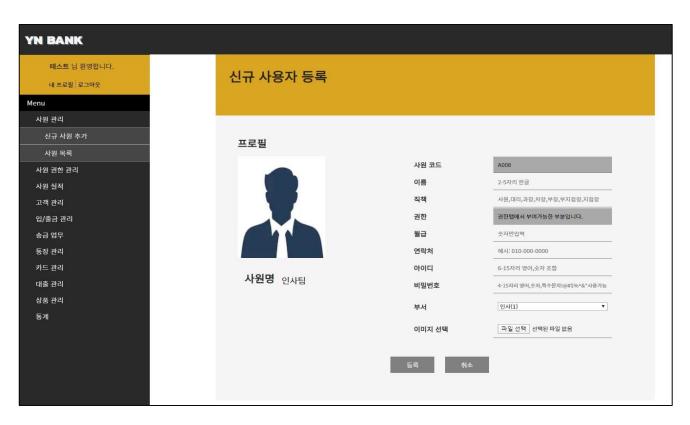
-Searching

(adding, modifying, deleting by popup menu)

- information (about Personal performance,
- Updating table info by searching
- >> Codes (GIT)
 - Entire codes
 - codes about Employee

2-2. JSP Project -Summary

Project No.2 – Using same database with swing project. JSP project that added E-interac, product enrollment function.



>> Program

은행직원용 프로그램 (관리자 모드, 일반사원 모드)

- >> How many developers: 3
- >> Development aim:

Using Model2 MVC Pattern

Focused on function more than design.

More meticulous codes by communication

Adding function to meet up customer's require

Modifiying database as required

Loading by AJAX

>> Web site:

move to YN BANK

2-2. JSP Project - Functional

Entire function of employee and customer, tarnsfer, list and paging on board



>> Responsibilities

(Main and E.T.C.)

- -Monthly Rank for employee
- -board paging and regular expression

<Employee—same with swing and adding >

- My profile when log in
- Searching performance by target product

(Customer)

- Managing customer, and financial product

(Duties)

- tansferring and E-interac to other banks

>> Codes (GIT)

- Entire codes
- Regular Expression codes

2-3. SPRING Project -Summary

Project No.3 – travel agent site based on same logic with shoppong mall. Exculusive packaging product. 3 steps for sale Reservation – payment – cofirm reservation by employee



>> Program

Management program for travel agency (manager page, customer page)

- >> How many developers: 4
- >> Development aim:

Combination of rentcar, hotel, tour with flight essential

Customer can choose their own option Make every database not using API

Create manager page by using bootstrap for efficiency

Every developer need to make board function.
Using proper API

>> Web site:

Move to Tourland

2-3. SPRING Project - Function

Connect customer web site and manager's page with some design - employee, customer, product, design



>> Responsibilities

(Employee)

-Enrollment, modifying, deleting

(Customer)

- Sign up (Daum API for korea Address)
- Searching

(Product)

- Rentcar

(Design)

- Popup
- Management main banner
- Product enrollemnt page by CK edior
- Floating banner for recent view

2-3. SPRING Project - function

Event, Board, Searching



(Event)

- Event enrollment, modifying, deleting
- seperated page by event time

(Board)

- Created customer's opinion board
- Connect every Board in customer websiteand Paging(FAQ DIV toggle)

(E,T,C,)

- Create packaging database for testing
- Main Searching (level 1, level2)

>> Codes (GIT)

- Entire codes

2-3. SPRING Project – code examples

Manager controller file upload codes

```
omerController.java
                   ManagerController.java 
 @ResponseBody
 @RequestMapping(value = "displayFile/(whichOne)", method = RequestMethod.GET)
 public ResponseEntity<br/>byte[]> displayFile(String filename,@PathVariable("whichOne") String choice,
     ResponseEntity<br/>byte[]> entity = null;
     String path = null;
     if(choice.equals("banner")) {
         path = uploadPathBanner;
     if (choice.equals("popup")) {
         path = uploadPathPopup;
     if (choice.contentEquals("event")) {
         path = uploadPathEvent;
     if (choice.contentEquals ("product") || choice.contentEquals ("productSmall")) {
         path = uploadPathProduct;
     if (choice.equals("practice")) {
         path= "/tourland/resources/images/practice";
     System.out.println("displayFile-----"+ filename);
     InputStream in = null;
     try (
         System.out.println("path=="+path);
         if (choice.contentEquals ("productSmall")) {
              if(filename!="") filename = filename.substring(0, 12) + "s " + filename.substring(12);
```

```
tomerController.iava
                  in = new FileInputStream(path + filename); // 파일개체는 오류처리하라고..
         String format = filename.substring(filename.lastIndexOf(".") + 1); // 파일 확장자 뽑아내기 점 빼고
         MediaType mType = null;
         if (format.equalsIgnoreCase("png")) {
             mType = MediaType. IMAGE PNG;
         } else if (format.equalsIgnoreCase("jpg") || format.equalsIgnoreCase("jpeg")) {
             mType = MediaType. IMAGE JPEG;
         } else if (format.equalsIgnoreCase("GIF")) {
             mType = MediaType. IMAGE GIF;
         HttpHeaders headers = new HttpHeaders();
         headers.setContentType(mType);
         entity = new ResponseEntity<byte[]>(IOUtils.toByteArray(in), headers, HttpStatus.OK);
         in.close();
     } catch (Exception e)
         e.printStackTrace();
         entity = new ResponseEntity<br/>
byte[]>(HttpStatus.BAD REQUEST);
     return entity;
```

2-3. SPRING Project – code examples

Popup cookie codes

```
entList.isp
            🖹 tourlandMain.jsp 🔀
                                                                          🞵 CustomerController.java 💢 🎵 ManagerController.java
 $(function() {
                                                                            204@ @RequestMapping(value="tourlandMain", method=RequestMethod.GET)
                                                                                  public String tourlandMain (Model model, HttpServletResponse response, HttpSer
     if ($.cookie("popup1") != null) {
                                                                                  //쿠키불러오기
         $("#popup1").css("display", "block");
                                                                            207
                                                                                      Cookie[] currentC = request.getCookies();
                                                                            208
                                                                                      if(currentC != null) {
                                                                            209
                                                                                      for(Cookie c : currentC) {
     if ($.cookie("popup2") != null) {
                                                                                           if(c.getName().contentEquals("currentProduct")) {
         $("#popup2").css("display", "block");
                                                                            211
                                                                                               ProductVO currentP = new ProductVO();
                                                                            212
                                                                                               currentP.setPno(Integer.parseInt(c.getValue()));
     // alert($.cookie("exeptFor3days"));
                                                                                               ProductVO dbcurrentP = productService.productByNo(currentP);
                                                                            213
     if ($.cookie("exeptFor3days") == "none") {
                                                                            214
                                                                                               model.addAttribute("currentProduct".dbcurrentP);
         $("#popup1").css("display", "none");
                                                                            215
                                                                                           }if(c.getName().contentEquals("currentProduct2")) {
                                                                                               ProductVO currentP = new ProductVO();
                                                                            216
     if ($.cookie("exeptFor3days2") == "none") {
                                                                                               currentP.setPno(Integer.parseInt(c.getValue()));
                                                                            217
         $("#popup2").css("display", "none");
                                                                            218
                                                                                               ProductVO dbcurrentP = productService.productBvNo(currentP);
     //팝업 버튼 누르면 팝업창 사라지기 popup1
                                                                            219
                                                                                               model.addAttribute("currentProduct2",dbcurrentP);
                                                                            220
                                                                                           }if(c.getName().contentEquals("currentProductPrice")) {
     $(".popupBtnClose").click(function() {
                                                                                               String currentProductPrice = c.getValue();
         if ($(".expireCK").prop("checked") == true) {
             $.cookie("exeptFor3days", "none", {
                                                                            222
                                                                                               model.addAttribute("currentProductPrice",currentProductPrice);
                                                                            223
                                                                                           }if(c.getName().contentEquals("currentProductPrice2")) {
                 expires : 3,
                                                                                               String currentProductPrice2 = c.getValue();
                 path : "/"
                                                                            225
                                                                                               model.addAttribute("currentProductPrice2",currentProductPrice2);
             1);
                                                                            226
                                                                            227
         $(this).parent().parent().css("display", "none");
                                                                            228
                                                                            229
     $(".popupBtnClose2").click(function() {
         if ($(".expireCK2").prop("checked") == true) {
                                                                            230
                                                                            231
                                                                                      PopupVO popup1 = popupService.setPopup("L");
             $.cookie("exeptFor3days2", "none", {
                                                                            232
                                                                                      if (popupl != null) {
                 expires : 3,
                                                                            233
                                                                                          long settingDays = (popupl.getEnddate().getTime()- popupl.getStartdat
                 path : "/"
                                                                            234
                                                                                          long settingDays2 = Math.abs(settingDays/(24*60*60*1000));
             1);
                                                                                          Cookie cookie = new Cookie ("nonun1" nonun1 get Dic()):
```

4. Wanna be A developer likes..

총점

diligent

enthusiastically

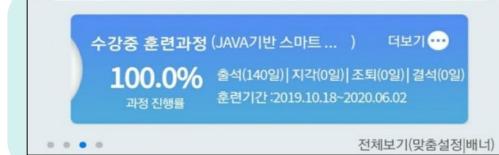
Self- motivated

learn

collaborated

positive

Developer



attendance record for about 8months ITprogramNO Absence, NO lateness with any reason

점수

82.5점

| 2020년 정기 | 기사 1,2회 (필기 |) - 정보처리기사 | 종목 | 회차 | 차수 | 시험구분 | 수험번호 | 시험일 | 합격여부 |
|----------|-------------|------------|-----------|-------|----|--------------------------|---------------------|-----------------|------|
| 종목(자격) | 합격여부 | 2 | | | | | | 2020-06-13 | |
| | 합격 | 소프트 | 리눅스마스터 2급 | 2002회 | 2 | 정기 | LMS-2002- 002434 | ~ 2020-06-13 | 합격 |
| 정보처리기사 | | 소프트 | | 7.01 | | | | | |
| | | 데이터베이스구축 | | 95 | 5 | | | | |
| | | 프로그래밍언어활용 | | 80 | | >> | | | |
| | | 정보시스템구축관리 | | 80 | | Obtain some certificates | | | |
| | | | | | 10 | | | | |

405

