

## <app4 to restful app>

### 1. app\_restful\_t (백단 완성)

- Controller 구성: view 페이지로 이동할 필요 없이, 데이터 처리 기능만 수행
- 1) postman에서 테스트(커맨드 객체로 설정한 값은 해당 이름으로 넣어줘야 함. p.name, f...)
- 2) MemberVO에서 fk 설정 삭제 # 이 방법을 쓰는 게 overflow 안 발생해서 더 낫다
  - MemberController의 판매자로 검색 {seller} 메서드 ProductController로 이동
    - product repository 에 findbyseller 등록
    - product service에 getbyseller 등록
  - MemberController의 주문타입별 검색 메서드 OrderController로 이동
    - order repository 에 findbyconid 등록
    - order service에 getbycon\_id 등록(주문자 id로 주문 검색)
  - product controller => listbyseller 수정
  - order controller => myorderlist 수정

### • 한글 인코딩 방법

server.xml

```
59 Java AJP Connector: /docs/config/ajp.html
60 APR (HTTP/AJP) Connector: /docs/apr.html
61 Define a non-SSL/TLS HTTP/1.1 Connector on port 7878
62 -->
63 <Connector connectionTimeout="20000" port="8989" protocol="HTTP/1.1" redirectPort="8443" URIEncoding="utf-8"/>
64 <!-- A "Connector" using the shared thread pool-->
65 <!--
66 <Connector executor="tomcatThreadPool"
67 port="7878" protocol="HTTP/1.1"
-->
```

~.html

```
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
<title>Insert title here</title>
<script src="https://cdn.jsdelivr.net/npm/vue"></script>
<script src="https://unpkg.com/axios/dist/axios.min.js"></script>
```

### • cross origin 에러: <https://velog.io/@wlsdud2194/cors>

```
✖ Access to XMLHttpRequest at 'http://localhost:8888/product/index.html:1
s/itemsby/aaa' from origin 'http://localhost:8989' has been blocked by
CORS policy: No 'Access-Control-Allow-Origin' header is present on the
requested resource.
```

```
index.html indexvue.js OrderController.java
1 package com.example.app2.Controller;
2
3 import java.util.ArrayList;
18
19 @RestController
20 @CrossOrigin(origins="*")
21 public class OrderController {
22     @Autowired
```

### 2. clientApp2 (뷰단)

<b>encore-shop</b>	
<div>CONSUMER 메뉴</div> <div>로그아웃</div>	구매페이지
	상품번호 52
	상품명 candy
	상품가격 1000
모든 상품 목록	주문수량 0
	이미지
	상세설명
	판매자
1 phone 300000	modules패키지(폴더)
52 candy 1000	- __init__.py
53 ipad 500000	- ui패키지(폴더)
	- __init__.py
	- 모듈1(f1함수 정의)
	- 모듈2(f2함수 정의)

- 1) index.html

```
<meta http-equiv="Content-Type" content="text/html; charset= utf-8">
<title>Insert title here</title>
<script src="https://cdn.jsdelivr.net/npm/vue"></script>
<script src="https://unpkg.com/axios/dist/axios.min.js"></script>
</head>
<body>

<table id="top" style="width:500px" border="1">
<tr>
<td colspan="2"><h2>encore-shop</h2></td>
</tr>
<tr>
<td id="left" style="width:150px;height:400px">
<div v-if="logstat">
<h3>login</h3>
<input v-model="id" placeholder="id를 입력하십시오 "><br/>
<input v-model="pwd" placeholder="pwd를 입력하십시오 "><br/>
<button v-on:click="login">로그인</button>
<a href="join.html">회원가입</a>
</div>
<div v-else>
{{logtypes}} 메뉴
<button v-on:click="logout">로그아웃</button>
</div>
</td>
<td id="right" style="width:350px;height:400px">
<div v-if="liststat">
<h3>{{title}}</h3>
<table>
<tr><th>상품번호</th><th>상품명</th><th>상품가격</th></tr>
<tr v-for="p in plist">
<td>{{ p.num }}</td>
<td>{{ p.name }}</td>
<td>{{ p.price }}</td>
<td><button v-on:click="go(p.num)">상세페이지</button></td>
</tr>
</table>
</div>
</td>
</tr>
</table>
<script type="text/javascript" src="./indexvue.js">
</script>
</body>
```

```

new Vue({
  el: "#top",
  data: {
    id: '',
    pwd: '',
    logstat: true,
    logtypei: '',
    logtypes: '',
    title: '',
    plist: [],
    liststat: false,
    p: null
  },
  created: function() {
    this.init();
  },

```

#axios 없어도 됨. this.id == null이면 get 실행 x

```

methods: {
  init: function() {
    this.id = sessionStorage.getItem("id");
    if(this.id != null) {
      this.logstat = false;
      this.liststat = true;
      this.logtypei = sessionStorage.getItem("typei");
      this.logtypes = sessionStorage.getItem("types");
      if(this.logtypei == '0') {
        this.title = '모든 상품 목록';
        this.all_list();
      } else {
        this.title = '내 상품 목록';
        this.my_list();
      }
    } else {
      this.logstat = true;
      this.liststat = false;
    }
  },
  login: function() {
    axios.get('http://localhost:8888/members', {params: {'id': this.id, 'pwd': this.pwd}})
    .then(res => {
      if(res.data.result) {
        sessionStorage.setItem("id", this.id);
        sessionStorage.setItem("typei", res.data.typei);
        sessionStorage.setItem("types", res.data.types);
        this.init();
      }
    });
  },

```

```

  logout: function() {
    sessionStorage.clear();
    this.id = '';
    this.pwd = '';
    this.logtypei = '';
    this.logtypes = '';
    this.plist = [];
    this.init();
  },
  my_list: function() {
    axios.get('http://localhost:8888/products/itemsby/' + this.id)
    .then(res => {
      if(res.status == 200) {
        if(res.data.result == true) {
          this.plist = res.data.data;
        }
      } else {
        alert("네트워크 연결 안됨");
      }
    })
  },

```

```

    all_list:function(){
      axios.get('http://localhost:8888/products')
        .then(res=>{
          if(res.status==200){
            if(res.data.result==true){
              this.plist = res.data.data;
            }
          }else{
            alert("네트워크 연결 안됨");
          }
        })
    },
    go:function(num){
      alert(this.link)
      location.href="details0.html?num="+num
    }
  }
});

```

- 예약어를 이름으로 지정할 경우 error ex. prod(x) plist(o)

```

my_list:function(){
  axios.get('http://localhost:8888/products/itemsby/'+this.id)
    .then(res=>{
      if(res.status==200){
        if(res.data.result==true){
          this.plist = res.data.data;
        }
      }else{
        alert("네트워크 연결 안됨");
      }
    })
}

```

### 3) details0.html

```

<!DOCTYPE html>
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
<title>Insert title here</title>
<script src="https://cdn.jsdelivr.net/npm/vue"></script>
<script src="https://unpkg.com/axios/dist/axios.min.js"></script>
</head>
<body>
<h3>구매 페이지</h3>
<div id="info">
<table border="1">
<tr><th>상품번호</th><td>{{p.num}}</td></tr>
<tr><th>상품명</th><td>{{p.name}}</td></tr>
<tr><th>상품가격</th><td>{{p.price}}</td></tr>
<tr><th>주문수량</th><td><input v-model="ordernum"></td></tr>
<tr><th>이미지</th><td></td></tr>
<tr><th>상세설명</th><td>{{p.info}}</td></tr>
<tr><th>판매자</th><td>{{p.seller.id}}</td></tr>
</table>
</div>
<script type="text/javascript" src="./details.js"></script>
</body>
</html>

```

### 4) detail.js

```

new Vue({
  el: "#info",
  data: {
    num: '',
    id: '',
    typei: '',
    ordernum: 0,
    p: {}
  },
  created: function() {
    this.num = location.search.split('=')[1];
    axios.get('http://localhost:8888/products/' + this.num)
      .then(res => {
        //alert("res");
        if(res.status == 200) {
          //alert(res.data.result);
          if(res.data.result == true) {
            this.p = res.data.data;
            //alert(this.p.name);
          }
        } else {
          alert("네트워크 연결 안됨");
        }
      })
      .catch(error => {
        alert("error");
        alert(error.response.data);
      })
  },
  methods: {
  }
})

```

## - js파일 생성

