

(디지털 컨버전스) 스마트 콘텐츠와 웹 융합 응용 SW개발자 양성과정

훈련기간 : 2021.05.07 ~ 2021.12.08

리스트 페이지

디버깅버튼을 누르고 빨간색표시를 누른다. 맵핑된 url을 요청해본다. 값이 잘들어오는 지 확인해본다.

```

V StudentsListPage.vue
<template>
  <div>
    <h1>StudentList</h1>
    <router-link :to="{name: 'StudentRegisterPage'}" class="nav-link">
      등록</router-link>
    <StudentsListForm v-if="students" :students="students"/>
    <p v-else>보드없음</p>
    <student-detail />
  </div>
</template>

<script>
import { mapState, mapActions } from 'vuex'
import StudentsListForm from '../components/StudentsListForm.vue'
import StudentDetail from '../components/StudentDetail.vue'
export default {
  components: {
    StudentsListForm,
    StudentDetail
  },
  computed: {
    ...mapState('student', ['students'])
    // {
    //   // students: state => state.students
    // }
  },
  methods: {
    ...mapActions('student', ['requestStudentList'])
  },
  mounted() {
    this.requestStudentList()
  }
}

```

```

V StudentsListForm.vue
<template>

  <table border="2">

    <tr width="150">
      <th width="100">학생번호</th>
      <th width="100">학점</th>
      <th width="150">학생이름</th>
      <th width="200">날짜</th>
    </tr>
    <tr v-if="!students || (Array.isArray(students) && students.length === 0)">
      <td colspan="4"> 비어있음</td>
    </tr>
    <tr v-else v-for="student in students" :key="student.studentNo" @click="studentGrade(student)">
      <td> {{ student.studentNo}}</td>
      <td> {{ student.score}}</td>
      <td> {{ student.name}}</td>
      <td> {{ student.reg_Date}}</td>
    </tr>
  </table>
</template>

<script>
import EventBus from '../eventBus.js'
export default {
  props: {
    students: {
      type: Array,
    },
  },
  methods: {
    studentGrade(payload) {
      EventBus.studentGrade(payload)
    }
  }
}

```

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StudentList

학생번호	학점	학생이름	날짜	등록
54	4	박파이썬	2021-07-25	
53	3	C언어	2021-07-25	
52	2	김자바	2021-07-25	

학생이름 : 박파이썬

성적 : a

전공 : 파이썬

```

JS eventBus.js
import Vue from 'vue'

const EventBus = new Vue({
  methods: {
    studentGrade(payload) {
      this.$emit('receiveGrade', payload)
    }
  }
})

export default EventBus

```

```

V StudentDetail.vue
<template>
  <div v-if="grade">
    <h1>{{ "학생이름 : " + this.name }}</h1>
    <h1>{{ "성적 : " + this.grade }} </h1>
    <h1>{{ "전공 : " + this.major }} </h1>
  </div>
</template>

<script>
import EventBus from '../eventBus.js'

export default {
  data() {
    return {
      grade: '',
      name: '',
      major: ''
    }
  },
  created: function() {
    EventBus.$on('receiveGrade', (payload) => {
      const { grade, name, major } = payload
      this.grade = grade
      this.name = name
      this.major = major
    })
  }
}

```

```

V StudentRegisterForm.vue
<template>
  <div>
    <student-register-form />
  </div>
</template>

<script>
import StudentRegisterForm from '../components/StudentRegisterForm.vue';

export default {
  components: { StudentRegisterForm },
}
</script>

<style>

</style>

```

store

```
modules
  student.js
  index.js

state: {
  students: []
},
mutations: {
  //리스트
  REQUEST_STUDENT_LIST(state, payload) {
    state.students = payload
  }
},
actions: {
  //리스트
  requestStudentList(context) {
    axios.get('http://localhost:7777/school/lists')
      .then(res => {
        context.commit('REQUEST_STUDENT_LIST',res.data)
      })
      .catch(err => {
        this.$handleError(err)
        alert(err + "에러")
        router.go(-1)
      })
  },

  //등록
  studentRegister({commit}, payload) {
    const { major, name, score } = payload
    alert(score)

    if(parseInt(score) >= 5 || parseInt(score) <= 0) {
      alert("학점은 1~4까지만 입력하세요(소숫점x)")
      return;
    }
    axios.post('http://localhost:7777/school/register', {name, major, score})
      .then(res => {
        alert("성공" + res)
        router.go(-2)
        // router.push({ name: "StudentListPage" })
        commit()
      })
      .catch(err => {
        this.$handleError(err)
        alert(err + "빈칸이 존재합니다.")
        router.go(-2)
      })
  }
}
```

```
import Vue from 'vue'
import Vuex from 'vuex'

import student from '../store/modules/student'

Vue.use(Vuex)

export default new Vuex.Store({
  modules: {
    student
  }
})
```

등록부분

```
StudentRegisterForm.vue

<div>
  <table border="1">
    <tr height="50">
      <th width="150" >전공</th>
      <td><textarea cols="50" v-model="major"> </textarea></td>
    </tr>
    <tr height="50">
      <th width="150" >학생이름</th>
      <td><textarea cols="50" v-model="name"> </textarea></td>
    </tr>
    <tr height="50">
      <th>학점</th>
      <td><input type="number" v-model="score"></td>
    </tr>
  </table>
  <form >
    <button type="submit" @click="onSubmit">제출</button>
  </form>
</div>
```

Spring

스프링에서 점수 처리

```
public void create(Student student) throws Exception {
    // 학점 처리 int형으로 받아서 소수점오류발생
    switch (student.getScore()) {
        case 1:
            student.setGrade("f");
            break;
        case 2:
            student.setGrade("d");
            break;
        case 3:
            student.setGrade("b");
            break;
        case 4:
            student.setGrade("a");
            break;
        default:
            return;
    }

    String query = "insert into vuestudents (name, major, score, grade) values (?, ?, ?, ?)";

    jdbcTemplate.update(query, student.getName(), student.getMajor(), student.getScore(), student.getGrade());
}
```

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전공	<input type="text"/>
학생이름	<input type="text"/>
학점	<input type="text"/>
제출	