**Section 33 – Handling User Input With Forms**

Chapter 475 – Chapter 484

1. We can use v-model=”” to fill the label value based on inputted text like below.

 <div class="form-group">

                        <label for="email">Mail</label>

                        <input

                                type="text"

                                id="email"

                                class="form-control"

                                v-model="email">

</div>

<p>Mail: {{ email }}</p>

<script>

export default {

    data() {

        return {

            email: ''

        }

    }

}

</script>

1. We can fill default value in text area and keep the style like below.

<div class="row">

<div class="col-xs-12 col-sm-8 col-sm-offset-2 col-md-6 col-md-offset-3 form-group">

<label for="message">Message</label><br>

<!-- Interpolation between <textarea>{{ test }}</textarea> doesn't work!-->

<textarea

id="message"

rows="5"

class="form-control"

v-model="message"></textarea>

</div>

</div>

<script>

export default {

    data() {

        return {

            userData: {

                email: '',

                password: '',

                age: 27

            },

            message: 'A new text'

        }

    }

}

</script>

<div class="panel-body">

<p>Mail: {{ userData.email }}</p>

<p>Password: {{ userData.password }}</p>

<p>Age: {{ userData.age }}</p>

<p style="white-space: pre">Message: {{ message }}</p>

<p><strong>Send Mail?</strong></p>

<ul>

<li></li>

</ul>

<p>Gender:</p>

<p>Priority:</p>

<p>Switched:</p>

</div>

1. Handling A Form

App.vue

<template>

    <div class="container">

        <form>

            <div class="row">

                <div class="col-xs-12 col-sm-8 col-sm-offset-2 col-md-6 col-md-offset-3">

                    <h1>File a Complaint</h1>

                    <hr>

                    <div class="form-group">

                        <label for="email">Mail</label>

                        <input

                                type="text"

                                id="email"

                                class="form-control"

                                :value="userData.email"

                                @input="userData.email = $event.target.value">

                                <!-- v-model="userData.email" -->

                    </div>

                    <div class="form-group">

                        <label for="password">Password</label>

                        <input

                                type="password"

                                id="password"

                                class="form-control"

                                v-model="userData.password">

                        <p>{{ userData.password }}</p>

                    </div>

                    <div class="form-group">

                        <label for="age">Age</label>

                        <input

                                type="number"

                                id="age"

                                class="form-control"

                                v-model="userData.age">

                    </div>

                </div>

            </div>

            <div class="row">

                <div class="col-xs-12 col-sm-8 col-sm-offset-2 col-md-6 col-md-offset-3 form-group">

                    <label for="message">Message</label><br>

                    <!-- Interpolation between <textarea>{{ test }}</textarea> doesn't work!-->

                    <textarea

                            id="message"

                            rows="5"

                            class="form-control"

                            v-model="message"></textarea>

                </div>

            </div>

            <div class="row">

                <div class="col-xs-12 col-sm-8 col-sm-offset-2 col-md-6 col-md-offset-3">

                    <div class="form-group">

                        <label for="sendmail">

                            <input

                                    type="checkbox"

                                    id="sendmail"

                                    value="SendMail"

                                    v-model="sendMail"> Send Mail

                        </label>

                        <label for="sendInfomail">

                            <input

                                    type="checkbox"

                                    id="sendInfomail"

                                    value="SendInfoMail"

                                    v-model="sendMail"> Send Infomail

                        </label>

                    </div>

                </div>

            </div>

            <div class="row">

                <div class="col-xs-12 col-sm-8 col-sm-offset-2 col-md-6 col-md-offset-3 form-group">

                    <label for="male">

                        <input

                                type="radio"

                                id="male"

                                value="Male"

                                v-model="gender"> Male

                    </label>

                    <label for="female">

                        <input

                                type="radio"

                                id="female"

                                value="Female"

                                v-model="gender"> Female

                    </label>

                </div>

            </div>

            <div class="row">

                <div class="col-xs-12 col-sm-8 col-sm-offset-2 col-md-6 col-md-offset-3 from-group">

                    <label for="priority">Priority</label>

                    <select

                            id="priority"

                            class="form-control"

                            v-model="selectedPriority">

                        <option

                            v-for="(priority, index) in priorities"

                            :key="index"

                            >{{ priority }}</option>

                    </select>

                </div>

            </div>

            <div class="row">

                <div class="col-xs-12 col-sm-8 col-sm-offset-2 col-md-offset-3">

                    <app-switch v-model="dataSwitch"></app-switch>

                </div>

            </div>

            <hr>

            <div class="row">

                <div class="col-xs-12 col-sm-8 col-sm-offset-2 col-md-6 col-md-offset-3">

                    <button

                        class="btn btn-primary"

                        @click.prevent="submitted">Submit!

                    </button>

                </div>

            </div>

        </form>

        <hr>

        <div class="row" v-if="isSubmitted">

            <div class="col-xs-12 col-sm-8 col-sm-offset-2 col-md-6 col-md-offset-3">

                <div class="panel panel-default">

                    <div class="panel-heading">

                        <h4>Your Data</h4>

                    </div>

                    <div class="panel-body">

                        <p>Mail: {{ userData.email }}</p>

                        <p>Password: {{ userData.password }}</p>

                        <p>Age: {{ userData.age }}</p>

                        <p style="white-space: pre">Message: {{ message }}</p>

                        <p><strong>Send Mail?</strong></p>

                        <ul>

                            <li v-for="(item, index) in sendMail" :key="index">{{ item }}</li>

                        </ul>

                        <p>Gender: {{ gender }}</p>

                        <p>Priority: {{ selectedPriority }}</p>

                        <p>Switched: {{ dataSwitch }}</p>

                    </div>

                </div>

            </div>

        </div>

    </div>

</template>

<script>

import Switch from './Switch.vue';

export default {

    data() {

        return {

            userData: {

                email: '',

                password: '',

                age: 27

            },

            message: 'A new text',

            sendMail: [],

            gender: 'Male',

            priorities: ['High', 'Medium', 'Low'],

            dataSwitch: true,

            isSubmitted: false

        }

    },

    methods: {

        submitted() {

            this.isSubmitted = true;

        }

    },

    components: {

        appSwitch: Switch

    }

}

</script>

<style>

</style>

Switch.vue

<template>

    <div>

        <div

                id="on"

                @click="switched(true)"

                :class="{active: value}">On</div>

        <div

                id="off"

                @click="switched(false)"

                :class="{active: !value}">Off</div>

    </div>

</template>

<script>

    export default {

        props: ['value'],

        methods: {

            switched(isOn) {

                this.$emit('input', isOn);

            }

        }

        // data() {

        //     return {

        //         isOn: true

        //     };

        // }

    }

</script>

<style scoped>

    #on, #off {

        width: 40px;

        height: 20px;

        background-color: lightgray;

        padding: 2px;

        display: inline-block;

        margin: 10px -2px;

        box-sizing: content-box;

        cursor: pointer;

        text-align: center;

    }

    #on:hover, #on.active {

        background-color: lightgreen;

    }

    #off:hover, #off.active {

        background-color: lightcoral;

    }

</style>