

SIT120 - Introduction to Responsive Web Apps

Week 6: Vue.js Framework (Handling User Inputs)

Overview:

In this week, you will gain a better understanding of Vue.js Framework. You will understand how to handle user inputs and form Input bindings. You will know how binding and modifiers work. Please write 1-2 sentences reflection for each task.

Note: All the tasks can be written in one file/project, or you can create a new Vue application for each task. There's no restriction.

List of Tasks:

Pass Task 1 – Using *v-model* directive for Handling User Input (Form Input Bindings)

Instruction: When user inserts some values in form input, v-model directive can be used to sync the state between the form input element and the corresponding state in the JavaScript. V-model directive helps in automatically accommodate that value in local data. Let's try to implement this using v-model. Please see Form Input Bindings — Vue.js (vuejs.org) for detail. For hint, please see the week 6 task 1 video tutorial.

Task to submit: Create a Vue application with two different types of input e.g., password and email. Below the input tag you must display the value inside input tag. For example, a <p> tag below the input tag should display the input value of password input. So, when you change the password in input tag, then the <p> tag content should also change and display the password. Write 1-2 sentences reflection.

Pass Task 2 – Checkbox in your project

Instruction: Please visit this [link](#) to understand it more clearly. After that, Apply and implement a similar concept in your project. Please see the week 6 task 2 video tutorial for hints.

Task to submit: Create a Vue application with checkbox. Below the input you must display the checked item on the page. Write 1-2 sentences reflection

Credit Task 3 – Dynamic options rendering using v-for

Instruction: To understand about it please visit this [link](#). After that, please implement dynamic rendering with v-for in your project. For more detail about it, please see the week 6 task 3 video tutorial.

Task to submit: Create a Vue application with v-for, <select> and <option> tag. Below the input you must display the selected value on the page. Write 1-2 sentences reflection