

SIT120 - Introduction to Responsive Web Apps

Week 7: Registration, Props, Custom Events, Dynamic/Async

Overview:

This week, you will gain a better understanding of the Vue.js component. How Component (Registration, Props, Custom Events, Dynamic/Async) works? You will also learn and start coding Vue Components. You can watch Vue.js Components Video on Vue School by using this [link](#).

List of Tasks:

Pass Task 1 – Component Registration

Instruction: Components are independent and reusable bits of code. In your project, any section that can be used in the future should be a component, e.g. a form. The Vue component registration document is here: [this link](#). Please see the **week 7 task 1 video tutorial** for hints.

Task to submit: Create a Vue application with at least 2 components. (Local and global register) Write 1-2 sentences of reflection

Credit Task 2 – Coding Props

Instruction: Prop is a way to pass the data from the parent component to the child component. Learning Props with the help of your tutors. The document for props is here: [link](#). Try to answer, how can we pass the properties of an Object? For hints, please see the **week 7 task 2 video tutorial**.

Task to submit: Create a Vue application with at least one prop. Hint: you need at least one child component to do this. Write 1-2 sentences of reflection

Distinction Task 3 – Custom Events

Instruction: Events are from the child component to the parent component. To understand custom events, visit [here](#). Try to implement it in your project. To understand more clearly please see the **week 7 task 3 video tutorial**.

Task to submit: Create a Vue application with at least one event. Hint: you need components to do this. Write 1-2 sentences of reflection

Distinction Task 4 – Vue Slots - coding Named Slots

Instruction: slots allow you directly pass HTML elements instead of data (Props), it's very helpful when you want different elements in the same component. Please visit the Vue document from here: [link](#).

Task to submit: Create a Vue application with at least two Slots. Each slot should contain a different HTML element. Hint: you need components to do this. Write 1-2 sentences of reflection