SIT120 - Introduction to Responsive Web Apps

Credit Task 1

1 – Exploring Vue 3:
Create a webpage to experiment and implement following Vue 3 concepts.
   a. Conditional Rendering: v-if, v-else, v-show, v-for, v-if with v-for etc. Hint
   b. Form Input Handlings: v-model. Hint

2 – Todo App: Create a Todo app using **HTML, CSS and Vue 3** (*Separate from above task*). The app should have following features:

   a. Adding Todo Items: Users should be able to add new Todo items.
   b. Deleting Completed Tasks: Once a task has been marked as completed, users should be able to remove it from the list.
   c. CSS Enhancements: The app should also be aesthetically pleasing and user-friendly. This will involve using CSS. You can consider design enhancements like transitions or animations, hover effects, color schemes, responsive design etc.
   d. No Third-Party Libraries: You should not use any third-party libraries or frameworks.

Note: *Remember, the aim is to build an application that is not only functional but also provides a great user experience. Although instructions are provided, students are encouraged to be creative. Good luck with your Vue 3 exploration and application building!*

3 – Reflection: Write your reflections on the above tasks. Also, briefly explain which Vue 3 concepts you implemented in the Todo App (approx. 150-350 words).

Submission Details:
   1. Make sure you follow these instructions strictly.
   2. All tasks need to follow these guidelines:
      i. GitHub Repo is a MUST. No zip files will be accepted. Please maintain one task sheet submissions in one GitHub Repo. Do not group all task sheets in one GitHub repo. (If you are keeping repo private then add tutors as collaborators)
      ii. Demo video MUST be submitted. It MUST show website/app running successfully. Share your video through Deakin air, SharePoint, or unlisted YouTube link etc.
      iii. Provide direct link to both GitHub repo and video separately.
      iv. Submit PDF report including reflections, screenshots etc.
   3. Plagiarism is unacceptable.
   4. Due date: Please follow OnTrack due date.