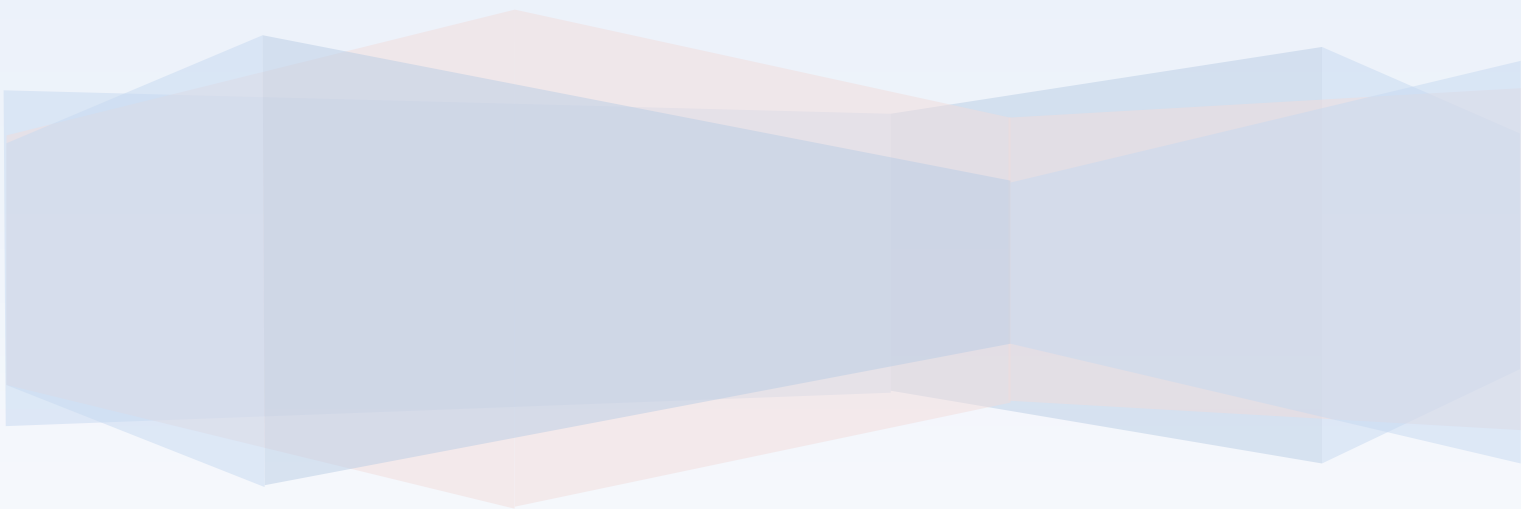


# COS30043 – Interface Design and Development

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*Learning Summary Report*

TRAN QUOC DUNG (103803891)



## Self-Assessment Details

The following checklists provide an overview of my self-assessment for this unit.

	Pass (D)	Credit (C)	Distinction (D)	High Distinction (HD)
Self-Assessment (please tick)			X	

### *Self-assessment Statement*

	Included (please tick)
Learning Summary Report	X
Use of Bootstrap that demonstrate coverage of core concepts	X
Use of VueJS that demonstrate coverage of core concepts	X

### *Minimum Pass Checklist*

	Included (please tick)
Progress on Credit Tasks	X
All Pass Tasks signed off	X

### *Minimum Credit Checklist, in addition to Pass Checklist*

	Included (please tick)
Credit and Pass Tasks done, and Progress on Distinction Tasks.	X
Custom program meets Distinction criteria	X
Design report with screenshots for custom program	X

### *Minimum Distinction Checklist, in addition to Credit Checklist*

	Included (please tick)
Research report, and associated pieces	
Custom project meets HD requirements	

### *Minimum High Distinction Checklist, in addition to Distinction Checklist*

## Declaration

I declare that this portfolio is my individual work. I have not copied from any other student's work or from any other source except where due acknowledgment is made explicitly in the text, nor has any part of this submission been written for me by another person.

Signature: \_\_\_\_\_ Tran Quoc Dung

## Introduction

This report summarises what I learnt in COS30043 Interface Design and Development. It includes a self-assessment against the criteria described in the unit outline, a justification of the pieces included details of the coverage of the unit's intended learning outcomes, and a reflection on my learning.

## Overview of Pieces Included

This section outlines the pieces that I have included in my portfolio...

1. **Cost Calculator Web Application:** This section includes basic understanding from CSS and Vue JS framework (or other similar frameworks)
2. **Status Posting App (for comments, feedback, etc...):** This part helps uploading input, contains fundamental knowledge about Components, applying in Vue JS in tutorial lessons. Routers can also be utilized in advanced.
3. **Form Validations (supported by Vuetify):** Getting accustomed to Form inputs, and how validations are made throughout users' implementation by using Vue JS.
4. **Single Page Application:** Using paginate supported libraries, along with foregoing understanding of Vue JS, to develop webpages logically.

## Coverage of the Intended Learning Outcomes

This section outlines how the pieces I have included demonstrate the depth of my understanding in relation to each of the unit's intended learning outcomes.

### ILO 1: Apply Design

The following pieces demonstrate my ability in relation to this ILO:

- Understand how Bootstrap, a popular interface library is applied to our local webpage, also with other familiar frameworks.
- Know how appropriate grow-column grid system works, to impress online users.
- Utilizing basic designing skills for front-end developments in D project.

### ILO 2: Use Frameworks

- Using Vue JS framework lessons, to develop unique features and diverse functionalities.
- Node JS uses quite similar commands to develop source code, thereby equally understanding how webpages are developed in different frameworks.
- More creative, special features and functions can be figured out more rationally, satisfying upcoming demands.

### ILO 3: Develop User Interfaces

- Knowing how to demonstrate my own designations to others, in different types of frameworks.
- There are three main types of basic frameworks for webpage: mobile portrait, mobile landscape & laptop framework.
- Able to use learned knowledge to design custom webpages, based on creative ideas.

### ILO 4: Evaluate User Interfaces

- Based on short but comprehensive feedback of lecturers throughout the semester to easily understand code errors, warnings, and comments.
- Understand the demands, and the mistakes I made after an interview, or a review of assignments.

## Reflection

### The most important things I learnt:

More advanced skills of code-based designation is included in this COS30043 course, which gives students like more in-depth perspective about Front-end Development, along with difficult knowledge of framework utilizations.

### The things that helped me most were:

Great dedications from lecturers, who always provide opportunities to students like us to receive feedback, especially from our submitted tasks & upcoming assignments.

### I found the following topics particularly challenging:

To be honest, Front-end is not one of my special major aspects, as I would prefer developing back-end components. However, due to some personal plan at the end of semester, I could not develop my projects comprehensively.

### I found the following topics particularly interesting:

From my perspective, the lesson impress students mainly will be how to apply supported frameworks to our website, which can help developers a lot in future,

### I feel I learnt these topics, concepts, and/or tools really well:

I guess I will mainly focus on developing back-end features for a website, so that basic understanding about CSS style and row-column grid system would help me much in this course.

### I still need to work on the following areas:

My project in the end of semester quite satisfied the lecturer in the Interface for D tasks, but not the back-end database for HD. Whereby, it shows that some mistakes were still made, and I need to re-check it to understand the requirements more.

### My progress in this unit was ...:

I had completed all the basic lessons, along with lab tasks weekly.

D tasks is aiming for, with my best of try.

### This unit will help me in the future:

It really helps students to get used to lessons & environments of these specialities. Custom ideas can also be reviewed, and developed if really appropriate.

### If I did this unit again, I would do the following things differently:

As I mentioned before, due to some special occasion at the end of semester, I did not have a chance to achieve the best grade, but that is because of my personal purpose. If this special chance comes to me, I will completely focus on the final project more, and aiming for HD grade.