

COS30043 – Interface Design and Development

Learning Summary Report

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Self-Assessment Details

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

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

Project task checklist

Check the boxes for each task you have completed.

- | | |
|---|---|
| <input checked="" type="checkbox"/> Pass task 1.1 | <input checked="" type="checkbox"/> Credit task 5.3 |
| <input checked="" type="checkbox"/> Pass task 1.2 | <input checked="" type="checkbox"/> Credit task 6.1 |
| <input checked="" type="checkbox"/> Pass task 1.3 | <input type="checkbox"/> Distinction task 6.2 |
| <input checked="" type="checkbox"/> Pass task 1.4 | <input type="checkbox"/> High distinction task 6.3 |
| <input checked="" type="checkbox"/> Pass task 2.1 | <input checked="" type="checkbox"/> Pass task 7.1 |
| <input checked="" type="checkbox"/> Pass task 2.2 | <input checked="" type="checkbox"/> Pass task 7.2 |
| <input checked="" type="checkbox"/> Pass task 2.3 | <input checked="" type="checkbox"/> Pass task 8.1 |
| <input checked="" type="checkbox"/> Pass task 3.1 | <input checked="" type="checkbox"/> Credit task 8.2 |
| <input checked="" type="checkbox"/> Pass task 3.2 | <input checked="" type="checkbox"/> Pass task 9.1 |
| <input checked="" type="checkbox"/> Credit task 3.3 | <input type="checkbox"/> Credit task 9.2 |
| <input checked="" type="checkbox"/> Credit task 3.4 | <input checked="" type="checkbox"/> Pass task 10.1 |
| <input checked="" type="checkbox"/> Pass task 4.1 | <input type="checkbox"/> High distinction task 10.2 |
| <input checked="" type="checkbox"/> Pass task 5.1 | <input checked="" type="checkbox"/> Pass task 11.1 |
| <input checked="" type="checkbox"/> Pass task 5.2 | |

	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	
Design report with screenshots for custom program	

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: Alex Vrsecky

Introduction

This report summarises what I learnt in COS30043. 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 web applic...
2. ...

Coverage of the Unit 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.

ULO 1: Apply Design

Apply fundamental design concepts and standards to the development of user interfaces

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

- ...
- ...

ULO 2: Use Frameworks

Use contemporary frameworks to create dynamic user interfaces.

...

ULO 3: Develop User Interfaces

Design and develop user interfaces optimised for a range of devices and platforms.

...

ULO 4: Evaluate User Interfaces

Evaluate user interfaces with respect to usability and accessibility using appropriate techniques, and propose improvements.

...

Reflection

The most important things I learnt:

[Think about topics covered, but also other general things you may have learnt. Think about what you have learnt in this subject, and reflect on what you think were key learning points, or incidents. Did you learn what you wanted/expected to learn?]

The things that helped me most were:

[List and explain]

- Vue.js documentation
- Bootstrap documentation
- Ed as a development platform

I found the following topics particularly challenging:

- Vue.js filters

I found the following topics particularly interesting:

[List and explain – remove if none]

- How front end servers unmount and remount reactively

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

[List and explain – if none explain why, refer to your pieces for evidence to support your claims]

- HTML structure and elements
- Bootstrap syntax
- Vue.js syntax
- Vue.js properties such as Data(), Methods, Computed, and Template
- Vue.js Router and general routing

I still need to work on the following areas:

[List and explain – if none explain why, refer to your pieces]

- Vue.js Filters
- Separating application into components

My progress in this unit was ...:

[comment on what happened on your progress,]

- I already had a comprehensive understanding of front-end frameworks using React. Learning the Vue was challenging but it helped me create a more fundamental understanding of how front-end frameworks function.

This unit will help me in the future:

[How will the things you learnt relate to the rest of your studies, and career. What have you learnt that will be valuable for you in the future?]

- If I ever need to create an application that is served on the web, this will be a critical tool for developing it.

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

[List and explain, how will you approach learning in the future? What things worked well, but what could you change to make sure you did better next time?]

- Time management
- Try and create smaller project in my own time to get a more fundamental understanding.

Other...:

[Add any other reflections you think help you demonstrate your learning]