COS30043 – Interface Design and Development

Learning Summary Report

*TRAC DUC ANH LUONG (103488117)*

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 |

*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. |  |
| 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 | X |
| Custom project meets HD requirements | X |

*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: Trac Duc Anh Luong

# 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. 1.1P: a web project that I have completed and submitted in COS10005 - Web Development
2. 1.2P: hello world app
3. 1.3P: form validation using Total Validator
4. 1.4P: table accessibility using Total Validator
5. 2.1P: setup Bootstrap and answer given questions
6. 2.2P: design a mock-up calculator app using Bootstrap
7. 2.3P: create Bootstrap template for a corporate website
8. 3.1P: string test app using VueJS
9. 3.2P: unit lookup app
10. 3.3C: BMI calculator app
11. 3.4C: registration form app
12. 4.1P: number guessing game app
13. 5.1P: status posting app
14. 5.2P: menu list app
15. 5.3C: unit information app using vue-router
16. 6.1C: registration form using Vuetify
17. 6.3HD: my cocktail app, design document, wireframes, and screenshots
18. 7.1P: get data from public API
19. 7.2P: get data from text file
20. 8.1C: unit lookup app with pagination
21. 9.1C: CRUD single page application
22. 10.1P: single page application using vue-cli
23. 10.2P: tutorial for concepts in week 7 (API)
24. 11.1P: learning summary report

# 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

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

For each ILO, describe the work you have included in your portfolio that demonstrates your ability in relation to the required outcomes. Then delete this box.

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

* …
* …

## ILO 2: Use Frameworks

Use contemporary frameworks to create dynamic user interfaces.

…

## ILO 3: Develop User Interfaces

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

…

## ILO 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:

Reflect on your learning and discuss these areas. Read the suggestions in [ ] for each question. Write your reflections then delete the text in the [ ] and delete this box.

[ 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 ]

## I found the following topics particularly challenging:

[ List and explain – if none explain why ]

## I found the following topics particularly interesting:

[ List and explain – remove if none ]

## 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 ]

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

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

## My progress in this unit was …:

[comment on what happened on your progress, ]

## 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 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?]

## Other…:

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