SIT 771

OBJECT-ORIENTED DEVELOPMENT

This will be the cover of your portfolio…make it nicer than this! Include unit name, your name, student id…then delete this text!

YUPENG WEN

224212855

Learning Summary Report

# Self-Assessment Details

Update header with your name and ID. Then delete this box.

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Pass (D) | Credit (C) | Distinction (B) | High Distinction (A) |
| Self-Assessment |  |  |  | √ |

Tick (use this one! ✓) the box with the grade you are applying for. Then delete this box.

Self-Assessment Statement

|  |  |
| --- | --- |
|  | Included |
| Learning Summary Report | √ |
| Pass tasks complete | √ |

Check that you have included the minimum required details. Tick these boxes (and ones for higher grades as applied). Then delete this box.

Minimum Pass Checklist

|  |  |
| --- | --- |
|  | Included |
| All Credit Tasks are Complete on OnTrack | √ |

Minimum Credit Checklist (in addition to Pass Checklist)

|  |  |
| --- | --- |
|  | Included |
| Distinction tasks (other than Custom Program) are Complete | √ |
| Custom program meets Distinction criteria | √ |

Minimum Distinction Checklist (in addition to Credit Checklist)

|  |  |
| --- | --- |
|  | Included |
| Something Awesome included | √ |
| 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.

Replace the text here. Then delete this box.

Signature: YUPENG WEN

# Portfolio Overview

This portfolio includes work that demonstrates that I have achieved all Unit Learning Outcomes for SIT771 to a **High Distinction** level.

Change the grade and unit title. Then delete this box.

[Justify why you should receive this grade… Write this for the assessment panel – tell them why you should get this grade.

In this section, refer to the tasks you have completed. These will be attached by OnTrack after this summary. Do not try to demonstrate the outcomes here, this is just a summary.

Think of this like a cover letter to a job application – here it is a cover letter to your grade application.]

## Unit Learning Focuses

Throughout the unit, we have been using focus to direct your attention to the key learning outcome of each task. Kindly justify your understanding for each focus below:

### SYN (Syntax): Focus on understanding and remembering the C# and Python syntax.

### [Briefly describe how your understanding of syntax was developed throughout the unit]

### PRO (Process): Focus on how you use the syntax and concepts to build software solutions.

### [Briefly describe how your understanding of programming processes was developed throughout the unit]

### CON (Concept): Focus on the underlying programming and Object Oriented Programming concepts.

### [Briefly describe how your understanding of Programming and OOP concepts was developed throughout the unit]

## Unit Learning Outcomes (ULOs)

Every unit at Deakin is designed to meet certain learning outcomes that the students can attain by the end. Below mentioned are the ULOs for SIT 771. Justify your learnings below.

*For Pass: you need to indicate how you have demonstrated all Unit Learning Outcomes to a minimal level.*

*For Credit: you need to indicate how you have demonstrated all Unit Learning Outcomes to a good level.*

*For Distinction: you need to indicate how you have been able to apply all of the Unit Learning Outcomes in achieving the distinction tasks.*

*For High Distinction: you need to indicate how you have been able to extend beyond the material presented in the unit.*

### ULO 1: Evaluate simple program code for correct use of coding conventions and use code tracing and debugging techniques to identify and correct issues.

### [Briefly describe how you know that you have achieved the above ULO by referring to the evidence in your portfolio]

### ULO 2: Apply and explain the principles of object-oriented programming including abstraction, encapsulation inheritance, and polymorphism.

### [Briefly describe how you know that you have achieved the above ULO by referring to the evidence in your portfolio]

### ULO 3: Implement, and test small object-oriented programs that conform to planned system structures and requirements.

### [Briefly describe how you know that you have achieved the above ULO by referring to the evidence in your portfolio]

### ULO 4: Design, communicate, and evaluate solution structures using appropriate diagrams and textual descriptions.

### [Briefly describe how you know that you have achieved the above ULO by referring to the evidence in your portfolio]

### ULO 5: Justify meeting specified outcomes by providing relevant evidence and critiquing the quality of that evidence against given criteria.

### [Briefly describe how you know that you have achieved the above ULO by referring to the evidence in your portfolio]

# Reflection

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.

## 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 ]

## 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 ]

Describe how focusing on syntax, concepts, and programming processes affected your learning in this unit:

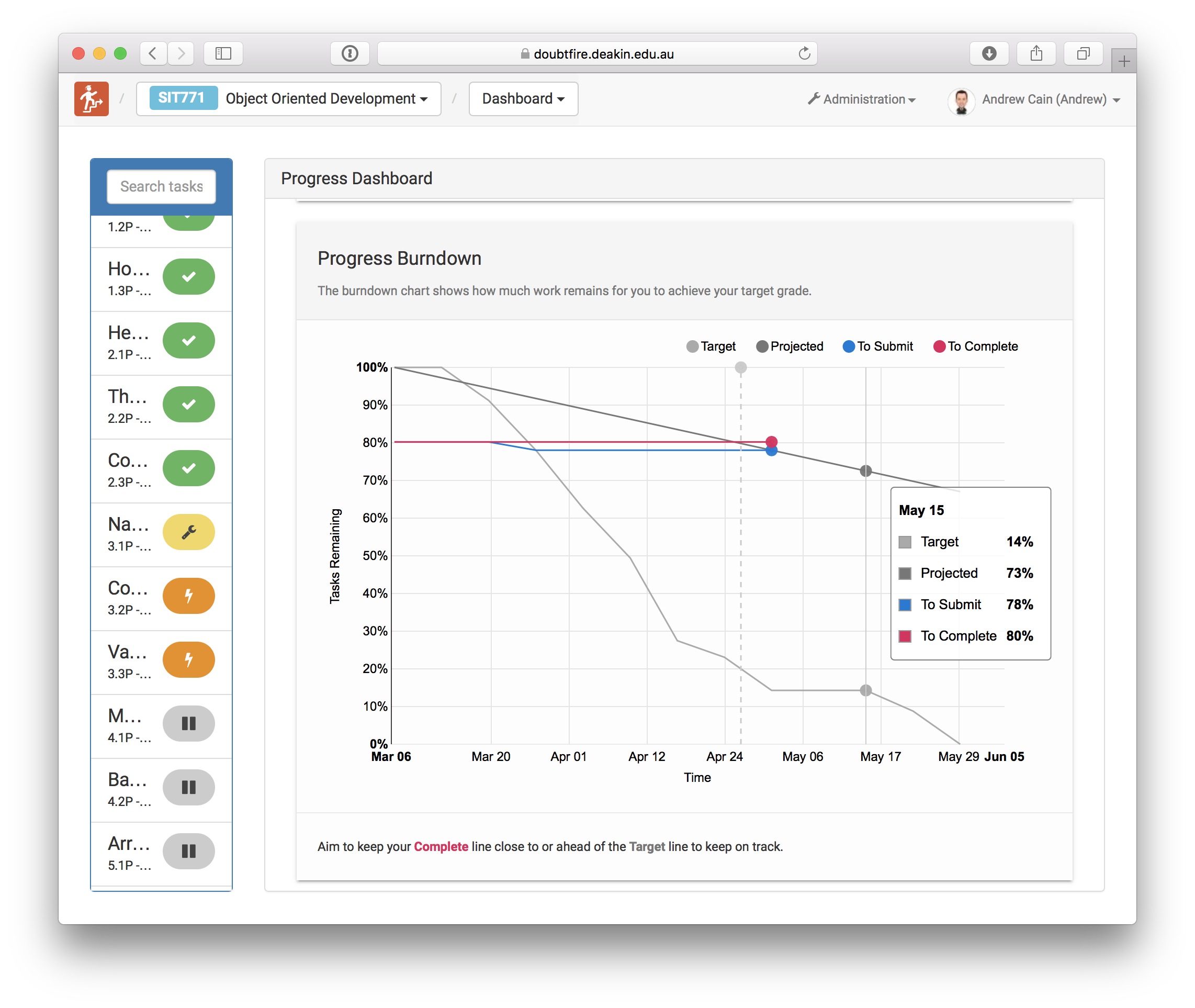
[ Describe how you utilized the unit focuses to complete the tasks. If you didn’t, what guided your focus as you completed the tasks]

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

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

## My progress in this unit was …:

[ Include a screenshot of your **progress graph** from **OnTrack**, and comment on what happened from your perspective… what does the graph say about how you approached the unit?]



## 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]