SIT210

EMBEDDED SYSTEMS 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 (D)	Credit (C)	Distinction (B)	High Distinction (A)
Self-Assessment	✓			

Self-Assessment Statement

	Included
Learning Summary Report	✓
Pass tasks complete	✓

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.

Signature: **Rakyan Satrya Adhikara**

Portfolio Overview

This portfolio includes work that demonstrates that I have achieve all Unit Learning Outcomes for SIT210 Unit Title to a **Pass** level.

I should receive this grade because I have demonstrated all Unit Learning Outcome to a minimal level.

Those tasks are including, but not limited to:

1. **Task 1.1P (Submit a name file)**
2. **Task 1.2P (Particle - Add device)**
3. **Task 2.1P (Particle – First Name Blinky)**
4. **Task 2.2C (Particle – Create a tutorial video)**
5. **Task 3.1P (Particle – Sending data to the web)**
6. **Task 4.1P (RPi – Installing OS)**
7. **Task 5.1P (RPi – GPIO basics)**
8. **Task 6.1P (RPi – Remote connection / operation)**
9. **Task 7.1P (Project Pitch)**
10. **Task 11.1PCDH (Project Demo)**
11. **Task 11.2P (Project Artefact)**

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:

- Learning about how Particle devices and Raspberry

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.

I found the following topics particularly challenging:

- How to send data to the web from particle

I found the following topics particularly interesting:
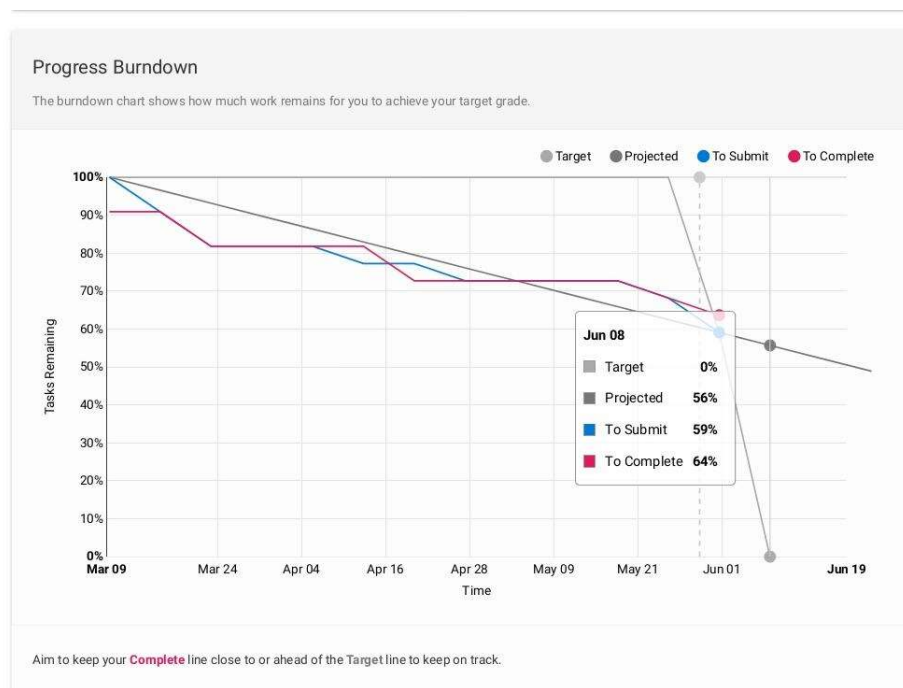
- Any topic related to Raspberry pi

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

- Any topic related to Raspberry Pi

I still need to work on the following areas:

- Any topic related to particle devices.
  - o Reason:
    - ▪ Require more specific IDE
    - ▪ More complex on applying IoT

My progress in this unit was …:

Progress Burndown

The burndown chart shows how much work remains for you to achieve your target grade.

	Target	Projected	To Submit	To Complete

Jun 08

Target	0%
Projected	56%
To Submit	59%
To Complete	64%

Aim to keep your **Complete** line close to or ahead of the **Target** line to keep on track.

This unit will help me in the future:

This unit will help me to use more IoT devices, such as Raspberry Pi and Particle devices, to make more innovative products.

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

I would do more tasks (get higher grade), I would make better codes, improve those tasks that I did.