

Curtin University – Department of Computing

Assignment Cover Sheet / Declaration of Originality

Complete this form if/as directed by your unit coordinator, lecturer or the assignment specification.

Last name:	Vincent	Student ID:	18854486
Other name(s):	Dillon Matthias		
Unit name:	Capstone Computing Project 1	Unit ID:	ISAD3000
Lecturer / unit coordinator:	Hannes	Tutor:	Hannes
Date of submission:	24/03/2022	Which assignment?	2 (Leave blank if the unit has only one assignment.)

I declare that:

- The above information is complete and accurate.
- The work I am submitting is *entirely my own*, except where clearly indicated otherwise and correctly referenced.
- I have taken (and will continue to take) all reasonable steps to ensure my work is *not accessible* to any other students who may gain unfair advantage from it.
- I have *not previously submitted* this work for any other unit, whether at Curtin University or elsewhere, or for prior attempts at this unit, except where clearly indicated otherwise.

I understand that:

- Plagiarism and collusion are dishonest, and unfair to all other students.
- Detection of plagiarism and collusion may be done manually or by using tools (such as Turnitin).
- If I plagiarise or collude, I risk failing the unit with a grade of ANN ("Result Annulled due to Academic Misconduct"), which will remain permanently on my academic record. I also risk termination from my course and other penalties.
- Even with correct referencing, my submission will only be marked according to what I have done myself, specifically for this assessment. I cannot re-use the work of others, or my own previously submitted work, in order to fulfil the assessment requirements.
- It is my responsibility to ensure that my submission is complete, correct and not corrupted.

Signature: _____



Date of signature: 24/03/2022

(By submitting this form, you indicate that you agree with all the above text.)

Main things done up until 25/03/2022

As a group we had a meeting with Hannes and spoke about questions needed to be asked to Amristar and the outline of the project. The next day we caught up with Amristar and got a deeper look into what we would be doing for the project and how the marking outline would look like. There has been group scrum meeting that happen 2-3 times a week to catch up on what we are doing, what we plan to do and if there were any problems.

The only issue I came across was that after the meeting with Amristar I realised I had to learn new programs and terms that are used by industries, like Jira and Github in a short period of time. In the second week the task assigned to me was to research and find what frameworks would best suit the project by looking at the pros and cons of each framework.

Once we have chosen what framework we will use then I will research how to use the framework a lot more in-depth.

Research Done

19/03/22

Create Accounts

- Created Microsoft account with Amristar
- Create GitHub account
- Created SSH key for GitHub

Research Jira

- <https://www.youtube.com/watch?v=GWxMTvRGlpc>
 - learned basic UI of Jira
- <https://www.youtube.com/watch?v=nHuhojfjeUY>
 - learned about Task/Epic/Story for creating an issue
 - Saw how to create Task/Epic/Story on the Board in Jira and the functions for working in a Team

Research Web Frameworks

- <https://www.youtube.com/watch?v=UsUriZLCwws&t=500s>
 - JS slow but can get real time updates
 - Flutter is quite good to use
- https://www.youtube.com/watch?v=y14f_VFsZIA
 - Angular uses NGRX so states share data
 - Angular uses Typescript

23/03/22

Research Web Frameworks

- https://www.youtube.com/watch?v=Ou_hSDxzjMI
 - Python is easy to learn and use
 - Has a large amount of available resources
 - Easy to import packages and modules
 - Slower language, slower than C
 - Harder to make it multi treaded

- Not a fully typed based language like Java or C and might make it harder to work in a group environment.
- <https://www.youtube.com/watch?v=VY6MZGPKR5c>
- <https://www.youtube.com/watch?v=xh8HasMvdTw>
 - Django It takes longer to deploy your product because you'll have to code it while you might be able to find another service that works
- <https://www.youtube.com/watch?v=rHux0gMZ3Eg>
 - Django Has a huge community
 - Comes with a lot of features
 - Admin site
 - ORM
 - Authentication
 - Caching
- <https://www.youtube.com/watch?v=PcTVQyrWSSs>
 - Backbone.JS has a good structure so easier to work in teams
- <https://www.youtube.com/watch?v=RBgm7Zgv2dM>
 - Uses MVC for Web
 - Not the best thing for replacing DOM content

Summary Report

01-03-2022 – 25-03-2022

TOTAL HOURS

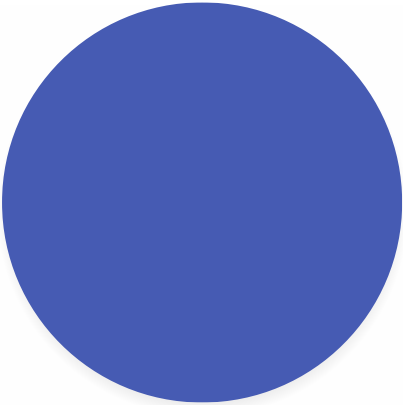
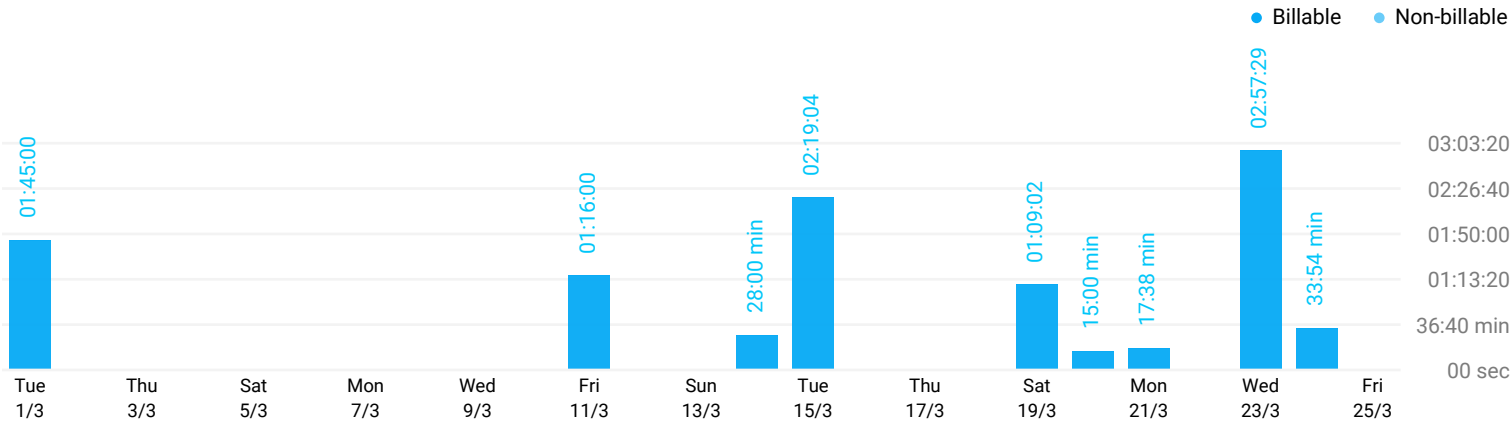
11:01:07

BILLABLE HOURS

11:01:07

AMOUNT

0.00 USD

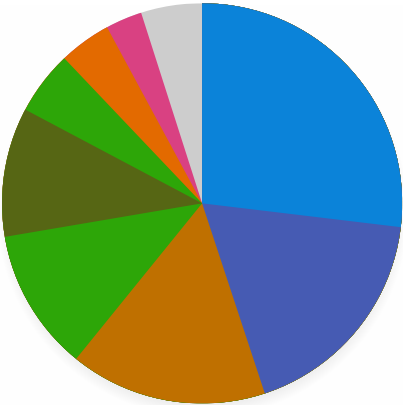


PROJECT

- Amristar

DURATION

11:01:07



TIME ENTRY

- researching frameworks
- meet with Amristar
- Lecture 1
- Lecture 2
- setting up account and researching frameworks
- Finishing report milestone 2
- Hannes Meeting
- group meeting
- Other time entries

DURATION

- 02:57:29
- 02:00:00
- 01:45:00
- 01:16:00
- 01:09:02
- 33:54 min
- 28:00 min
- 19:04 min
- 32:38 min

PROJECT - TIME ENTRY	DURATION	AMOUNT
● Amristar	11:01:07	0.00 USD
Finishing report milestone 2	33:54 min	0.00 USD
group meeting	19:04 min	0.00 USD
Hannes Meeting	28:00 min	0.00 USD
Lecture 1	01:45:00	0.00 USD
Lecture 2	01:16:00	0.00 USD
meet with Amristar	02:00:00	0.00 USD
meeting	17:38 min	0.00 USD
researching frameworks	02:57:29	0.00 USD
scrum meeting	15:00 min	0.00 USD
setting up account and researching frameworks	01:09:02	0.00 USD