

# COMP3111 T-22 Activity 2 – Documentation

To view all the raw files:

<https://github.com/Zhang-JK/COMP3111-T22/tree/master/doc>

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## People:

ZHANG Jiekai ([izhanger@connect.ust.hk](mailto:izhanger@connect.ust.hk)), Assigned Task: #1 #4

CHENG Yiren ([yrcheng.dylan@gmail.com](mailto:yrcheng.dylan@gmail.com)), Assigned Task: #3 #6

LIANG Houdong ([hliangam@connect.ust.hk](mailto:hliangam@connect.ust.hk)), Assigned Task: #2 #5

## GitHub Repo:

<https://github.com/Zhang-JK/COMP3111-T22>

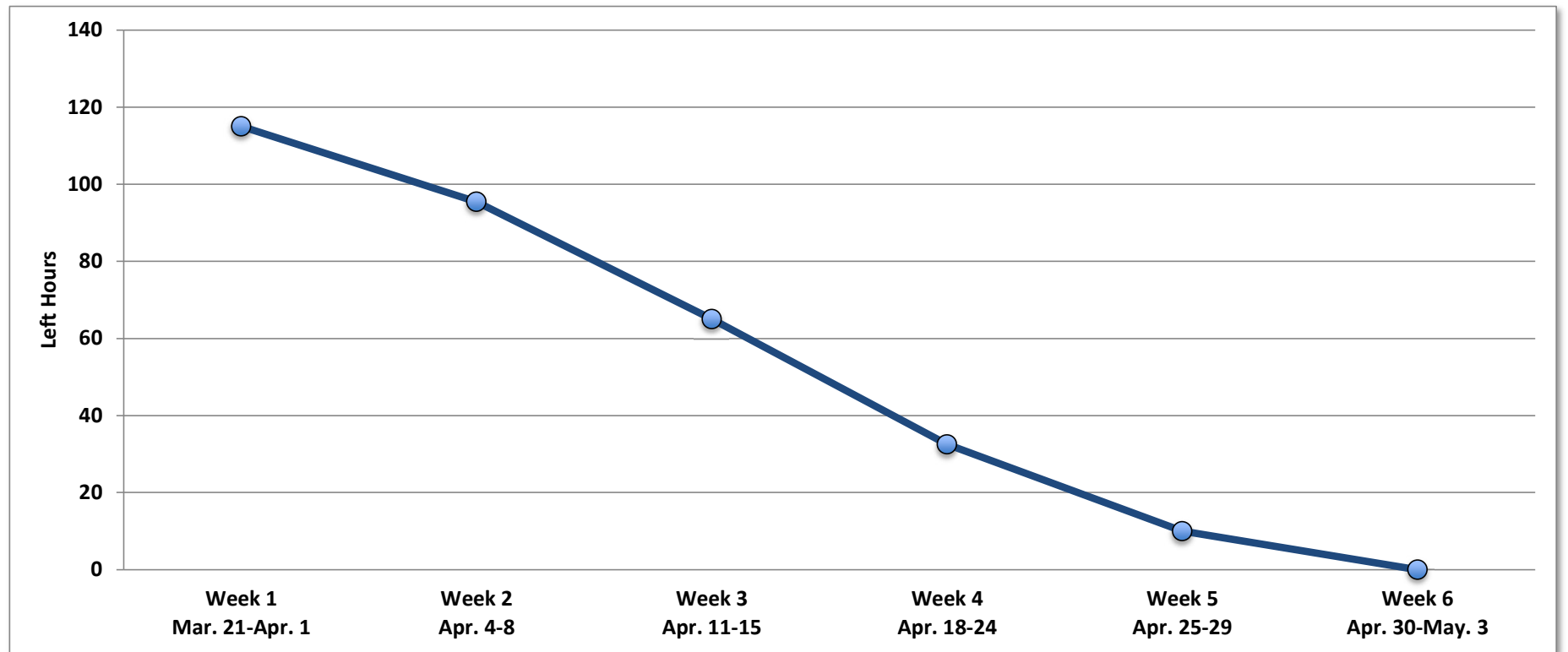
ZHANG Jiekai's branch: [JK dev](#)

CHENG Yiren's branch: [dylan branch](#)

LIANG Houdong's branch: [dong\\_](#)

## **COMP 3111: Sprint 2 Backlog and Burndown Chart**

| Sprint Tasks (Sprint Backlog)    | Week 1<br>Mar. 21-Apr.<br>1 | Week 2<br>Apr. 4-8 | Week 3<br>Apr. 11-<br>15 | Week 4<br>Apr. 18-<br>24 | Week 5<br>Apr. 25-<br>29 |
|----------------------------------|-----------------------------|--------------------|--------------------------|--------------------------|--------------------------|
| UI Interface Implementation      | 2                           | 3                  | 4                        | 2                        | 0                        |
| FileReader Class Implementation  | 3                           | 2.5                | 2.5                      | 0                        | 0                        |
| FileReader Test                  | 0                           | 2                  | 2                        | 0                        | 0                        |
| ChartSetter Class Implementation | 0                           | 4                  | 5                        | 2                        | 0                        |
| Task1 Implementation             | 0                           | 2                  | 3.5                      | 3                        | 2                        |
| Task2 Implementation             | 0                           | 1                  | 3.5                      | 4                        | 3                        |
| Task3 Implementation             | 0                           | 2                  | 3                        | 3.5                      | 2.5                      |
| Task4 Implementation             | 0                           | 1                  | 2.5                      | 4                        | 2                        |
| Task5 Implementation             | 0                           | 2                  | 2                        | 3.5                      | 2.5                      |
| Task6 Implementation             | 0                           | 0                  | 2.5                      | 3                        | 3                        |
| Task1&Task4 Test                 | 0                           | 0                  | 0                        | 3                        | 2.5                      |
| Task2&Task5 Test                 | 0                           | 0                  | 0                        | 2                        | 3                        |
| Task3&Task6 Test                 | 0                           | 0                  | 0                        | 2.5                      | 2                        |
| Total hours                      | 5                           | 19.5               | 30.5                     | 32.5                     | 22.5                     |
| Left Hours                       | 115                         | 95.5               | 65                       | 32.5                     | 10                       |



## T22-Popname

COMP3111 Group T22

Group Member: ZHANG Jiekai, CHENG Yiren, LIANG

Project Start:

Sun, 3/21/2021

Display Week:

[illegible]

# **COMP 3111: Introduction to Software Engineering**

## **Minutes of the 1st T22-Group Meeting**

Date: March 31, 2021

Time: 10:00 a.m.

Place: Zoom

Attending: Zhang Jiekai, CHENG Yiren, LIANG Houdong

Absent: None

Recorder: LIANG Houdong

### **1. Report on progress during the past week**

- 1.1 Each of members think of how to draw class diagram and use-case diagram, and to write use-case specification.

### **2. Discussion of impediments and resolution**

- 2.1 We raised different approaches to draw class diagram and use-case diagram. It was decided to combine our solutions together to make sure there is no omissions.

### **3. Goals for the coming week**

| <b>Name</b>   | <b>Tasks that will be worked on in the coming week</b> |
|---------------|--|
| ZHANG Jiekai  | Start implementing the FileReader Class as our core    |
|               | Start building our desired UI interface                |
| CHENG Yiren   | Add additional functions to FileReader Class           |
|               | Start building our desired UI interface                |
| LIANG Houdong | Add additional functions to FileReader Class           |
|               | Start building our desired UI interface                |

### **4. Meeting adjournment and next meeting**

- 4.1 The meeting was adjourned at 10:45 a.m. The next meeting will be held on Apr.17 at 9:00 p.m. in the zoom meeting.

## Minutes of the 2<sup>nd</sup> Project Scrum Meeting

**Date:** April 14, 2021

**Time:** 9:00 p.m.

**Place:** Zoom Meeting

**Attending:** ZHANG Jiekai, CHENG Yiren, LIANG Houdong

**Recorder:** CHENG Yiren

### 1. Report on progress during the past week

| Name          | Tasks worked on in the past week                              | Total hours |
|---------------|---|-------------|
| ZHANG Jiekai  | Finished task1 and general GUI design                         | 8           |
| CHENG Yiren   | Finished Task 3 summary and task 6<br>Studied chart generator | 8           |
| LIANG Houdong | Finished task2 and modified file reader                       | 8           |

### 2. Discussion of impediments and resolution

2.1. Went through the structure of the Core file.

2.2. Discussed the detail of Controller.

### 3. Goals for the coming week

| Name          | Tasks that will be worked on in the coming week          |
|---------------|--|
| ZHANG Jiekai  | Finish task 4  |
| CHENG Yiren   | Revise GUI<br>Finish chart generation function in task 3 |
| LIANG Houdong | Generate table in the chart setter                       |

### 4. Meeting adjournment and next meeting

The meeting was adjourned at 9:40 p.m. The next meeting will be held on April 21 at 9:00 p.m. on Zoom.

# **COMP 3111: Introduction to Software Engineering**

## **Minutes of the 5th T22-Group Meeting**

Date: April 30, 2021

Time: 9:00 p.m.

Place: Zoom

Attending: ZHANG Jiekai, CHENG Yiren, LIANG Houdong

Absent: None

Recorder: ZHANG Jiekai

### **1. Report on progress during the past week**

1.1 All the members have finished the coding

1.2 Share how to write test programs bases on JavaFx

1.3 Writing reports

### **2. Discussion of impediments and resolution**

2.1 How to do testing that cover most part of the program especially GUI codes

2.2 Discuss about the working progress and merged our burndown charts

### **3. Goals for the coming week**

| <b>Name</b>   | <b>Tasks that will be worked on in the coming week</b> |
|---------------|--|
| ZHANG Jiekai  | Write the Git Log, finish testing                      |
| CHENG Yiren   | Finish testing   |
| LIANG Houdong | Write burndown chart and gantt chart, finish testing   |

### **4. Meeting adjournment and next meeting**

4.1 The meeting was adjourned at 10 p.m. This is the fifth meeting and the next meeting will be on next Monday when we finish all the works about the project.

# Representative Git commit log on GitHub

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## Core Development

1. FileReader and NameRecord: interfaces for reading the CSV files and store names  
**Commit ID:** [86f593c](#)
2. Chart Generator: interfaces for generating the charts  
**Commit ID:** [8bf6e2f](#)
3. General GUI Design: we used the same report output panel for genericities  
**Commit ID:** [838742b](#)

## Task Achievements

1. Task1 finish  
**Commit ID:** [838742b](#)
2. Task2 finish  
**Commit ID:** [baaab79](#)
3. Task3 finish  
**Commit ID:** [071e178](#)
4. Task4 finish  
**Commit ID:** [838742b](#)
5. Task5 finish  
**Commit ID:** [baaab79](#)
6. Task6 finish  
**Commit ID:** [b893d6d](#)

## Test Achievements

1. Task1&4 test all passes  
**Commit ID:** [becb804](#)
2. Task2&5 test all passes  
**Commit ID:**
3. Task3&6 test all passes  
**Commit ID:**