

CS2113T UniTracker Project

(✓)	Week	Task	Personal Deadline	Actual Deadline
✓	4	Set Direction: Fill out TEAMMATES	Tue 2 Feb 1400-1500	Wk 4
✓	5	Gather requirements (brainstorm & choose user stories)	Tue 9 Feb 1400-1500	Wk 5
✓	6	Conceptualise the product (creating User Guide)	Tue 16 Feb 1400-1500	Wk 6
✓	7	Get ready for iterations (create development environment, split work up)	Tue 2 Mar 1400-1500	Wk 7
✓	8, 9	Iteration 1 (v1.0) (need Minimum Viable Product) ✓ Writing Progress Report (participation marks) (for CS2101 Week 9.1) ✓ OP2 Consultation (for CS2101 Week 9.2)	Thu 18 Mar 2359	Thu 18 Mar 2359
✓	10, 11	Iteration 2 (v2.0) (Free peer testing to fix bugs) ✓ CS2101 Lesson 10.1 → no need to go for class on Monday ✓ UGDG in-class peer review (for CS2101 by Week 10.2) ✓ → put link to UGDG inside 10.2 Google Doc ✓ UG Consultation @ 12pm-12:25pm (for CS2101 Week 11.1)	Tue 30 Mar 2359	Thu 1 Apr 2359
	12	Iteration 3 (v2.1) (bug fixes, no more new features) OP2!!! ✓ 12.1 Demo (Mon) ✓ 12.2 Pitch (Thu) ✓ Draft PPP (individual) ✓ Consult during CS2113T tutorial	Sun 11 Apr 2359	Mon 12 Apr 2359
	13	V2.1 FINAL SUBMISSION - executable jar file, product website + UG + DG → submit on LumiNUS folder! → submit for BOTH CS2113T & CS2101 → product release on GitHub Instructions: CS2113/T - Week 13 - Project (nus-cs2113-ay2021s2.github.io)		Mon 12 Apr 2359
		V2.1 FINAL SUBMISSION - demo video		Wed 14 Apr 2359
		(Practical Exam) - Evaluation (Peer Testing)		Fri 16 Apr lecture

Group 4 Weekly Team Meeting (Tuesdays, 1400-1500):

Meeting Date & Time	Meeting Minutes/Notes/Agenda
Tue 2 Feb 1400-1500	<p>Agenda:</p> <ul style="list-style-type: none">-- decide on overall project direction: Scheduling for modules in Uni-- Product Name: UniTracker-- Target User Profile: This product is for NUS students and can keep track/add/edit module information, and deadlines. This product is for users who prefer CLI over GUI.-- Value Proposition: Our product is user-specific as it allows users to customize and personalize their own module information and deadlines to suit their needs. Our product allows users to organize their own daily schedules and keep track of their deadlines all on one platform.-- problem to tackle: Information is everywhere <p>Submission: Submit your <u>product name</u>, <u>target user profile</u>, <u>the value proposition</u>, and the <u>public link to your collaborative project notes</u> via TEAMMATES. You'll receive an email from TEAMMATES with the submission link. <u>Only one member</u> needs to submit on behalf of the team. All members can view/update the submission.</p>
Tue 9 Feb 1400-1500	<p>Agenda:</p> <ul style="list-style-type: none">-- Brainstorm user stories (at least 30)-- Choose user stories for v1.0 (supposed to be during tutorial)-- Fill out individual TEAMMATES (practice peer review)
Tue 16 Feb 1400-1500	<p>Agenda:</p> <ul style="list-style-type: none">-- Create Feature List (Conceptualise v1.0)

	<ul style="list-style-type: none"> -- Draft User Guide → split up the sections/features among ourselves -- Refine product design (more cohesive/smooth)
<p>Tue 23 Feb 1400-1500</p>	<p>Agenda:</p> <ul style="list-style-type: none"> -- Finalise Feature List (cut down on existing features) -- Determine work allocation: Split UG and feature list among ourselves
<p>Sat 6 Mar 2200-2330</p>	<p><u>Agenda:</u></p> <ul style="list-style-type: none"> -- Set up/ Figure out how GitHub works -- Decide what to code finish by Friday's tutorial based on work allocation -- Back Up meeting date: Tuesday 9 Mar 2130 <p>What are we supposed to do by Friday:</p> <p>Li Ping: Add/View module description, Add/View components and their weightage, start on helpGraduation.</p> <p>Nikhila: Main menu method on duke.java, Main menu method (case thing) for module info on ModuleInfo.java, Delete Module method on ModuleInfo.java</p> <p>Hazel: add and delete tasks, and add message to print after task</p> <p>Yong Han: Links menu, Add zoom links</p>
<p>Sat 13 Mar 1400-1600</p>	<p>Discuss:</p> <p>V1.0 stuffs</p> <ul style="list-style-type: none"> - Finalise v1.0 features

	<ul style="list-style-type: none"> - User guide <p>for CS2101 Week 9.1: Writing Progress Report (participation marks)</p> <p>for CS2101 Week 9.2: OP2 Consultation @ 12:45pm</p> <ul style="list-style-type: none"> - Split into demo and pitch teams - What to include in both presentations <p>For CS2101 Week 10.1: UGDG in-class peer review</p> <ul style="list-style-type: none"> - Start working on UG <p>What we are supposed to do by Wednesday:</p> <ul style="list-style-type: none"> - Finish up the remaining allocated parts on the code - Finish up our UG individual parts
Wed 17 Mar 2030-2130	<p>Discuss:</p> <ul style="list-style-type: none"> - Runttest.sh → told to focus on JUnit tests - Informal Demo screenshots for UG DONE
Sat 20 Mar 2100 (?)	<p>Discuss:</p> <p><u>For v2.0</u></p> <ul style="list-style-type: none"> -- user errors -- make the user interface more consistent? yesu -- storage? -- the other features on our V2.0 list below -- finalise features <p><u>OP2</u></p> <ul style="list-style-type: none"> -- choose theme? Both teams can use same theme but work on their own, so some sort of teamwork here <p>To save time, some possible themes: (i feel like she prefers pictures > cartoons so i included some themes with more like “serious” tones idk)</p> <ul style="list-style-type: none"> - https://slidesgo.com/theme/economics-thesis#search-Minimalist&position-5&results-18 - https://slidesgo.com/theme/minimalist-grayscale-pitch-deck#search-Minimalist

	<ul style="list-style-type: none"> - st&position-11&results-18 - https://slidesgo.com/theme/minimalist-hs-weekly-planner#search-Minimalist&position-14&results-18&variant-598 +1 - https://slidesgo.com/theme/vacom-pitch-deck#search-Minimalist&position-2&results-18 - https://slidesgo.com/theme/intellectual-property#search-Minimalist&position-6&results-18 - https://slidesgo.com/theme/annual-report#search-Minimalist&position-9&results-18 - https://slidesgo.com/theme/simple-meeting#search-Minimalist&position-16&results-18 +1 - https://slidesgo.com/theme/engineering-project-proposal#search-Business&position-7&results-18 +1 <p>UGDG for presenting during Lesson 10.2 (Thursday of Week 10)</p>
Sat 27 Mar 2145	<p>Discuss: V2.0 features UGDG (diagrams etc.) Questions to ask during UG consult</p>
Sat 3 Apr 2100	<p>Discuss:</p> <ul style="list-style-type: none"> - OP2 coming up - make sure content is consistent - What is PPP lmao - Choose theme for UGDG <p>→ need to put product intro at Duke tp (ay2021s2-cs2113t-f08-4.github.io)</p> <ul style="list-style-type: none"> - Bug fixes for v2.1 (no more new features?) <p><u>Look through code to:</u></p> <ul style="list-style-type: none"> - Make code more protected - Make code more consistent <ul style="list-style-type: none"> - → logging? - → check if storage is consistent (e.g. delete a module deletes everything related to module - links, tasks, MCs, etc.)
Tue 6 Apr	→ logging

2100	→ DG → fix bugs → junit test
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Team Member:	Main Work Allocation: Things to do: Everyone will contribute to the figure 6 thingy. Architecture: plant - follow Vishruti style Create at least 2 UML diagrams for each member. Sequence diagram: plant Class diagram: plant Storage class diagram: Hazel Ui class diagram: Hazel Main framework for class diagrams: Yong Han Manual testing: Nikhila Glossary: Li Ping User stories (joint) -- for your individual features - copy from issues Class diagrams(joint) -- like figure 6 - the feature folder Logging for text file - Yong Han Do your own logging parts Sequence diagrams (individual) -- individual methods JavaDoc
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	<p>PPP</p> <p>If have time: JUnit testing</p> <p>Video thing, over weekend or do next monday Due next wednesday.</p>
See Yong Han	Links menu, Add zoom links, UG: command summary
Wong Li Ping	Help Graduation, Add/View module description, Add/View components and their weightage, UG: editor
Hazel Hedmine Tan	Task management, Add and delete tasks, UG: quick start
Ravikumar Nikhila	Main menu, Main menu for Module Info, Add a review, View all reviews, Delete module, UG: introduction, viewAModule

v1.0

<p><u>Main Menu</u></p> <ol style="list-style-type: none"> 1) moduleInfo 2) helpGraduation 3) manageTask 4) externalLinks 5) exit 	<p><u>Task management menu</u></p> <ol style="list-style-type: none"> 1) Add new task: <ol style="list-style-type: none"> a) Choose 1: <ol style="list-style-type: none"> i) Normal Task ii) Assignment iii) Mid-Terms iv) Finals
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Module information menu

- 1) **Add/View module description**
- 2) **Add/View components and their weightage**
- 3) View All Modules
- 4) **Add a review**
- 5) View all reviews
- 6) **Delete module**
- 7) Delete tasks
- 8) Exit

Help Graduation menu

- 1) **View/Edit Current CAP + Number of graded MCs taken**
- 2) Simulate future CAP
- 3) Exit

b) Add message to print after deleting tasks

- 2) View all tasks
E.g. Here are your pinned tasks:
pinned

Here is all your tasks:

[CS2101] Task 1

[CS2113T] pinned

- 3) Pin task
- 4) Exit

Links menu**1) External links****External links menu**

- 1) **Add links**
- 2) **Delete links**
- 3) **View links**
- 4) **Exit**

- 2) Add Zoom links (Synced to Mod Info)
- 3) View zoom links
- 4) Exit

GITHUB/SOURCETREE/INTELLIJ WORKFLOW

1. Pull from upstream(team's repo) to my sourcetree master (local repo).
2. Push sourcetree master to my github master (own remote repo).
3. Make a branch.
4. CREATE AN ISSUE ON GITHUB
5. Make changes in that branch via IntelliJ.
6. Commit changes to the branch you made.
7. Push this branch onto my github master(own remote repo).
8. Create pull request for that branch to team repo. DON'T MERGE PULL REQUEST YET.
9. BEFORE MERGING PULL REQUEST, type "Fixes #<issue number>" under the PR comment ([Linking a pull request to an issue - GitHub Docs](#))
10. Accept your pull request and resolve merge conflict if have.
11. Inform group members.

QnA

Do we merge our branch to our own master branch? NAH not necessary. We only touch our own master branch in sourcetree when we pull from upstream [Yes or No?]

We should pull into our master branch in sourcetree AND also pull into other branches in sourcetree to keep them updated.

V1.0 features demo

Main Menu

Hello from

```
  ----      -  
|  _ \ _ _ | |  ----  
| | | | | | | | / / _ \  
| | _ | | _ | | < _ /  
| ---- / \ _ , _ | \ \ ---- |
```

Main Menu:

- [1] Module Information
- [2] CAP Simulator/Calculator
- [3] Task Manager
- [4] External Links
- [5] Exit Program

Module information menu

```
Welcome to the module information menu ^~^
Please choose which action you would like to do and enter the number:
[1] --- Add/View Module Description
[2] --- Add/View Components and Their Weightages
[3] --- View All Modules
[4] --- Add a Review
[5] --- View All Reviews
[6] --- Delete modules
[7] --- Exit to main menu
```

1) Add/View module description

```
1
What module would you like to modify? [moduleName e.g. CS2113T]
CS2113T
This module does not exist, would you like to add it? [Y/N]
Y
Key in the module description for CS2113T:
software engineering
Module description for CS2113T added:
software engineering
Returning to module information menu...
```

```
1
What module would you like to modify? [moduleName e.g. CS2113T]
CG2271
This module does not exist, would you like to add it? [Y/N]
Y
Key in the module description for CG2271:
RTOS
Module description for CG2271 added:
RTOS
Returning to module information menu...
```

```
1
What module would you like to modify? [moduleName e.g. CS2113T]
CS2113T
Module exist!
Here is a description of the module you have added previously

software engineering

Returning to module information menu...
```

2) Add/View components and their weightage

```
2
Would you like to add/view component(s) to a module? [Y/N]
Y
Key in 1 to add component and 2 to view component
1
Module Name?
CS2113T
Please key in your component and percentage of the component.
Leave space between component and percentage only.
Example: FinalExam 20
FinalExam 20
Component and weightage added!
```

```
2
Would you like to add/view component(s) to a module? [Y/N]
Y
Key in 1 to add component and 2 to view component
2
Module Name?
CS2113T
{FinalExam=20}
```

3) View All Modules

```
Here are the modules in your Modules List:
```

```
-----  
[1] --- CS2113T
```

```
[2] --- CG2271  
-----
```

4) Add a review

```
4  
Here are the modules in your Modules List:  
-----  
[1] --- CS2113T  
[2] --- CG2271  
-----  
Please choose which module you would like to review and enter the number:
```

```
1  
After you finish your review, type '/end' to finish reviewing.
```

```
Enter your review for CS2113T below:
```

```
I think this is a fun module.  
I love OOP so much!  
IntelliJ is a very nice IDE to use.  
Lectures were interesting.  
Overall: 5/5  
/end
```

```
Woohoo~ Review added:  
I think this is a fun module.  
I love OOP so much!  
IntelliJ is a very nice IDE to use.  
Lectures were interesting.  
Overall: 5/5
```

```
Returning to module information menu...
```

5) View all reviews

```
4
Here are the modules in your Modules List:
-----
[1] --- CS2113T
[2] --- CG2271
-----
Please choose which module you would like to review and enter the number:

2
After you finish your review, type '/end' to finish reviewing.
Enter your review for CG2271 below:
Very fun module:) Midterms was tricky:(
Labs are fun:)
Overall:5/5
/end
Woohoo~ Review added:
Very fun module:) Midterms was tricky:(
Labs are fun:)
Overall:5/5

Returning to module information menu...
```

6) Delete module

6

Here are the modules in your Modules List:

[1] --- CS2113T

[2] --- CG2271

Enter the module number to be deleted:

2

You've deleted this: CG2271

NOTE: You are deleting your review

Very fun module:) Midterms was tricky:(

Labs are fun:)

Overall:5/5

NOTE: You are deleting your module description

Real-Time Operating Systems

Returning to module information menu...

CAP simulator/calculator menu

4) Edit Current CAP + Number of graded MCs taken

```
2
Please choose which action you would like to do and enter the number:
[1] --- Add CAP and Number of MCs graded taken
[2] --- View CAP and Number of MCs graded taken
[3] --- Simulate future CAP
[4] --- Exit

1
-----
Please key in your current CAP: [e.g. 4.33]

5
Please key in the number of MCs graded you have taken so far:

20
Current CAP: 5.0
Number of Graded MCs Taken: 20
-----
Please choose which action you would like to do and enter the number:
[1] --- Add CAP and Number of MCs graded taken
[2] --- View CAP and Number of MCs graded taken
[3] --- Simulate future CAP
[4] --- Exit
```

5) View Current CAP + Number of graded MCs taken

2

Current CAP: 5.0

Number of Graded MCs Taken: 20

Please choose which action you would like to do and enter the number:

[1] --- Add CAP and Number of MCs graded taken

[2] --- View CAP and Number of MCs graded taken

[3] --- Simulate future CAP

[4] --- Exit

6) Simulate future CAP

3

You may key in your letter grades and MCs associated with the letter grade.

Key in a grade: [e.g. A+, B, B-]

A

Key in MCs for the associated module:

4

Key in a grade: [e.g. A+, B, B-]

C

Key in MCs for the associated module:

4

Key in a grade: [e.g. A+, B, B-]

ok

The simulated cumulative average point you have is:

4.571428571428571

7) Exit

Task management menu

3

Welcome to the Task Manager menu ^o^

Please choose which action you would like to do and enter the number:

- [1] --- Add New Task
- [2] --- Delete a Task
- [3] --- View All Tasks
- [4] --- Pin a Task
- [5] --- Exit

5) Add new task

1

Please choose which type of task you would like to add and enter the number:

- [1] --- Task
- [2] --- Assignment
- [3] --- Midterm
- [4] --- Final Exam

a) Task:

```

1
-----
What is the module of the task you want to add?
CS2113T
-----
What is the description of the task you want to add?
team meeting
-----
What is the message you would like to see after completing this?
yayyyy
-----
You've added this: [CS2113T] team meeting
Returning back to TaskManager menu now!
-----

```

b) Assignment/Midterm/Final Exam

```

2
-----
What is the module of the assignment you want to add?
CS2113T
-----
What is the description of the assignment you want to add?
finish tp v1.0
-----
What is the date of the assignment you want to add?
2021-03-18
-----
What is the time of the assignment you want to add?
23:59
-----
What is the message you would like to see after completing this?
good job
-----
You've added this: [CS2113T] finish tp v1.0 (by: Mar 18 2021, 11:59 PM)
Returning back to TaskManager menu now!
-----

```

6) Delete a task

```

2
-----
Please choose which type of task you would like to delete and enter the number:
[1] --- Task
[2] --- Assignment
[3] --- Midterm
[4] --- Final Exam
1
-----
This is the list of your tasks:
1. [CS2113T] team meeting

What is the number of the task you want to delete?
1
-----
You've deleted this: [CS2113T] team meeting
NOTE: yayyyy
Returning back to TaskManager menu now!
-----

```

7) View all tasks

```

3
-----

This is the list of your pinned tasks:


This is the list of your tasks:


This is the list of your assignments:
1. [CS2113T] finish tp v1.0 (by: Mar 18 2021, 11:59 PM)


This is the list of your midterms:


This is the list of your final exams:


-----

```

8) Pin task

4

Please choose which type of task you would like to pin and enter the number:

- [1] --- Task
- [2] --- Assignment
- [3] --- Midterm
- [4] --- Final Exam

2

This is the list of your assignments:

1. [CS2113T] finish tp v1.0 (by: Mar 18 2021, 11:59 PM)

What is the number of the task you want to pin?

1

You've pinned this: [CS2113T] finish tp v1.0 (by: Mar 18 2021, 11:59 PM)

Returning back to TaskManager menu now!

9) Exit

5

Main Menu:

- [1] Module Information
- [2] CAP Simulator/Calculator
- [3] Task Manager
- [4] External Links
- [5] Exit Program

Links menu

1) Add links

```
1
Please enter the link in this format:
<scheme>www.<domain name>.<TLD>/<path name>
supported schemes: https, http for now... Sorry!
supported TLD: .com, .org for now... we will work on it!

https://www.youtube.com/java
Alright! I have added the following link --- https://www.youtube.com/java

Welcome to the external links menu!
Please choose which action you would like to do and enter the number:
[1] --- add link
[2] --- remove link
[3] --- view links
[4] --- exit to links menu
```

2) Delete links

2

Please choose which link you would like to delete and enter the number

These are the links you have added --->

[1] --- <https://www.youtube.com/java>

1

You have deleted --- <https://www.youtube.com/java>

Welcome to the external links menu!

Please choose which action you would like to do and enter the number:

[1] --- add link

[2] --- remove link

[3] --- view links

[4] --- exit to links menu

3) View links

3

These are the links you have added --->

[1] --- <https://www.imf.org>

Welcome to the external links menu!

Please choose which action you would like to do and enter the number:

[1] --- add link

[2] --- remove link

[3] --- view links

[4] --- exit to links menu

4) Add zoom links

2

Please enter the zoom link and the module it is for in this format:

<zoom link> <module code>

<https://nus-sg.zoom.us/j/82190325074?pwd=M2NjZTRtQVpRc0loMnVlaUpsRU5TZz09> cs2101

Does your meeting have password which you would like to add? [Y/N]

Y

Please enter your password below!

cs2101rocks

Woohoo~ Zoom link added:

<https://nus-sg.zoom.us/j/82190325074?pwd=M2NjZTRtQVpRc0loMnVlaUpsRU5TZz09> for cs2101

Welcome to the links menu ^~^

Please choose which action you would like to do and enter the number:

[1] --- External links menu

[2] --- Add Zoom links

[3] --- View Zoom links

[4] --- Exit to main menu

5) View zoom links

```
3
Here are your zoom links! Study hard :)

[https://nus-sg.zoom.us/j/82190325074?pwd=M2NjZTRtQVpRc0loMnVlaUpsRU5TZz09, cs2101, cs2101rocks]
[https://nus-sg.zoom.us/j/84230756398?pwd=NU160HordXQwU0FsWldnT3NwSm1tdz09, cg2023]
Welcome to the links menu ^~^
Please choose which action you would like to do and enter the number:
[1] --- External links menu
[2] --- Add Zoom links
[3] --- View Zoom links
[4] --- Exit to main menu
```

Target audience: NUS Students **Product Name:** UniTracker

Target Users: This product is for NUS students and can keep track/add/edit module information, and deadlines. This product is for users who prefer CLI over GUI.

Value Proposition: Our product is user-specific as it allows users to customize and personalize their own module information and deadlines to suit their needs. Our product allows users to organize their own daily schedules and keep track of their deadlines all on one platform.

Brainstorm Ideas for UniTracker

Main feature: Store information about modules & assignments

1. 2113 - description
 - Graded components: ...
 - Deadlines: ...
2. CAP Calculator?
3. Hyperlink - for NUSMods
4. On CLI - can search for modules on NUSMods and choose to add it in their notes

Brainstorm User Stories

Team Member	User stories Bolded stories: v1.0
See Yong Han	<p>As a user, I can add a date to a task, so that I can record when a task needs to be done.</p> <p>As a student, I want to be able to look at all my academic information on one platform so that it is more convenient for me.</p> <p>As a busy person, I want all my information to be on the same platform so that it makes things easier for me.</p> <p>As a lecturer, I want to use the same platform each time so that it is more convenient for me.</p> <p>As a forgetful person, I want a platform that sets deadlines so that it reminds me of my next assignment submission.</p> <p>As a new user, I want a guide that teaches me how to use the app so that I am aware of the features.</p> <p>As an impatient user, I want a platform that doesn't crash or have many bugs so I know I can trust it.</p> <p>As a student that travels a lot, I want a platform that can be used offline so that I can access the platform anytime and not worry about using data.</p> <p>As a user that prefers using CLI over GUI, I can have direct control over the features so that I can do things more efficiently.</p> <p>As a user that has used NUSMods previously, I can use the hyperlink to access it so that I can retrieve information that might not be available on uniTracker.</p>

	<p>As a student, I want a link to NUS subreddit so that I can ask for help if needed and socialize.</p>
Wong Li Ping	<p>As a freshman, I can see the links useful for each faculty, so that I can refer to the links I am interested base on my course.</p> <p>As a potential NUS undergraduate, I can see the general links NUS students access, so I do not miss out any important information.</p> <p>As a user ready to start using the app, I can add modules and its related information, so I keep track of my modules for the semester.</p> <p>As a long-time user, I can add module grades, so I can calculate my cumulative average point after the semester.</p> <p>As a user, I can see the pending tasks that have the earliest deadline, so that I know what I need to do. (from 2113 website lol)</p> <p>As a student, who is new to the module, I can see the module information, so that I know what to expect for the module.</p> <p>As a student, I can mark my modules as completed, so that I can better plan for my subsequent semesters ahead.</p> <ul style="list-style-type: none"> As a long-time user, I can archive/hide unused data, so that I am not distracted by irrelevant data. <p>^from 2113 website too, just thought this may be relevant.</p> <p>As a student, I can add personal reviews on modules I have taken, so I know what to recommend to my peers</p> <p>As a student, I can key in grade details, so I can see how different grades will affect my cumulative average point.</p>

	<p>As a student, I can add module descriptions to each module, so I am aware of the objectives of the module.</p>
<p>Hazel Hedmine Tan</p>	<ol style="list-style-type: none"> 1. As a student, I can list out my module assignments so that I know the component weightage of my assignments for different modules. 2. As a TA, I can keep track of what to do for the modules I am TA-ing so that I will stay on task while completing my own studies. 3. As a student planning modules for a semester, I can get a link to module information on modreg so that I won't need to always open up modreg. 4. As a student, I can keep track of my grades and estimate my cap so that I am aware of my academic progress. 5. As a student that likes to use planners, I can have one platform to keep track of my to-do list, module and grades information so that I don't have to refer to multiple sites or platforms. 6. <u>As a student, I can see pending assignments according to the closest deadlines so that I will know which assignment to prioritise.</u> 7. As a student, I want to know the grades I need to get for my modules to reach my expected CAP, so that I will know how to prioritise or how much effort to put into my modules. 8. As a student, I want to keep track of my grades of previously taken modules so that I know what grades I got and what modules I have SU-ed 9. <u>As a student, I want to see the number of SU MCs I have left so that I can plan my modules accordingly.</u> 10. As a student, I want to create and view a weekly to-do list so that I can plan in advance and help me manage my time well. 11. As a student, I want to be able to categorise my tasks to normal tasks or assignments and exams.
<p>Ravikumar Nikhila</p>	<ol style="list-style-type: none"> 1. As a new user, I can have a list of command suggestions to choose from so that it will be easy for me to navigate the platform.

- | | |
|--|---|
| | <ol style="list-style-type: none">2. As a long-time and regular user/student, I can rank / edit the <u>priority level</u> for the different tasks/information I have.3. As a student, I can see the <u>percentage of my grades</u> for my assignments and exams so that I can prioritise the ones with a bigger percentage.4. <u>As a student, I can see how many MCs I have yet to complete to satisfy graduation requirements, so that I can see my progress in terms of graduation, and not just the upcoming semester.</u>5. As a student, I can view all my current modules' <u>integrated deadlines and exam dates</u> so that I can plan my revision accordingly and pace myself.6. <u>As a student, I can add the approximate time taken to complete different tasks so that I can submit my work on time.</u> (v2 has ranking according to duration)7. As a regular user, I can create <u>tags</u> for different modules, information and tasks so that I can categorise my module information.8. As a TA, I can include the module information of classes that I am <u>teaching</u> and integrate it with my timetable.9. As a student heavily involved in CCA/with other interests, I can <u>block out time slots</u> to dedicate a recommended time outside of academics.10. As a student with financial constraints, I can <u>track my expenses</u> for the week/month and ensure I stay within my budget?11. As a student with <u>health issues</u>, I can track my appointments/food and calories I take/the time I spent outdoors or exercising/the amount of water I drink/record my temperature and other symptoms so that I can take care of myself.12. As a student, I can manually add follow-up tasks to be automatically added onto the list after I complete a task (e.g. finish a module -> finish module survey, add module review, etc.)13. As a student, I can add a message that I want to be printed out after I complete a task, so that it can remind me about future tasks/what I should do next. |
|--|---|

Feature	Examples <u>Color code:</u> User input Prompt
moduleInfo	->print menu (1-4) 1 -> What module would you like to modify? [moduleName] Cs2113t ownon dao1704x -> logically no one would do this -> This module doesn't exist, would you like to add it? [Y/N] Y -> Are you a student or TA? [student/TA] student -> Hey student ! <print out 1-7> ->What would you like to do? 1 <if module info alr exists> -> Your previous module info: -> Would you like to redo the information? [Y/N] Y -> <same as below> -> Input module info: Blah blah blah -> info added! <print 1-7 again> 8 -> <print out main menu 1- 4>
helpGraduation	Prompt: <helpGraduation front page> /calcap Prompt: <list missing grade info e.g. cg1112 cs2040c, else calculate existing module grades> /sim calcap

	<p>Prompt: enter <MCs> <expected grade></p> <p>4 A</p> <p>Prompt: enter <MCs> <expected grade></p> <p>4 A+</p> <p>Prompt: enter <MCs> <expected grade></p> <p>4 B+</p> <p>done</p> <p>Prompt: <Stops prompting for MC and expected grades></p> <p>Prompt: <prints calculated CAP and exits to helpGraduation front page></p> <p>/suleft</p> <p>Prompt: <list number of su left and exits to helpGraduation front page></p> <p>/1kleft</p> <p>Prompt: <list number of 1k MCs available to take and exits to helpGraduation front page></p>
manageTask	<p>-> print task menu</p> <p>2</p> <p><say after inputting task></p> <p>-> what message would you like to receive upon completing this task?</p> <p>Woohoo! Congrats, you're free!</p> <p>-> message saved.</p> <p>-> Is this your TA work or Student work? [TA/Student] <assume TA></p> <p>TA</p> <p>-> I have tagged this under TA work.</p> <p>3</p> <p>-> here are your tasks sorted by the deadlines! <print sorted list></p> <p>4</p> <p>-> print main menu (exited already)</p> <p>Hi I think we might have to discuss the deadline/todo/event bc it shouldnt be exact same as ip i think otherwise itll just be copying :(so i think this part we can discuss together on thurs!!</p>

externalLinks

-> print menu (1-4)

4

-> <print links menu 1-3>

1

-> <print out default links: NUSMod, Luminus, Edurec, Talentconnect>

-> <print external links menu 1-3>

1

-> input new link:

Smth.com

-> <print out default + added links>

-> <print out external links menu>

3

-> <print links menu 1-3>

2

-> <print out current zoom links if exist>

-> <print zoom links menu 1-3>

2

-> what is the name of the link you want to delete?

Cs2113t lab

-> cs2113t lab deleted! <print out zoom links + menu 1-3>

3

-> <print out links menu 1-3>

3

-> <print out main menu 1-3>

V2.0

Logo:

<https://patorjk.com/software/taag/#p=display&h=0&v=0&f=Train&t=UniTracker%0A%0A%0A%0A%0A%0A%0A>

CHANGE DUKE logo

Storage (create class, file reader...)

- module info[N]
- Task management [H]
- Current cap [LP]
- Links [YH]

Main Menu

- 1) moduleInfo
- 2) helpGraduation
- 3) manageTask
- 4) externalLinks
- 5) Exit

Print pinned task [h]

Module information menu

- 1) Add new module[N]
- 2) View a module[N]

[INTEGRATION; our own respective parts]

CS2113T

Description: werwe

MC:

Help Graduation menu

- 1) View/Edit Current CAP + Number of graded MCs taken
- 2) Simulate future CAP
- 3) Exit

Task management menu

- 1) Add new task:

Only add tasks to modules that exist

These are the modules:

- CS2113T
- CS2101
- Error message: add module from moduleinfo [h]

a) Choose 1:

- i) Normal Task
- ii) Assignment
- iii) Mid-Terms
- iv) Finals

Add task suggestion for each task type (top 2 common ones)

b) Add message to print after deleting tasks

- 2) Mark/Unmark Task as Done (message prints here)[H]
 - 3) Delete task
 - 4) View all tasks
- sort according to time /module name

Components:

W - 3

Wq -239%

Tasks:

Wqemq

Weqe

Zoom links:

Qeeqeqwq

Review:

Wqeqweq

- 3) Add/View components and their weightage
- 4) Add module MC (LP)
- 5) Add module grade (LP)
- 6) View All Modules
- 7) Add new task[H]
- 8) Add zoom links[YH]
- 9) Add a review
- 10) View all reviews
- 11) Delete module
- 12) Delete task[h]
- 13) Delete zoom links[YH]
- 14) Delete review[N]
- 15) Exit

5) Pin task

6) Exit

Links menu

1) External links

External links menu

(Add default links) [YH]

1) Add links

2) Delete links

3) View links

4) Exit

2) Add Zoom links (Synced to Mod Info)

3) View zoom links

4) Delete zoom links[YH]

5) Exit

Things to fix:

- 1) [DONE]Module info menu prints extra line before user input [N]
- 2) Organise moduleInfo menu: Small horizontal lines to separate features (separate module stuff, tasks, links)
- 3) [DONE]Pinned tasks at top of welcome page after unitracker message [H]
- 4) [DONE]Move "returning to module info menu" message to main code [N]
- 5) [DONE]Rename Storage class [N]
- 6) [DONE]Storage methods very bulky in main code [N]
- 7) Standardise "Return to smth menu ..." message
- 8) [DONE]Add horizontalLine to readCommand method (so line will print after every user input) [H]
- 9) "Welcome to CAP Simulator" + remove extra blank line after menu printed out [LP]
- 10) After links menu should not have horizontal line, line should be after user input
- 11) [DONE]User Guide Bug - fix website version (from 3.1.5 onwards) [N]
- 12) Different colour for inputs in UG
- 13) Collapsible section for DG

-- fix our own bugs; make our own parts better

-- zoom links delete method

-- Mark as done

-- **Storage to load and store information**

-- FAQ section in UGDG

~~-- universal quit command /q -- exit to main menu~~

~~for sorting: can have more filters based on how many MCs, can S/U or not...~~

~~-- sorting tasks based on estimated time taken~~

Sort by:

~~-- dates/time~~

~~-- how many MCs~~

~~-- weekly to-do list: with time slots for CGA/Academics~~

~~-- tags~~

~~-- help command~~

-- As a student, I can manually add follow-up tasks to be automatically added onto the list after I complete a task (e.g. finish a module
 -> finish module survey, add module review, etc.) (lp - that would be a diff layout from what we are heading for i supposed but really
 interesting. So it's like you key in all the deadlines first. When you list the work, it's not categorised by modules+earliest within the

module BUT it shows the work first to be done in each module + auto-follow up, V V interesting!! hahah - I would suggest maybe can just do for tests and exams that has fixed schedule?)

AUTOMATED TASK SUGGESTION

-- Do you want to add this for next week? - since it is tiring to keep adding it every week

--top 2 frequent suggestions

REMINDERS SECTION? → can use current date and time to check if smth has to be reminded

Deleted features:

-- nusMods integrated if possible??

--prerequisite tracker?? (method: extract info from modreg (in a jar file?)then package it into our project, then somehow extract the info from there. But file may be very large. Seems very hard so not sure if we should do it cause idt it will give us extra marks since we're only supposed to spend around same level as ip) - (nikhila) yea this seems too much for a simple project so maybe we should drop it; INSTEAD we can ask user to input messages to be printed out once a task is complete e.g. if (CS1010 is completed) -> print "yay you can now code in C! You can now take CS2040C..."

-- print follow-up modules

Tips to make a good User Guide (UG):

- Bulleted points / numbered steps
- Screenshots with labels, arrows
- Icons to show the user what to click
- Tips (1-liners)

Tips to make a good Developer's Guide

- How to use the guide
- How to use the product
- Diagrams
- Concise
- Code examples
- Consistent! Use same formats for every team member

Things we lack for ug:

Intro

- 1) Target audience(identify audience clearly) and purpose of the user guide
- 2) Clear and complete information on how to use the guide (how to navigate doc, meaning of icons and formatting etc), legend for colors/icons/whatever used
- 3) Explain what gui and CLI is (in intro paragraph)

Instructions for each implementation

- 1) Include warnings, tips, important notes
- 2) Include expected message for wrong input
- 3) **For us:** discuss formatting, what should be bolded, marked up or whatever
 - Less draggy
 - Example formatting

Language:

- 1) YOU language e.g. “You can do this...” instead of “User can do this...”
 - Standardise this!!!!

Presentation:

- 1) **For us:** use better theme?

Things we lack for dg:

Intro

- 1) Purpose for developer guide
- 2) Target reader should be identified and addressed directly
- 3) Explanation on how to use user guide (meaning of icons, colors etc)

Description of system design

- 1) Describe how each enhancement is linked to/situated within the overall architecture system
- 2) Describe how system reacts to user input
- 3) UML diagrams with clear descriptions

Presentation

- 1) Graphics should be labelled

Questions for CS2101 User Guide Consult

- 1) Are using colors recommended to customize our user guide? For example, different colors for headers. Can - but don't have to.
- 2) Which User Guide link will we be graded on? Will it be the one we sent to the Prof?
- 3) How should we structure our examples? RN for each example, it is input output with many intermediate input output for a command (e.g. adding of tasks). In this case, should we only give only the first and final input and output?
- 4) Can we simply give format for each command, however this will skip the intermediate outputs in the UG.
- 5) Put intermediate inputs inside an appendix?
- 6) What sections is the Prof looking for?
- 7) Do we need an example for every command? Big block of code for input and output

(not recommended)

Collapsible section:

<https://gist.github.com/pierrejoubert73/902cc94d79424356a8d20be2b382e1ab>

Instead use hyperlinks to move to another section (e.g. back to Table of Contents)

Big block of code for input and output

Lesson 4.1 slide 96 - convert to PDF for submission!

RAW from Prof Catherine:

Table of contents is OK. which is fine. Think about introduction. Front matters 20%. Identify who the users are, who the ug is for. Keep track of what. All information, what information? RN nothing is known for front matters, at most pass.

Instruction is 50%. Make it less dragging. Make sure input and output are clear to show it is a certain command.

Fonts. Paragraphing. Consistent spacing has to be done.

Need to use more YOU language.

3.1.1 - have consistent language.

I wrote this on previous page! Can add on to there. Okay, can rephrase all this up there.