

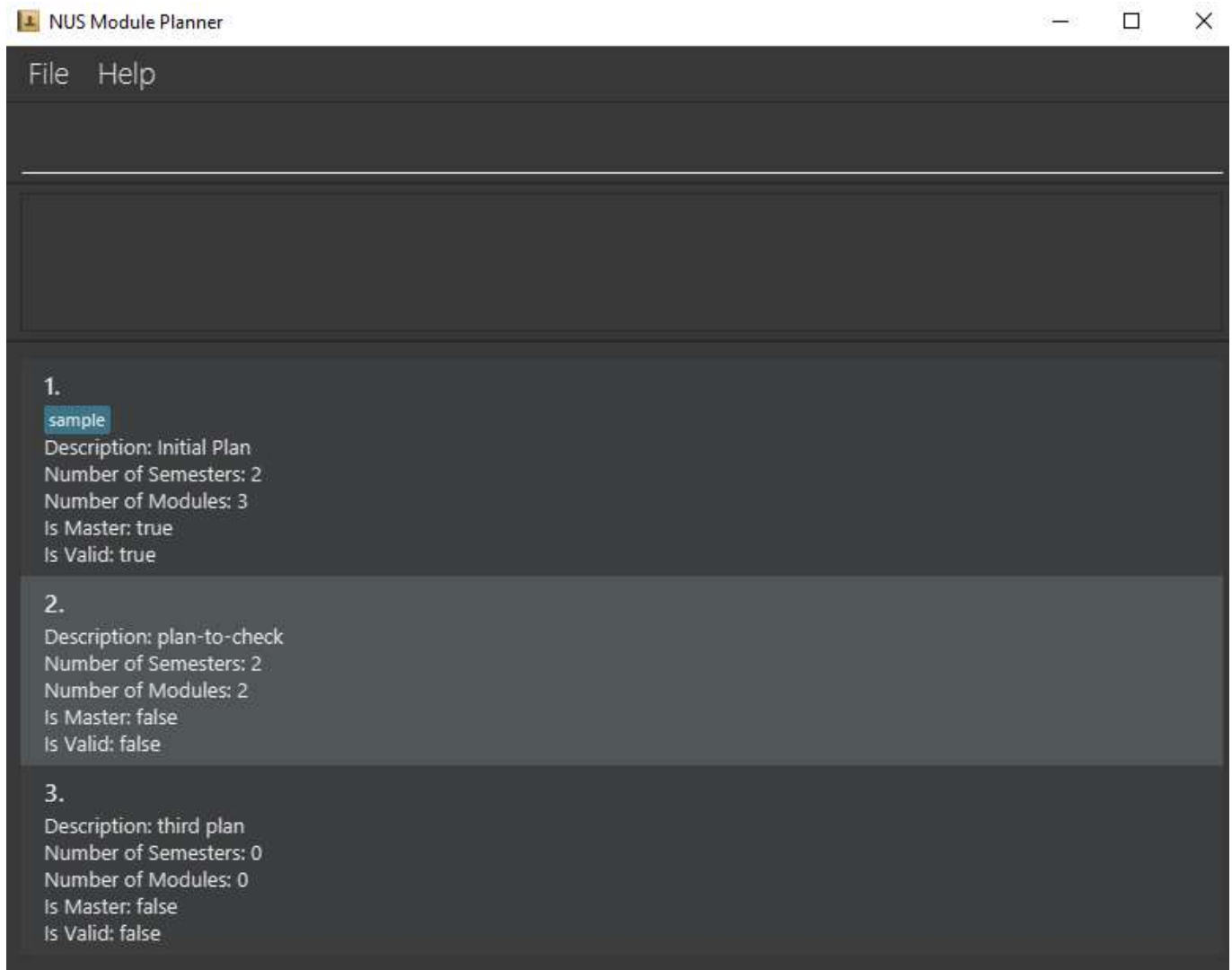
AB-3

User Guide

NUS Module Planner is a **desktop app for NUS students to manage and plan the modules to enrol in upcoming semesters, optimized for use via a Command Line Interface (CLI)** while still having the benefits of a Graphical User Interface (GUI). If you can type fast, NUS Module Planner can get your module planning done faster than traditional GUI apps.

Quick start

1. Ensure you have Java `11` or above installed in your Computer.
2. Download the latest `moduleplanner.jar` from [here](#).
3. Copy the file to the folder you want to use as the *home folder* for your AddressBook.
4. Double-click the file to start the app. The GUI similar to the below should appear in a few seconds. Note how the app contains some sample data.



5. Type the command in the command box and press Enter to execute it. e.g. typing **help** and pressing Enter will open the help window.

Some example commands you can try:

- **list** : Lists all plans.
- **addp d/sample plan** : Adds a plan with description **sample plan** to the Address Book.
- **deletep p/3** : Deletes the 3rd plan shown in the current list.
- **clear** : Deletes all plans.
- **exit** : Exits the app.

6. Refer to the [Features](#) below for details of each command.

Features

i Notes about the command format:

- Words in `UPPER_CASE` are the parameters to be supplied by the user.
e.g. in `addp d/DESCRIPTION`, `DESCRIPTION` is a parameter which can be used as `addp d/Networking Focus Area`.
- Items in square brackets are optional.
e.g. `d/planDesc [t/TAG]` can be used as `d/planDesc t/3 years`.
- Items with `...` after them can be used multiple times including zero times.
e.g. `[t/TAG]...` can be used as `` (i.e. 0 times), `t/3 years`, `t/3 years t/2 internships` etc.
- Parameters can be in any order.
e.g. if the command specifies `p/PLAN_NUMBER s/SEM_NUMBER`, `s/SEM_NUMBER p/PLAN_NUMBER` is also acceptable.
- If a parameter is expected only once in the command but you specified it multiple times, only the last occurrence of the parameter will be taken.
e.g. if you specify `d/myplan1 d/myplan2`, only `d/myplan2` will be taken.
- Extraneous parameters for commands that do not take in parameters (such as `help`, `list`, `exit` and `clear`) will be ignored.
e.g. if the command specifies `help 123`, it will be interpreted as `help`.

Viewing help : `help`

Shows a message explaining how to access the help page.



Format: `help`

User Commands

General Commands

Check graduation : `validate`

Format: `validate`

Note: The validate command checks if a plan is valid by looking at whether or not the modules contained in its history match those of the current `master`. Hence, `master` is always valid. The command does not check for pre-requisites and preclusions with this release.

Example: if master is at current semester `2`, all other plans have their semester `1`s checked, if these semester `1`s match the master module, the plan is valid.

- Shows header
 - Shows plan number
 - Shows description of plan
 - Shows if the plan is valid compared to master plan
 - Shows how many MCs the plan has
 - Shows how many semesters the plan has

Clearing all entries : `clear`

Clears all entries from the address book.

Format: `clear`

Exiting the program : `exit`

Exits the program.

Format: `exit`

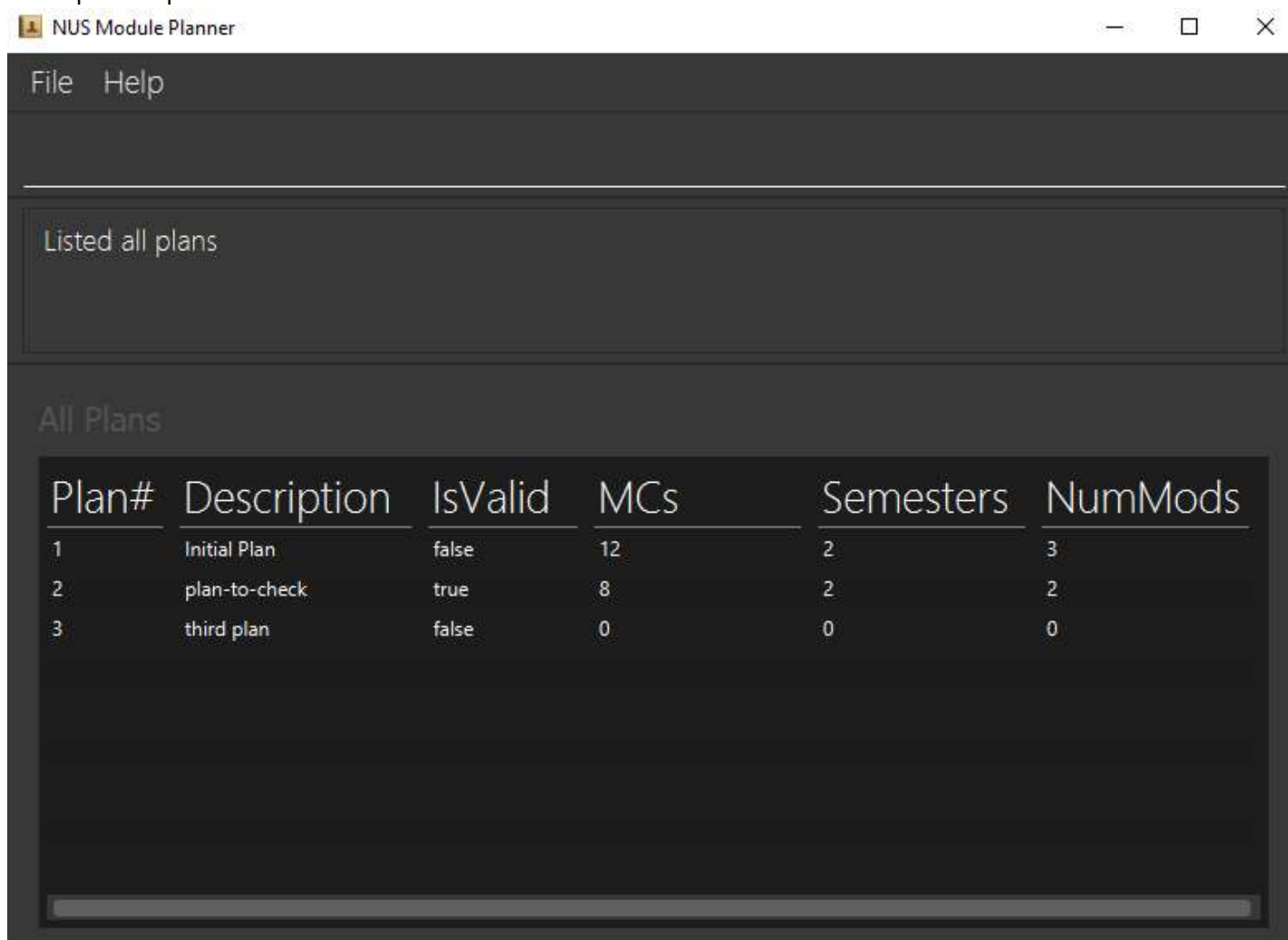
Plan commands

List a summary of all plans: `list`

Format: `list`

This command must be done by the user at least once before they can use other commands. Marks the given plan as the master plan, and this plan should contain all the modules that the user has taken (if any).

Example output:



Create/Delete Plan: `addp` / `deletep`

Format for adding: `addp d/DESCRIPTION [OPTIONAL: t/TAG...]`