Le Duc - User Guide

By: `[AY1920S1-CS2113-T16-1]` `Le Duc`

1. Introduction

Le Duc (The Duke in French) is for student who have multiple life and have to manage them all. Outside, they have to go to school, work part-time, attend club and have fun at some party. At home, they have to do homework, undertake a project, do some chore, cook some nice food. Pretty busy, right ? With this new tool, a student can manage and organise his time more efficiently.

2. Quick Start

1. Please ensure that you have Java `11` or above installed.

2. Download the latest leduc jar file.

3. Execute the jar file.

4. Type the command in the shell.

5. Please refer to Section 3, "Features" part for details of each command.

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  _____
  Hello I'm Duke
  What can I do for you ?

  _____
help
  _____
  All command will be display as :
  commandName [PARAMETERS] : description of the command
  All parameters will be written in UPPER_CASE
  Parameters are :
  DESCRIPTION : the description of a task
  DATE : the date of a task
  INDEX : the index of the task (goes from 1 to ...)
  KEYWORD : the keyword to find a task
  Date format is DD/MM/YYYY HH:mm
  All blank space should be respected
  Here are the list of all command:
  todo DESCRIPTION : create a todo task
  deadline DESCRIPTION /by DATE : create a deadline task
  event DESCRIPTION /at DATE — DATE : create an event task
  list : show all the tasks
  bye : exit the application
  done INDEX : mark as done the task of index INDEX
  delete INDEX : delete the task of index INDEX
  find KEYWORD : find the task with a keyword
  snooze INDEX : snooze a task of index INDEX
  postpone INDEX /by DATE : postpone a deadline task
  reschedule INDEX /at DATE — DATE : reschedule an event task
  remind : remind the first three task
  help : show the list of all command
  _____
```

3. Features

> **Command Format**
>
> - All the blank space must be respected.
> - Words in UPPER_CASE are parameters the users have to write:
>   - DATE : The date format must be dd/MM/yyyy hh:mm where dd is the days, MM is the months, yyyy is the years, hh is the hours and mm is the minutes.
>   - DESCRIPTION: The description of the task
>   - WELCOME: the welcome message
>   - INDEX is the index of the task (goes from 1 to the number of tasks). You can find the index of the task by showing all the task with the command list of by searching the task with the command find.
>   - KEYWORD: the keyword to find a task.

3.1. Viewing all the command: `help`

To show the list of all command : `help`

3.2. Adding a task (`todo` - `deadline` - `event`)

3.2.1. Adding a todo task:

To add a todo task : `todo DESCRIPTION`

Examples:

- `todo read book`
- `todo buy book`

3.2.2. Adding a deadline task:

To add a deadline task : `deadline DESCRIPTION /by DATE`

Example:

- `deadline CS4239: lab3 /by 21/09/2019 23:59`

3.2.3. Adding a event task:

To add an event task : `event DESCRIPTION /at DATE - DATE`

Example:

- `event CS4211: mid-term /at 07/10/2019 09:00 - 07/10/2019 11:00`

Be careful : when creating an event, two dates can't clash

3.3. Find the task by keyword : `find`

To find a task by keyword : `find KEYWORD`

Examples:

- `find book`
- `find buy book`

3.4. Delete a task : `delete`

To delete a task : `delete INDEX`

Example:

- `delete 1`

3.5. Show all the tasks: `list`

To show all the tasks: `list`

3.6. Mark a task as done : `done`

To mark a task as done: `done INDEX`

Example:

- `done 2`

3.7. Snooze a deadline task : `snooze`

To snooze a deadline task: `snooze INDEX` The snooze time is fixed at 30 minutes.

Example:

- `snooze 2`

3.8. Postpone a deadline task : `postpone`

To postpone a deadline task: `postpone INDEX /by DATE`.

DATE is the new date of the deadline task. The new date should be after the old one.

Example:

- `postpone 2 /by 12/12/2020 22:10`

3.9. Reschedule an event task : `reschedule`

To reschedule an event task: `reschedule INDEX /at DATE - DATE`.

Be careful : when rescheduling an event, two dates can't clash

Example:

- `reschedule 3 /at 12/12/2020 10:00 - 12/12/2020 12:00`

3.10. Remind the first three task : `remind`

To remind the first three task: `remind`

3.11. Edit a task : `edit`

To edit a task: `edit`

Then, you have to follow the instructions:

- all the tasks will be showed, you have to choose a task INDEX
- if it is a todo task, you can enter the new DESCRIPTION of the task
- if it is not a todo task, you have to choose 1 if you want to edit the description and 2 if you want to edit the date
  - Then, enter the new DESCRIPTION or the new DATE of the task

Examples:

- Edit the description of the task 2 (todo task)
  - `edit`
  - `2`
  - `DESCRIPTION`
- The task 2 is a deadline task:
  - `edit`
  - `2`
  - `2`
  - `DATE`

3.12. Customize the welcome message : `setwelcome`

To customize the welcome message: `setwelcome WELCOME`

Example:

- setwelcome `hello World`

3.13. Exit the program : `bye`

To exit the program : `bye`

3.14. Sort by (not implemented yet)

Sort all task by date/description: `sort SORTTYPE`

SORTTYPE is either date, description, priority

Be careful:

- Sorting by date is from the sooner to the later
- Sorting by description is sorting the description by alphabetical order
- Sorting by priority is from the most urgent one to the less urgent one

3.15. Prioritize (not implemented yet)

Giving priority to task: `prioritize INDEX prio INDEX`

The first INDEX is the task index

The second INDEX is the priority (goes from 0 to 9)

Be careful:

- The second INDEX can't be less than 0 and more than 9
- 0 is the less urgent, 9 is the most urgent
- When creating a task, you can either specify the priority or not. When the priority is not specified, the task will have a priority of 5.

3.16. Display by day/week/month (not implemented yet)

Display all the task for one particular day/week/month: `display date DATETYPE DATE`

DATETYPE is day, week, month.

DATE is

- a date for the DATETYPE day
- the first date of the week for the DATETYPE week
- a month and the year for the DATETYPE month

Be careful:

- DATE must be in dd/MM/yyyy format for the DATETYPE day and week
- DATE must be in MM/yyyy format for the DATETYPE month

3.17. Create task list (not implemented yet)

Create a different task list: `tasklist DESCRIPTION`

DESCRIPTION is the name of the new tasklist

Be careful:

- The first tasklist will be name main task list, except if it is edited (can't be done for the moment)
- Each new tasklist will have an index automatically

3.18. Display different task list (not implemented yet)

Display different task list, for example one task list for school, one task list for work: `display tasklist INDEX`.

INDEX is the task list index (if exist)

3.19. Shortcut (not implemented yet)

Give shortcut to command : `shortcut`

For each command, the console will output the command name.

The user (you) have to input the shortcut you want.

If the shortcut already exist, the console will tell you to assign another shortcu

3.20. Import other task list (not implemented yet)

If the user want to import another task list: `Import FILENAME`.

The FILENAME is path to the file

Be careful:

- The file must be in the same format as every file in the project
- The file must be in the directory data

3.21. Subtask (not implemented yet)

You can create a subtask of another task: when creating the task, just add `sub INDEX` at the end.

INDEX is the index of the task

4. FAQ

Q) Will there be more feature ?

A) Yes, if we have enough imagination and time and energy.

5. Command Summary

- **help** `help`
- **todo** : `todo DESCRIPTION`
- **deadline** : `deadline DESCRIPTION /by DATE`
- **event** : `event DESCRIPTION /at DATE - DATE`
- **find** : `find KEYWORD`
- **delete** : `delete INDEX`
- **list** : `list`
- **done** : `done INDEX`
- **snooze** : `snooze INDEX`
- **postpone** : `postpone INDEX /by DATE`
- **reschedule** : `reschedule INDEX /at DATE - DATE`
- **remind** : `remind`
- **edit** : `edit` and follow the instructions
- **setwelcome** : `setwelcome WELCOME`
- **bye** : `bye`

> **Not implemented yet**
>
> - **sort** : `sort SORTTYPE`
> - **prioritize** : `prioritize INDEX prio INDEX`
> - **display** : `display date DATETYPE DATE`
> - **create a tasklist** : `tasklist DESCRIPTION`
> - **display tasklist** : `display tasklist INDEX`
> - **shortcut** : `shortcut`
> - **import file** : `Import FILENAME`
> - **subtask** : when creating the task, just add `sub INDEX` at the end