Terence Ng - Project Portfolio

PROJECT: NOVA

Since: Apr 2020

Overview

My team of 4 software engineering students and I were tasked to enhance a simple command line interface (CLI) desktop address book application for our project to cater to users who are accustomed to typing. We decided target fellow software engineering students as our users and expanded on the address book into an organizer, hoping to aid future software engineering students taking this module in managing their activities.

We identified 4 main aspects that can be improved: contact management, activity management, study management and project task management. Thus, we developed a schedule, study planner, progress tracker and refined the given address book to cater to our problem. As a result, Next-gen Organization Virtual Assistant (NOVA) is born.

This portfolio documents the contribution I made to Project NOVA. It contains a section on the summary of contributions towards the project as well as the user guide and developer guide.

Summary of contributions

This section documents a summary of contributions towards the code base, documentation as well as other helpful contributions.

Major enhancement: `view` command

I added the ability to view the activities in the schedule.

- What it does: There are two levels of viewing (by date or by week). The `view` command allows the user to specify the date which he/she wants to view. Alternatively, the user can use the `view week` command to view the activities happening on that date.
- Justification: A schedule that cannot be viewed is useless. Users can choose whether to view the schedule at the daily level or the weekly level.
- Highlight:

Pull requests: [#143](#143)

Minor enhancement: Schedule's framework

I created the framework of the schedule in NOVA.

- What it does: The framework offers a common platform for the other developers working on

the schedule.

- Justification: Having a common framework reduces the conflict between different implementation of the schedule. It also helps us integrate our features easily.

Code contributed:

Here is the link to the code I have contributed: Code Dashboard

Other contributions:

These are some additional contributions I made to the project.

Project management:

- Maintained the documentation of the project on GitHub.
  - Ensured the team's documentation is appropriate and free of error
  - Standardized the format for all to follow so the final document is cohesive.

Documentation:

- Added the view commands under features (#31)
- Improved the introduction and about sections of the user guide (#287)
- Added a notations section to the user guide (#287)
- Added command summary (#287)
- Added a back to top link to improve navigability of the document (#287)

Community:

- Shared problems faced with others on the forum so people encountering similar problems as me can discuss our solutions (E.g. 1, 2).

Contributions to the User Guide

Theses are my contributions towards the user guide.

Introduction

Welcome to the user guide (UG) for Next-gen Organizing Virtual Assistant (NOVA).

NOVA is a one-stop desktop application for CS2103T students to manage all CS2103T related activities. Be it studying or planning project meetings, NOVA has you covered. NOVA is designed for users who prefer to interact with programs through typing.
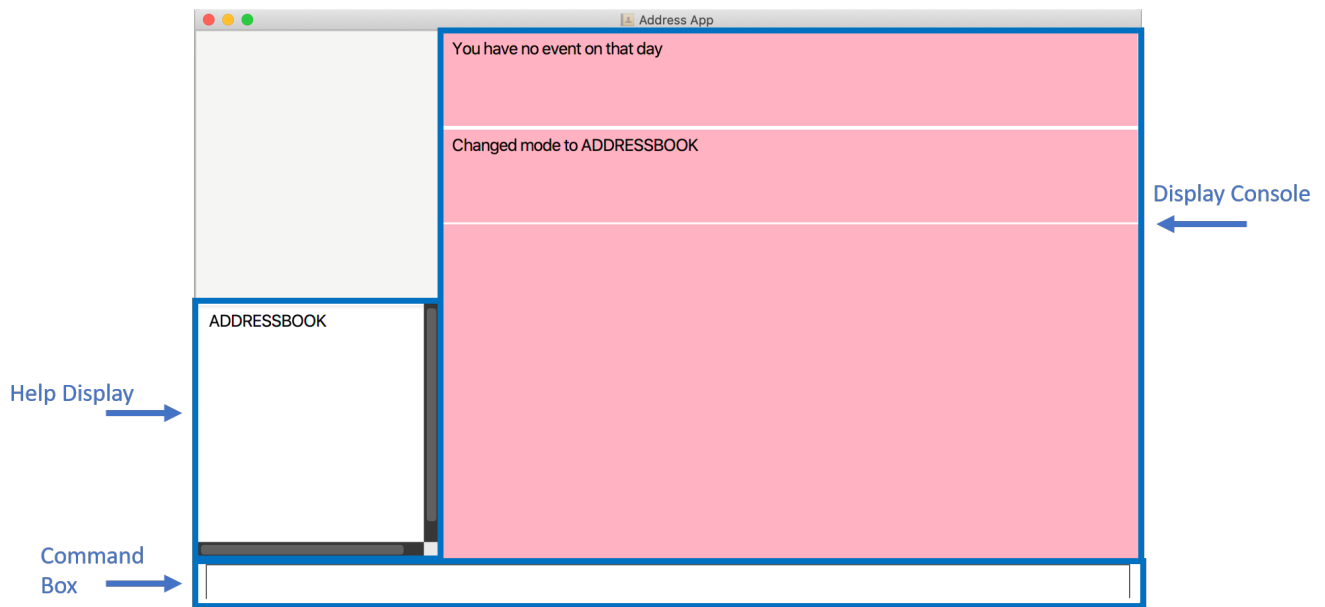
Fig 1: Components of NOVA

About

This UG is a reference guide to help you use NOVA. This document contains a quick start section to get you up and running soon.

There is an entire section dedicated to how to use any particular feature in NOVA. Examples are provided for your better understanding. We have also provided a summary of commands for your quick reference. Should you face any problems, take a look at the FAQ section.

Notations

In this guide, you'll be seeing the following markup being used.

NOTE This icon indicates details that could help you better understand how to use NOVA.

WARNING This icon indicates actions that could negatively affect your experience while using NOVA.

`Commands` and `input fields` are highlighted. ==== View Schedule of a Day: `view` You can view the schedule of a specified day. If there is nothing to do on that day, NOVA will tell you.

Format:
`view t\[YYYY-MM-DD]`

Example:
Suppose you want to check out what events are happening on 29 Feb,

enter the command: `view t\2020-02-20`

NOVA will show your schedule on 20 Feb 2020 as seen below.

Fig 5.3.7: Display message after entering `view t\2020-02-20`

[Back to Top]

View Schedule of a Week: `view`

You can view the schedule of a specified week. IF there is nothing to do on that week, NOVA will tell you.

Format:
`view week i\[week #]`

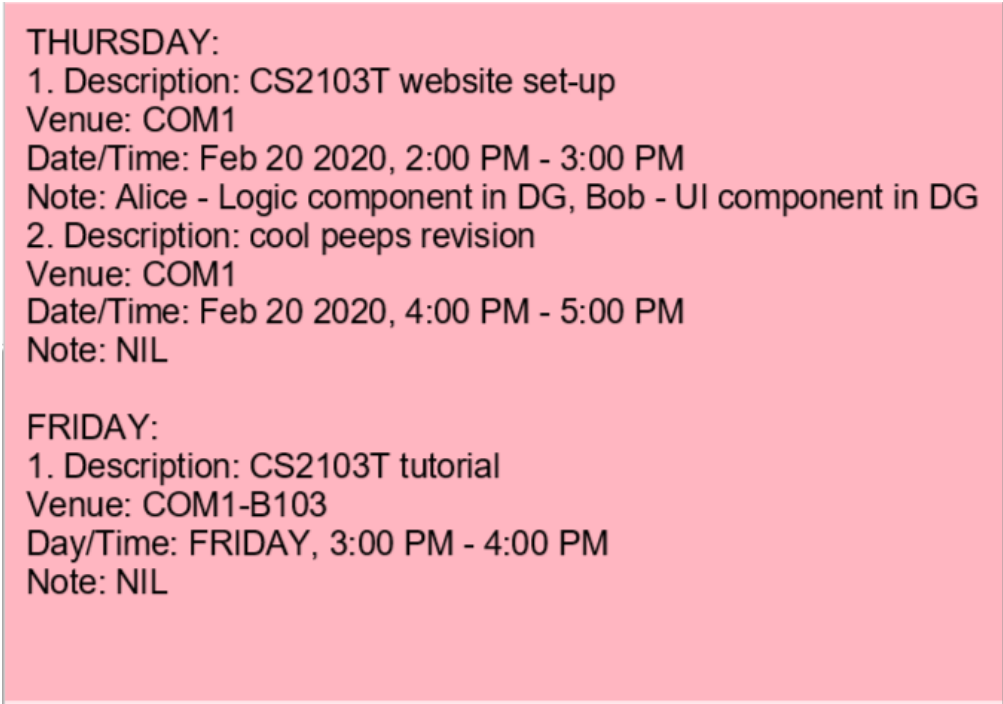|	
NOTE	`[week #]` must be a positive integer. (E.g. 1, 2, 3, …) - Week number for special weeks are as such: - Recess week is week 16 - Reading week is week 14 - Final examination week is week 15

Example:
Suppose you are interested in what is going to happen in week 6 of the semester,

enter the command: `view week i\6`

NOVA will show your schedule in week 6 of the semester as seen below.

THURSDAY:
1. Description: CS2103T website set-up
Venue: COM1
Date/Time: Feb 20 2020, 2:00 PM - 3:00 PM
Note: Alice - Logic component in DG, Bob - UI component in DG
2. Description: cool peeps revision
Venue: COM1
Date/Time: Feb 20 2020, 4:00 PM - 5:00 PM
Note: NIL

FRIDAY:
1. Description: CS2103T tutorial
Venue: COM1-B103
Day/Time: FRIDAY, 3:00 PM - 4:00 PM
Note: NIL

Fig 5.3.8: Display message after entering `view week i\6`

[Back to Top]

Contributions to the Developer Guide

Theses are my contributions towards the developer guide.