Yang Zi Yun - Project Portfolio
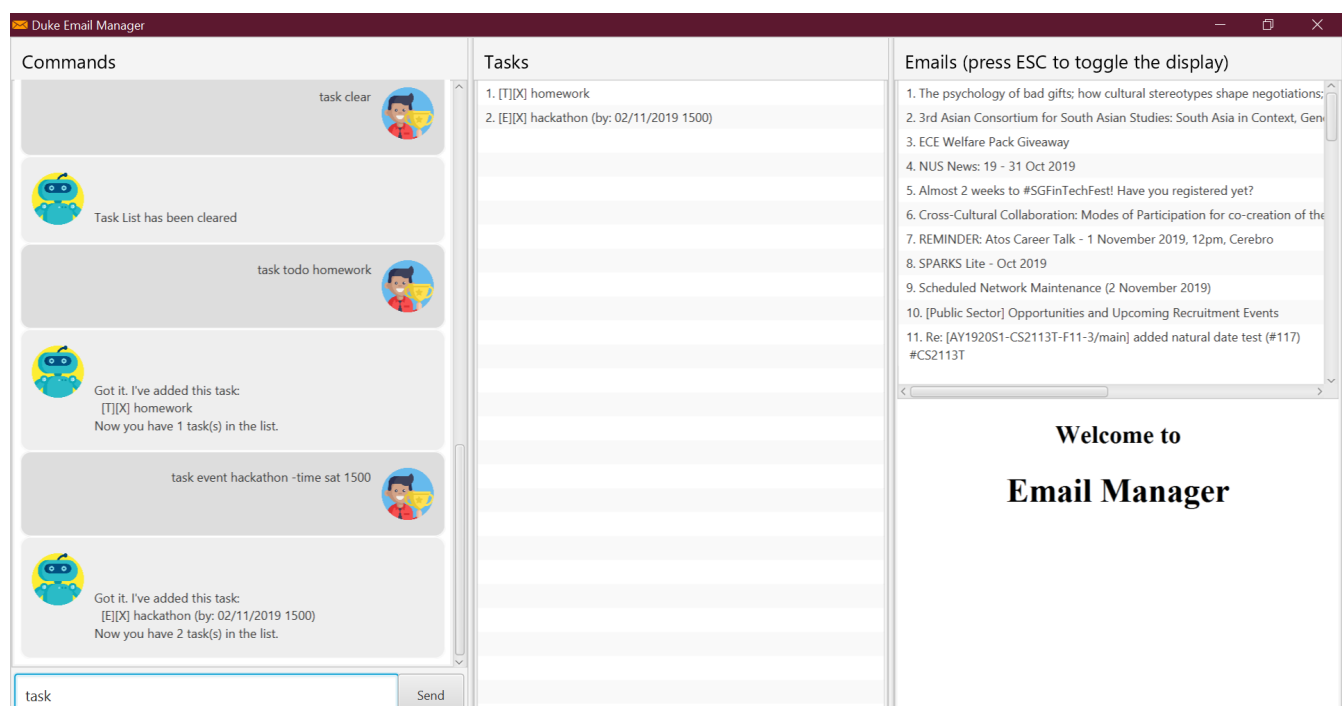
PROJECT: Duke Email Manager

Overview

My team and I developed an Email Manager as a solution for the overwhelming emails received daily in our mailbox.

Email Manager is an email and task manager app, specifically designed for NUS School of Computing Students to manage their emails and busy schedules. As a text-based application, it is optimized for those who prefer typing and working with Command Line Interface (CLI). Email Manager also has a developed Graphical User Interface (GUI) that allows users to view email and task details in an appealing, well-organized format.

The figure below shows interface of our app:

My role was mainly to design and write the codes for email managing including email showing, email tagging and email filtering. The following sections illustrate these enhancements in more detail, as well as the relevant sections I have added to the user and developer guides in relation to these enhancements.

Summary of contributions

This section shows a summary of my coding, documentation, and other helpful contributions to the team project.

- **Enhancement added**: added **the ability to undo/redo previous commands**

  - Email Tagging

  - Email Filtering

  - Email Showing

  - Task detecting Anomalies

- **Code contributed**: added a history command that allows the user to navigate to previous commands using up/down keys.

- **Code contributed**: [Summary of code contribution]

- **Other contributions**:

  - Project management:

    - Managed releases `v1.2.1` on GitHub

  - Enhancements to existing features:

    - Updated the GUI color scheme ([#114](#))

    - Wrote additional tests for existing features to increase coverage from 88% to 92% ([#114](#))

  - Documentation:

    - Update User Guide and Developer Guide

  - Community:

    - PRs reviewed (with non-trivial review comments)

  - Tools:

    - Integrated continuous integration (Travis) to the project ([#107](#))

    - Integrated coverage report (Coveralls) to the team repo ([#107](#))

Contributions to the User Guide

Given below are sections I contributed to the User Guide. They showcase my ability to write documentation targeting end-users.

Unresolved directive in ziyun99.adoc - include::../UserGuide.adoc[tag=delete]

Unresolved directive in ziyun99.adoc - include::../UserGuide.adoc[tag=dataencryption]

Contributions to the Developer Guide

Given below are sections I contributed to the Developer Guide. They showcase my ability to write technical documentation and the technical depth of my contributions to the project.

Unresolved directive in ziyun99.adoc - include::../DeveloperGuide.adoc[tag=undoredo]

Unresolved directive in ziyun99.adoc - include::../DeveloperGuide.adoc[tag=dataencryption]

PROJECT:

{Optionally, you may include other projects in your portfolio.}

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