Project: TaskHub

Overview

TaskHub is a desktop project management application used by project managers to manage projects and their team members in each project. The user interacts with it using a CLI, and it has a GUI created with JavaFX. It is written in Java.

Summary of Contributions

Code Contributed:

My code contributions to TaskHub can be found here.

Enhancements implemented:

- **Upgraded Help Window:**

  - Modified `Ui` for `HelpWindow.java`.
  - Displays a quick guide of all commands.
  - Provides a clickable hyperlink to the user guide at the bottom, instead of the original 'copy to clipboard' feature.
  - Added value to the `help` command.

- **`Task` Model, `addT`, and `deleteT` Command:**

  - Created infrastructure for tasks in both the `model` and `Ui` files – the Ui can be seen in the 'Tasks' section of the `Project`s in the screenshot above.
  - Implemented basic functionality for adding and deleting tasks.
  - Efficiently manages multiple task deletions.
  - Enhanced `addT` to allow task assignment to an employee upon creation using the optional `em/` parameter.

Contributions to the UG:

- **Introductory section**
  - Getting Started
    - Installing and launching TaskHub
    - Understanding the components of TaskHub
    - Quick Start
- **Features section**
  - Explanation for `addT` command.
  - Explanation for `deleteT` command.

Contributions to the DG:

- **Architecture, UI Component, Logic component, Model Component, Employee, Project, Task components**

- ○ Addition of tasks to the Class Diagram for Ui component
- ○ Minor updates and diagram changes to other components (e.g., removing attributes section, updating command names/links)
- **Implementation Section**
  - ○ Upgraded Help Feature
  - ○ Add Task feature (created sequence diagram for this) ####Contributions to team-based tasks:
- Set up the GitHub team org/repo
- Updated diagrams in DG related to Tasks
- Created tags to help with bug triaging post PE-D
- Generated table for PR review allocations here:

Review/mentoring contributions:

- Within the team, we had decided that each of us were to review 2 of our teammates. I mainly reviewed Anton and Aslam's PRs.
- Helped Anton with centering the TaskHub logo in this PR , by providing a code block which gave advice on handling positioning of components on Java FXML.
- Gave Aslam code quality suggestions in this PR so that we could sync up our implementation of deadlines in both `Tasks` and `Projects`.

Contributions beyond the project team:

Evidence of helping others e.g. responses you posted in our forum, bugs you reported in other team's products,

- Reported an above average bug count of 10 with value-added suggestions to my allocated PE-D team, can be seen from the PE-D repo.

Evidence of technical leadership e.g. sharing useful information in the forum

- Participated in the forum in this issue.