TIC2002

INTRODUCTION TO SOFTWARE ENGINEERING

AY19/20 Semester 1

Duke Project Report

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NAME MATRIX NO. GITHUB USERNAME EMAIL Li Shihao A0165362E asmaww e0166067@u.nus.edu



User Stories

- 1. Duke task checklist supports multiple users to use the application;
- 2. As users who prefer faster entries, it would be a great fit for this kind of audience to be able to quickly note down and manipulate tasks using various commands, which are triggered by a few key strokes. It's faster than clicking buttons by mouse in GUI;
- **3**. When the next time users start the program, Duke should still remember the tasks that users had left from last time;
- **4**. There are different types of task that fit in different use cases;
- 5. There are commands that mark task status such as completion and provide views of list of tasks;
- **6**. System should be fast, reliable and provide message to guide correct user behaviour.

Non-functional requirements

- 1. Message from the system should be fun and intimate;
- 2. The system should be smart to guide the users with meaningful alert of what to do rather than just exit;
- **3**. Minimum visual elements/clusters which create distraction for users want to be fast. The aesthetic aims for simplicity and tidiness.

Level-1 The output Duke shows when launching the program

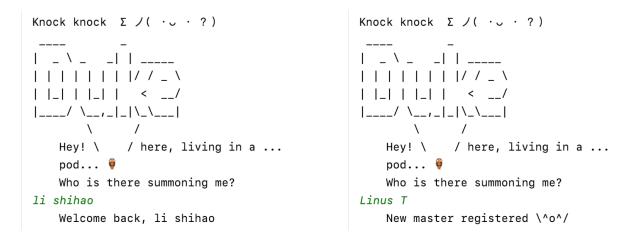


Figure 1: Screenshot - Start Greeting Page Existing/New User

Level-4 Describe the commands for adding different types of tasks



```
Knock knock \Sigma \mathcal{I}(\cdot \cdot \cdot ?)
                                                   Knock knock \Sigma /( \cdot \cup \cdot ?)
| _ \ _ _ | | _____
                                                   | _ \ _ _ | | _____
| | | | | | | / / _ \
                                                   | | | | | | | / / _ \
| |_| | |_| | < __/
                                                   | |_| | < __/
|____/ \__,_|_|\_\___|
                                                   |____/ \__,_|_|\_\___|
    Hey! \
              / here, living in a ...
                                                       Hey! \
                                                                 / here, living in a ...
    pod... 🏺
                                                       pod... 🏺
    Who is there summoning me?
                                                       Who is there summoning me?
li shihao
                                                   Linus T
    Welcome back, li shihao
                                                       New master registered \^o^/
```

Figure 2: Screenshot - Start Greeting Page Existing/New User