

TIC2002

# INTRODUCTION TO SOFTWARE ENGINEERING

AY19/20 Semester 1

## Duke Project Report

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## 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

<pre>Knock knock Σ √( . ∪ . ? ) -----   _ \ _ _     -----               / / _ \               &lt; __/   ____/ \__/_    \ \ ____        \      /       Hey! \      / here, living in a ...       pod... 🍷       Who is there summoning me?       <i>li shihao</i>       Welcome back, li shihao</pre>	<pre>Knock knock Σ √( . ∪ . ? ) -----   _ \ _ _     -----               / / _ \               &lt; __/   ____/ \__/_    \ \ ____        \      /       Hey! \      / here, living in a ...       pod... 🍷       Who is there summoning me?       <i>Linus T</i>       New master registered ^o^/</pre>
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Figure 1: Screenshot - Start Greeting Page Existing/New User

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

```
Knock knock Σ √( . ∪ . ? )
```

```
  ----      -  
| _ \ _ _ | | -----  
| | | | | | | | / / _ \  
| | | | | | | | < _ /  
|----/ \_ _ , _ | \ \ ----  
      \      /
```

```
Hey! \      / here, living in a ...  
pod... 🍌
```

```
Who is there summoning me?
```

```
li shihao
```

```
Welcome back, li shihao
```

```
Knock knock Σ √( . ∪ . ? )
```

```
  ----      -  
| _ \ _ _ | | -----  
| | | | | | | | / / _ \  
| | | | | | | | < _ /  
|----/ \_ _ , _ | \ \ ----  
      \      /
```

```
Hey! \      / here, living in a ...  
pod... 🍌
```

```
Who is there summoning me?
```

```
Linus T
```

```
New master registered ^o^/
```

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