<WolfTasks> System Test Plan

Document Author(s): Edwin Nealis

Date: 3/29/2021

Introduction

Below are 5 system-level tests that verify the program is working correctly.
To run tests:

> 1. Right click on WolfTasksGUI class in the Package Explorer
> 2. Select run as > Java Application

The file chooser for the ServiceGroupsList is displayed.

All test files are located in test-files/ folder and the contents of the test file used in the testing is below.

```
! School
# CSC 216,35
* Read Project 2 Requirements
Read Project 2 requirements
(https://pages.github.ncsu.edu/engr-csc216-staff/CSC216-SE-
Materials/projects/project2/project2-part1.html)
and identify candidate classes and methods.
* Create CRC Cards,active
Identify the key classes and create CRC cards. Note
responsibilities, collaborators, and possible state.
* Transfer CRC Cards to UMLetino
Start creating a UML class diagram from the requirements
* Download design proposal and rational template
See (https://pages.github.ncsu.edu/engr-csc216-staff/CSC216-SE-
Materials/projects/project2/project2-part1.html)
for template link
* Write design proposal and rationale
Start with UML class diagram description. Incorporate feedback
from Project 1.
* Identify 5 system tests
Consider 5 major paths through the system when working with
notebooks, task lists, and tasks.  How would I use the system
to keep track of my tasks?
* Watch lecture video,recurring,active
Keep up with lecture videos each week
* Complete exercises,recurring
Complete exercises by Sunday at 11:45pm each week
* Complete quizzes,recurring
Weekly quizzes open Thursdays at 3pm and close Mondays at 11:30am
(all times Eastern)
# CSC 226,23
* Homework 7
- Review the assignment
- Schedule time to work on the assignment
Don't forget to submit!
* Homework 8
- Review the assignment
- Schedule time to work on the assignment
Don't forget to submit!
* Homework 9
- Review the assignment
- Schedule time to work on the assignment
```

```
Don't forget to submit!
* Homework 10
- Review the assignment
- Schedule time to work on the assignment
Don't forget to submit!
* Watch lectures,recurring,active
Watch lectures associated with HW7 by March 31
# Habits,0
* Exercise,active,recurring
Exercise every day.
Alternate between cardio and weight training
* Floss,recurring,active
Floss when brushing my teeth before bed!
```

Test ID	Description	Expected Results	Actual Results
TestFileLoad (Edwin Nealis)	**Preconditions:** none 1. Run WolfTasksGUI 2. In file menu select Load Notebook 3. In the file chooser select test-file/WolfTasksTest 4. Click select 5. Check results 6. Close GUI	Current TaskList is displaying active tasks with 5 active task being shown • CSC 216, Create CRC Cards • CSC 216, Watch lecture video • CSC 226, Watch lectures • Habits, Exercise • Habits, Floss	Active tasks list is displayed with the 5 task Create CRC Cards, Watch lecture video, Watch lectures, Exercise, Floss. The associated task lists are also displayed as CSC 216, CSC 216, CSC 226, Habits, and Habits.
TesteditList (Edwin Nealis)	**Preconditions:** test 1 passes 1. Select the task list named CSC 226 from the drop down menu 2. Click edit task list 3. Enter ASC 226 4. Click ok 5. Check results 6. Close GUI	Drop down menu now displays three lists ASC 226 CSC 216, and Habits	Drop down menu shows the new name as well as the others in alphabetical order.
Testadd task (Edwin Nealis)	**Preconditions:** test 1 and 2 have passed 1. Enter "new task" into the task name box 2. Enter "description" in the description box 3. Click add 4. Check results 5. Close GUI	Tasks is now added to task list is displayed last in list	Task is added and is displayed last in the list.
TestaddTask MissingName (Edwin Nealis)	**Preconditions:** test 1 and 2 have passed 1. Make sure the name box is empty 2. Click add 3. Check results 4. Close GUI	Pop up message with text "Incomplete task information" shows up.	Pop up message was displayed if correct message.
TestComplet eTask(Edwin Nealis)	**Preconditions:** test 1, 2 and 3 have passed 1. Click on the task "new task" 2. Select the complete box 3. Check results 4. Close GUI	Task is removed from the list and number of completed tasks shows 24	Task was removed and the completed count increased to 24

Document Revision History

Date	Author	Change Description
3/29/2021	Edwin Nealis	• Added intro as well as 5 tests