# Wolf Tasks System Test Plan

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Date: 03/21/2024

## Introduction

The Wolf Task System test plan focuses on testing various requirements that the Wolf Task program should pass. It focuses on different outputs and results that a user can expect when using the Wolf Task GUI.

To run the tests using the GUI:

1. Right click on WolfTasksGUI
2. Select run as > Java Application

## Test Files

notebook1.txt

! 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,recurring,active

Keep up with lectures each week (watch videos if needed)

\* 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!

\* Go to lecture,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!

## System Tests

Write at least 5 tests. We will grade the first five. Your tests should consider more complex scenarios than basic system startup and an invalid test file.

|  |  |  |  |
| --- | --- | --- | --- |
| Test ID | Description | Expected Results | Actual Results |
| Test 1: Valid File  (UC2) | Preconditions: None   1. Run WolfTasksGUI 2. Select the file menu and click the option Load Notebook 3. In the file system find and select the test file notebook1.txt 4. Check Results | WolfTasksGUI Loads  The Notebook is now showing the active tasks:   * CSC 216 Create CRC Cards * CSC 216 Watch Lecture Video * CSC 226 Go to Lecture * Habits Exercise * Habits Floss | **WolfTasksGUI Loads**  **The Notebook is currently empty**  **The Notebook is now showing the current task list as Active Tasks with this list of tasks:**   * **CSC 216 Create CRC Cards** * **CSC 216 Watch Lecture Video** * **CSC 226 Go to Lecture** * **Habits Exercise** * **Habits Floss** |
| Test 2: Invalid Task List name  (UC5) | Preconditions: Test 1 passes   1. Select the Add Task List button. 2. Check Results 3. When prompted for a name leave the textbox blank and select OK. 4. Check results. 5. Close GUI | The Add Task List screen should appear.  After selecting OK a window should pop-up that says, “Invalid Name.” | **The create new task list menu appears prompting for a name.**  **A window pops-up and says, “Invalid name.” with a button OK to be closed.** |
| Test 3: Valid Test Complete  (UC12) | Preconditions: Test 1 passes   1. Click on the tasks “CSC 216 Create CRC Cards.” 2. Select the complete task button. 3. Check Results | The following is listed in the Task window:   * Create CRC Cards, active is checked, Description: Identify the key classes and create CRC cards. Note responsibilities, collaborators, and possible state.   The list of active tasks now shows:   * CSC 216 Watch Lecture Video * CSC 226 Watch Lectures * Habits Exercise * Habits Floss   The number of completed tasks now shows a 1 beside it. | **The following is listed in the Task window: -Create CRC Cards, Recurring is left unchecked, Active is checked, The Description is left empty.**  **The list of active tasks now shows:**   * **CSC 216 Watch Lecture Video** * **CSC 226 Watch Lectures** * **Habits Exercise** * **Habits Floss**   **The Number of Completed Tasks now shows 1** |
| Test 4: Invalid Remove Task List  (UC7) | Preconditions: Test 1 passes   1. Select the Remove Task List button. 2. Check Results 3. Click OK 4. Close GUI | An error message should appear in a window pop-up that states “The Active Task list may not be deleted.” With a button that says OK. | **A window pops up with the message “The Active Tasks list may not be deleted.” With a button that says OK to close out of the window.** |
| Test 5: Quit WolfTasks  (UC14) | Preconditions: Test 1 has passed   1. Select the file menu and selects the quit option. 2. Check Results 3. Select Cancel 4. Check Results 5. Click the X in the upper right corner of the GUI. | A pop-up window is displayed that gives the option to select a file to save to within the local file system.  After canceling it takes you back to the GUI screen  The GUI is now closed | **A pop-up window is displayed that shows my computer’s file system and prompts me to pick one to save to.**  **Once canceled it returns to the GUI screen showing my task list.**  **The GUI is now closed** |