**Validation Testing Results**

**Test Data:**

1. Testing non-alphanumeric values
   1. Input 1: “….”

A screenshot of a computer

Description automatically generated

* 1. Input 2: “!!!!”

A screenshot of a computer

Description automatically generated

1. Testing only space values and both non-alphanumeric and space values
   1. Input 1: “ “

A screenshot of a computer

Description automatically generated

* 1. Input 2: “? “

A screenshot of a computer

Description automatically generated

1. Testing alphanumeric values
   1. Input 1: “Go to gym”

A screenshot of a computer

Description automatically generated

* 1. Input 2: “Read”

A screenshot of a computer

Description automatically generated

**Summary**

The Maketime GUI only accepts user input through the use of an entry widget via the top-level window. The entry widget should only accept alphanumeric values and alphanumeric values with spaces between them. Any input that contains only spaces or symbols that are not alphanumeric should be rejected. The GUI should notify the user via a message box that their input is invalid in these cases. To validate the input from user’s I implemented a validation function that the class utilizes to check input against specific logic. To ensure that this function was working as intended I utilized various tests that attempt to enter invalid characters as input. The GUI program correctly identified these inputs as invalid and notified the user each time. I also ensured that the GUI program worked as intended and tested valid inputs. These inputs were accepted and added to the tree view widget in the main window.