

Team Carpo Test Summary

The following tests were performed with the GUI by hand. The way the program is coded, the GUI itself executes some error checking and prevents incorrect inputs. The most thorough and effective way to test the GUI is by hand. The goal of this testing is to ensure correct labeling, usability, and ability to prevent incorrect input by the user. Testing for criteria such as proper format of .ics file and specific methods' functionality is accomplished via separate junit testing.

- TEST 1: Start the program by running the java code icsOutput.java
- Outcome: A GUI window is brought up displaying four options: "add event", "output .ics file", "retrieve list", and "exit"
- TEST 2: End program by clicking red 'X' button in corner
- Outcome: Program closes smoothly and without statement
- TEST 3: End program by clicking "exit" button on main menu
- Outcome: Program states "exiting, have a nice day" in a small popup and exits after selecting 'ok'
- TEST 4: Clicking the "add event" button should bring up the menu to add a new event to the .ics file
- Outcome: Clicking button brings up "add event" menu and all labels are clearly displayed
- TEST 5: User must be able to enter an event title and description in their respective boxes
- Outcome: Typing in the boxes retains the information which is later added to .ics file
- TEST 7: User must be able to enter a start date in the form of year, month, day, hours, and minutes
- Outcome: The boxes all allow user to select from drop down menus and data is retained
- TEST 8: User is not able to enter days which a given month does not have, ie. February 30
- Outcome: When month is selected the drop down menu for day is automatically truncated to only the number of days that month contains. February stops at 28
- TEST 9: User must be able to enter an end date in the same format as start date
- Outcome: End date drop down menu options mirror start date and limitations regarding number of days in each month
- TEST 10: User must be able to enter a time zone for their event
- Outcome: 'timezone' field allows user to select "easter", "central", "mountain", "pacific", "Alaska", and "Hawaii" from drop down menu
- TEST 11: User must be able to select closest city

Outcome: Closest city menu allows user to choose closes location to event

TEST 12: User must be able to select a classification for the event

Outcome: classification menu allows user to from “private”, “public”, and “confidential”

Test 13: User must not be able to select an end date which occurs before the start date

Outcome: A notice popup appears to tell the user that, “end date must be longer than your start date”. The user is not able to submit event until this is corrected

TEST 14: User must be able to see an output of a properly formatted .ics file by selecting “output .ics file” button.

Outcome: window displays a properly formatted ics file. NOTE: Proper formatting is checked via junit testing

TEST 15: User must be able to see an output of the current events scheduled thus far by clicking “retrieve list” button

Outcome: accurate list, in chronological order, is displayed containing all events scheduled