

Team RaccoonBytes

Progress Report Week 9



Agendas for this week:

1. Refactor source code, wrapping some scripts into components for reusability
2. Several bug fixes.
 - a. SetInterval will slow down when the page is not front page on screen.
 - b. Chrome will prevent sound from automatically playing unless user click page.
3. Add a statistic page for all tasks completed.
4. Use both Cypress and Jest for unit testing with different purposes.

Refactored Code

- Moved all functions and objects that deal with task items into a custom web component
- Removed global variable dependency
 - Helped with doing Jest testing.

Cypress Testing

The screenshot displays the Cypress test runner interface. On the left, the 'Tasks tests' suite is shown with five passing tests, each marked with a green checkmark. The test file path is `cypress/integration/tasks/task-tests.js`. The top status bar indicates 5 tests passed, 0 failed, and 0 pending, with a total run time of 04.45 seconds. The browser window shows the application under test, which is a 'To-do List' page. The page header displays the date 'Tuesday, March 2, 2021' and 'Completed Cycles: 0' with four red progress indicators. The main content area features a 'To-do List' title, an '+ Add Task' button, and a task input field containing 'testname2' with a character count of '0/2'. Below the input field is a circular button with a plus sign and the text 'Add Task'. A 'Top' button is located in the bottom right corner of the application window.

Tests: 5 ✓ 0 ✗ 0 ○ 04.45

`cypress/integration/tasks/task-tests.js`

Tasks tests

- ✓ Add task modal appears when add task-btn is clicked
- ✓ Add task modal appears when add-task-btn-bot is clicked
- ✓ Add two tasks
- ✓ Should have tasks still on page after reload
- ✓ Edit first task, and then delete it

http://127.0.0.1:5501/source/index.html?

Tuesday, March 2, 2021
○○○○ | Completed Cycles: 0

To-do List + Add Task

testname2 0/2

+ Add Task

Top

New page for statistics

