



Daily_Tracker Test Suite

Automated testing for core functionality

⚠ Note about Cross-Origin Restrictions:

If you're opening this file directly (file:// protocol), some iframe tests may be skipped due to browser security restrictions. For full testing capabilities, serve these files from a local web server:

```
# Python 3
python3 -m http.server 8000

# Node.js (if http-server is installed)
npm http-server

# Then visit: http://localhost:8000/test-suite.html
```

The test suite will still work with file:// protocol, but will rely on localStorage checks instead of iframe access.

- Run All Tests
- Reset
- Toggle App View
- Clear App Data

Core Functionality

Local Storage

- ✓

LocalStorage is available

LocalStorage is functional
- ✓

Data persists after save

Data persists correctly

Task Management

- ✓

Create new task

Task created successfully
- ✓

Mark task as complete

Task completion works
- ✓

Delete task

Task deletion works
- ✓

Task priority levels (low/med/high)

Priority levels validated

XP & Gamification

- ✓

XP calculation (10/20/30)

XP values: low=10, med=20, high=30
- ✓

Streak calculation (3 tasks = +1)

3 tasks = +1 streak confirmed

Feature Branch Functionality

Task Editing & Notes (if merged)

- ✓

Edit task title

Task editing feature integrated
- ✓

Add/edit task notes

Notes feature fully integrated
- ✓

Create task groups/templates

Groups/Templates feature detected

Analytics Dashboard (if merged)

- ✓

Analytics data processing

Analytics module integrated
- ✓

Week/Month/All-time views

Analytics UI detected

Import/Export (if merged)

- ✓

Export data as JSON

Export button detected
- ✓

Import and merge JSON data

Import button detected

Notifications (if merged)

- ✓

Notification permission handling

Notification settings available
- ✓

Notification scheduling

Notification scheduler integrated

Achievements (if merged)

- ✓

Achievement system exists

Achievement system fully integrated

- ✓ Achievement toast notifications
- Achievement toast system ready

UI/UX Tests

User Interface

- ✓ Responsive design
- Responsive viewport detected
- ✓ Theme switching (light/dark)
- Theme support available (light)
- ✓ Animations (confetti, transitions)
- Confetti canvas detected

Interaction

- ✓ Drag and drop reordering
- Drag handlers expected in task items
- ✓ Keyboard shortcuts (N, /, etc)
- Keyboard event listeners expected

PWA Features

Progressive Web App

- ✓ Web manifest present
- Manifest loaded correctly
- ✓ Service worker registration
- Service Worker API available
- ✓ Offline functionality
- Offline capability via Service Worker

Test Summary

27

27

0

Total Tests

Passed

Failed

0

Warnings

100%

Success Rate