

WorkSync Application - Functional Testing Report

Summary

Comprehensive functional testing of the WorkSync application was performed, covering all 8 modules with CRUD operations and UI functionality validation. All identified issues have been resolved.

Module	Tests Passed	Tests Failed	Pass Rate
Homepage & Navigation	11/11	0	100%
Engagements	5/5	0	100%
Task Tracker	6/6	0	100%
Highlights	5/5	0	100%
Internal Projects	7/7	0	100%
Idea Board	5/5	0	100%
Calendar	6/6	0	100%
Useful Links	4/4	0	100%
Total	49/49	0	100%

Issues Found & Resolved

[!NOTE]

✅ Idea Board - Edit Functionality Added

Added pencil icon and edit modal to allow users to modify idea title, description, category, and priority after creation.

Fix: Added `editingIdea` state, `handleEdit` function, and Edit Modal to `IdeaBoard.tsx`

[!NOTE]

✅ Homepage - Timezone Bug Fixed

Fixed issue where Today's Meetings section wasn't showing late-night meetings due to UTC date conversion.

Fix: Changed `toISOString()` to local date formatting in `Homepage.tsx`

Module Testing Details

Homepage & Navigation (11/11 PASSED)

Test	Status
Application loads at localhost:3000	✅ PASS

Sidebar displays correctly	✓ PASS
Dashboard tab loads	✓ PASS
Engagements sidebar navigation	✓ PASS
Task Tracker sidebar navigation	✓ PASS
Highlights sidebar navigation	✓ PASS
Internal Projects sidebar navigation	✓ PASS
Idea Board sidebar navigation	✓ PASS
Calendar sidebar navigation	✓ PASS
Useful Links sidebar navigation	✓ PASS
Today's Meetings displays correctly	✓ PASS

Engagements Module (5/5 PASSED)

Test	Status
Navigate to Engagements	✓ PASS
Create new engagement	✓ PASS
View engagement details	✓ PASS
Edit engagement	✓ PASS
Delete engagement	✓ PASS

Task Tracker Module (6/6 PASSED)

Test	Status
Navigate to Task Tracker	✓ PASS
Add daily task	✓ PASS
Mark task as completed	✓ PASS
Mark task as priority	✓ PASS
Add weekly goal	✓ PASS
Delete tasks	✓ PASS

Highlights Module (5/5 PASSED)

Test	Status
Navigate to Highlights	✓ PASS

Add new highlight	✓ PASS
View highlights	✓ PASS
Edit highlight	✓ PASS
Delete highlight	✓ PASS

Internal Projects Module (7/7 PASSED)

Test	Status
Navigate to Internal Projects	✓ PASS
Create new project	✓ PASS
View project details	✓ PASS
Add task to project	✓ PASS
Add research notes	✓ PASS
Update project status	✓ PASS
Delete project	✓ PASS

Idea Board Module (5/5 PASSED)

Test	Status
Navigate to Idea Board	✓ PASS
Add new idea	✓ PASS
View idea on board	✓ PASS
Edit idea (title, description, category, priority)	✓ PASS
Delete idea	✓ PASS

Calendar Module (6/6 PASSED)

Test	Status
Navigate to Calendar	✓ PASS
Add new event	✓ PASS
View event details	✓ PASS
Add meeting notes	✓ PASS
Update status	✓ PASS
Delete event	✓ PASS

Useful Links Module (4/4 PASSED)

Test	Status
Navigate to Useful Links	✓ PASS
Add new link	✓ PASS
View link in category	✓ PASS
Delete link	✓ PASS

Test Environment

- **Application URL:** <http://localhost:3000>
- **Backend Server:** <http://localhost:3002>
- **Date:** January 5, 2026