

Stay on Track Web Application

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B.A Applied Computing: Graphic Arts Concentration

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Problem Statement

- Most task planners are geared towards students or daily to-do lists
- Hard to stay on track of infrequent but recurring tasks
 - 6 months
 - Yearly
- Hard to keep track of when tasks were completed
- Unable to track deadlines, appointments and maintenance
 - Stress or health issues
 - Appliances breaking down

Personal Motivation

- Busy with university and life
- Old planner:
 - Kept having to create repeat tasks
 - Old Version shutdown
 - Complete redesigned
 - Locked features, Dark Mode behind subscription

Project Language(s), Software, and Hardware

- Ruby on Rails
- Hotwire
- Bootstrap
- fly.io (free version)

Hardware:

- Personal Windows Computer

Software:

- Visual Studio Code
- Github
- Adobe Illustrator

Project Demo

Stay on Track

Menu

Dark Mode

Overdue Tasks
2

Upcoming Tasks
9

Completed Tasks
2

Overdue Tasks

Appliance Maintenance

Task: Dryer Maintenance

Description: Clean vent and lint screen.

Urgency: medium ●●

Deadline: February 13, 2026

59 days past deadline

Delete

Edit

Appliance Maintenance

Task: Washer Maintenance

Description: Bring towel for cleanup.

Urgency: low ●

Deadline: January 10, 2026

93 days past deadline

Delete

Edit

Upcoming Tasks

Meetings

Task: Project Meeting

Deadline: April 13, 2026

Edit

Home

Stay on Track

Login

Dark Mode



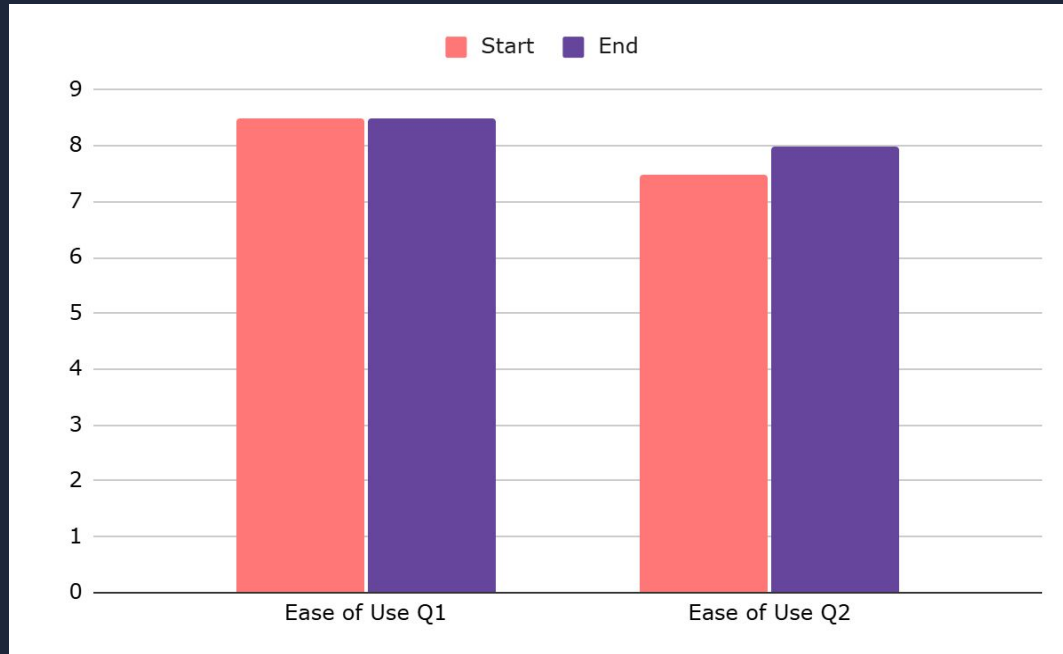
Welcome to the Stay On Track Web Application!

New user? [Sign up here](#)

Challenges

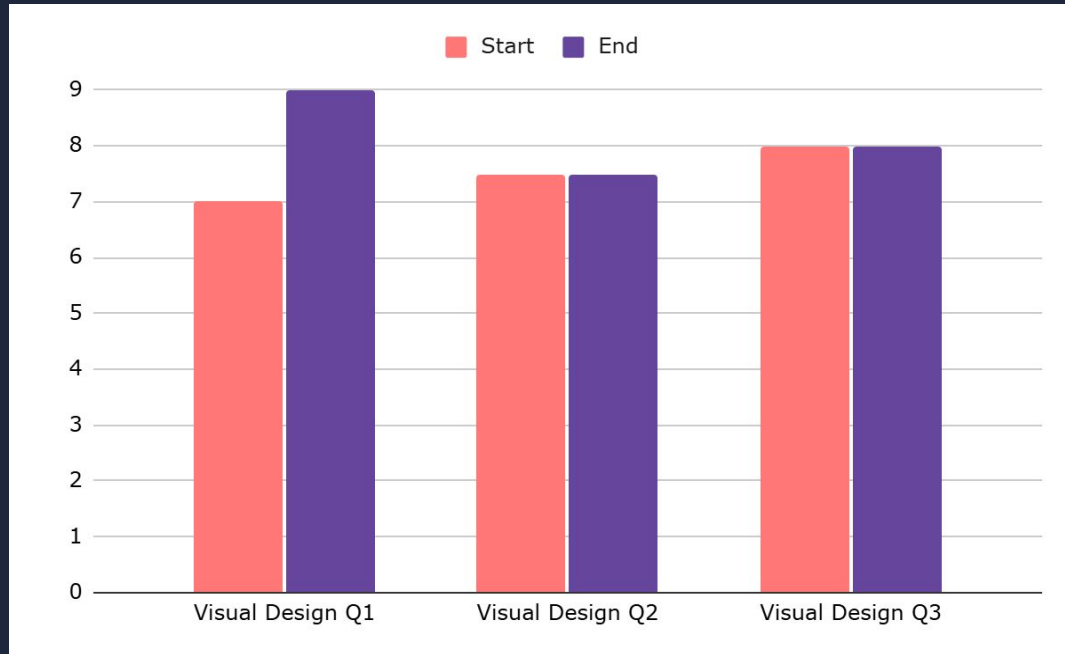
- Working solo, used to working in team
- Learning Ruby on Rails
- Balancing project work and course load
- Fly.io deployment

User Testing - Ease of Use



Questions rating navigation and intuitiveness.

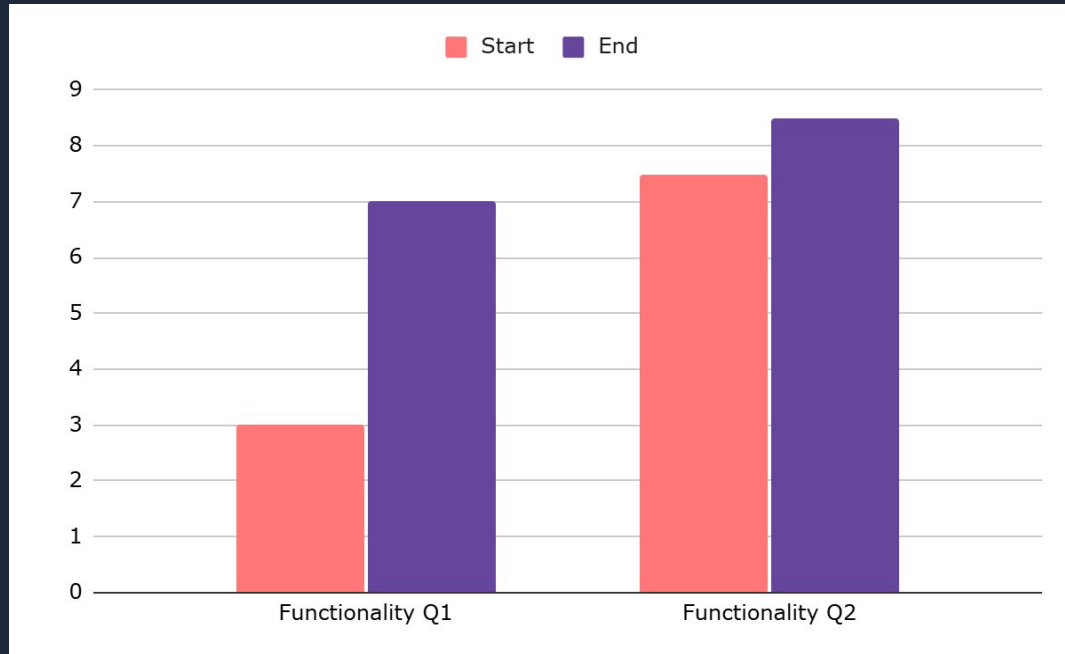
User Testing - Visual Design



Questions were about rating design.

- Appealing
- Enhanced usability
- Felt modern & professional

User Testing - Functionality



Questions were related to functionality.

- Worked without errors
- Used as intended

User Testing - User Satisfaction



Increased satisfaction:

- More clarity
- Functionality
- Additional features
 - Customization
 - Dark mode

Future Enhancements

- More Customization
 - Colors
 - Layout
- Calendar View
- Email Notifications
- Accessibility Features
 - Ex: Increasing font size, WCAG compliant