TEAM #1 PRESENTS

WELCOME TO SYNCBOARD!

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TABLE OF CONTENTS

1. Primary Goals & Objectives
2. Stakeholders
3. Design & User Experience
4. Process & Development
5. Security Practices
6. Product Features
7. Live Demo
8. Conclusions & Lessons Learned

GOALS & OBJECTIVES

- Streamline group workflows
- Centralize communication
- Increase team accountability

STAKEHOLDERS

Students

Reduced stress & improved organization of group projects

Professors

Easier to keep track of group progress & standardize resources

TAs

Simplified communication between teams leads to less intervention from TAs

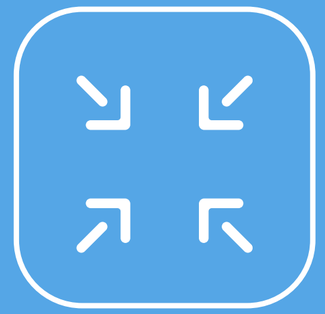
DESIGN & USER EXPERIENCE

INTUITIVE

Interfaces are designed to fit with user expectations, minimizing the need for instruction or prior experience.

ACCESSIBLE

Design choices ensure usability for people with a range of abilities and access needs.



RESPONSIVE

The site uses responsive CSS to support differernt screen sizes, including mobile devices.

PROCESS & DEVELOPMENT

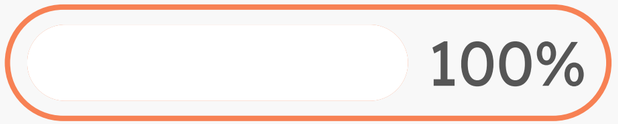
SPRINT 1

- Brainstorming
- Design & Ideation
- Frontend Development
- Midterm presentation

SPRINT 2

- Backend setup
- API Development
- Frontend & Backend Integration
- Session Data & Accounts

FINAL PUSH



- Responsive CSS & Mobile Development
- Security Best Practices
- Presentation & Final Touches

SECURITY PRACTICES

01

Password Hashing

Sensitive user information is transformed using bcrypt so it can’t be exploited if compromised

02

Input Sanitization

User inputs are validated and sanitized to prevent injection attacks

03

Session Variables

Used to ensure only people with with the correct credentials can access certain pages

PRODUCT FEATURES

Calendar

- Schedule & edit events
- Keeps team on the same page

Chat

- Simplifies team communication
- Send & receive messages in real time

Tasks

- Keep track of open issues
- Visualize progress

Resources

- Team repository of documents
- Could be upgraded to support assignment submission

TIME FOR A
LIVE DEMO!

LESSONS LEARNED

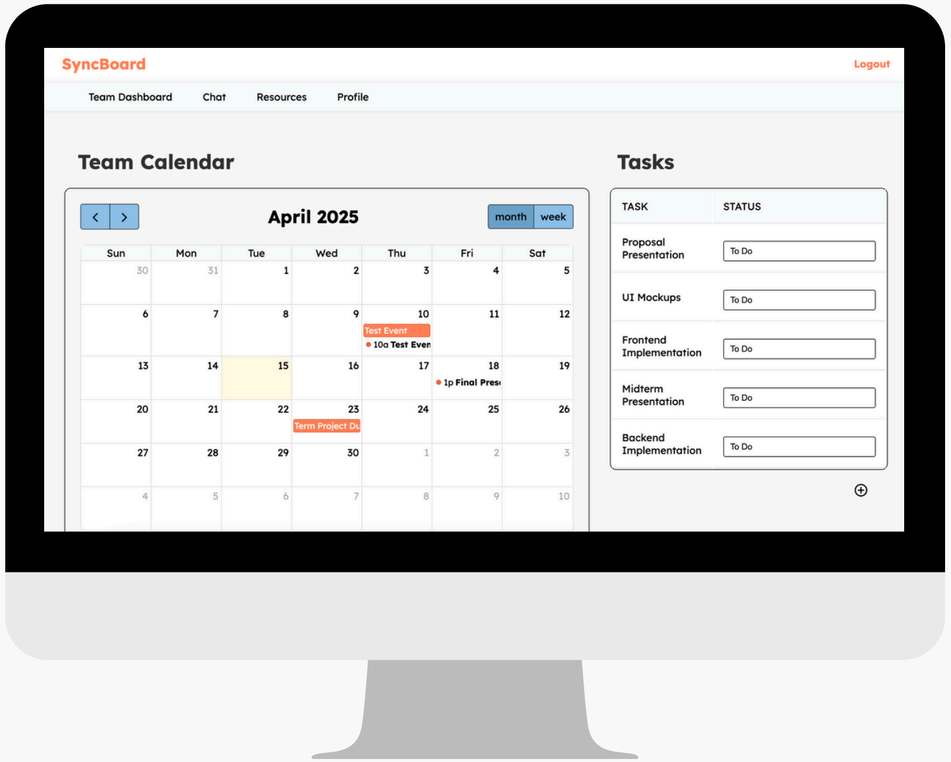
Time Management

Session Variables

Github Conflict Resolution

Resolving CodeQL Errors

Schema Validation



FUTURE IMPLEMENTATIONS

PROFESSOR TOOLS

EVENT ALERTS

REUSABLE MODULES

ANY
QUESTIONS?