Sprint 1 Retrospective Report

Cass Dahle
Aayush Shrestha
3/17/25

Summary of Team Feedback and Agreed-Upon Action Items for Future Sprints

Sprint Highlights: During Sprint 1, we focused on setting up the foundation for the web application, including authentication, database integration, and deployment. Major achievements were:

- Development of the website's landing page, login page, and dashboard with navigation.

- Implementation of GitHub authentication and enforcement of login requirements before accessing other pages.

- Deploy with Vercel and database integration using Neon PostgreSQL.

- Created Database Schemas with constraints.

- Learning TechStack.

Key Learnings and Challenges:

- Both team members familiarized themselves with Next.js, requiring extra time to understand its server-side components and routing.

- The database setup was completed, but faced issues, particularly in linking it with the environment.

- Authorization was not implemented.

Unfinished Work and Areas for Improvement:

- Booking table needs a constraint preventing double booking.

- Need to fix the issue where secrets need to be set up for both localhost and production environment.

- The team aims to streamline frontend development by improving Tailwind CSS usage.

Action Items for Sprint 2:

- Create proper landing pages for different user roles and display all equipment.

- Enable users to select, add, and remove equipment.

- Resolve authentication issues to ensure functionality across all environments.

- Implement authorization to enforce user access controls.

With the foundational work from Sprint 1 completed, Sprint 2 will focus on expanding features and refining the user experience while addressing technical gaps from the previous sprint.