

# CMSI 4072 — Project Status Sheet

Spring 2026

## Accomplishments

- Set up the project repository with a basic React frontend scaffold and confirmed the development environment runs locally on all team machines.
- Built static versions of the landing page, registration page, and login page with basic HTML/CSS layout matching initial wireframes.
- Implemented client-side page navigation between landing, login, registration, and home pages using React Router; all route transitions function correctly.
- Added placeholder buttons for core actions (Add Book, Write Review, Add to Shelf) to verify UI flow before backend integration.
- Identified React Router v6 as the routing library and resolved a version conflict with an older tutorial dependency that caused blank page renders on refresh.

## Scheduled Tasks

- Finalize technology stack decisions for backend and confirm MongoDB Atlas as the database.
- Set up Express backend with a working `/api/v1/health` endpoint and connect it to the React frontend.
- Implement user registration form validation: email format check and 8-character minimum password requirement.
- Begin MongoDB schema design for the User and Book collections based on SRS sections 5.2.1 and 5.2.2.

## Noteworthy Risks

- The tech stack for the backend is not yet finalized. If the decision is delayed, backend development will be pushed back by at least one week. Mitigation: team vote scheduled for next meeting to commit to a stack.
- CSS layout inconsistencies appear between Chrome and Firefox on the registration page. Mitigation: will switch from manual CSS to a component library (Tailwind or MUI) once the stack is confirmed to avoid rework.

