

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 my machine.
- 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 need to work to find the best compatible tools where needed
- 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.

