

HyperGuest - Assignment Explanation

Yuval Mandler

Frontend

1. **Component Structure:** Separated logic into distinct layers — `store`, `API`, and `components` — for better maintainability.
2. **Routing Guard:** Implemented a `beforeEach` navigation guard in the router to manage role-based access control.
3. **UI Enhancement:** Improved the navigation bar design for better user experience.
4. **Session Persistence:** Stored user information in `localStorage` to maintain session state after page refresh.
5. **Debugging Support:** Added logging throughout the codebase to trace the application flow and assist with debugging.

Backend

1. **Entity Update:** Modified the `user.entity` to include and return only the required fields.
2. **Validation:** Introduced enums to validate and restrict the allowed values for user status.
3. **Migration Management:** Created a second version of the migration file to preserve the initial data and prevent deletion.

To Improve

- Add TypeScript validations on the frontend for stricter type safety.
- Expand backend functionality by adding more APIs.
- Integrate a toaster/notification system to display errors and feedback to users.