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└─ client
  └─ .vscode
    └─ daisyui.md
  └─ api
    └─ auth.js
    └─ axiosInstance.js
    └─ incident.js
    └─ user.js
  └─ app
    └─ (auth)
      └─ login
        └─ page.jsx
      └─ register
        └─ page.jsx
    └─ dashboard
      └─ page.jsx
    └─ incidents
      └─ [id]
        └─ chat
          └─ page.jsx
        └─ map
          └─ page.jsx
        └─ page.jsx
    └─ profile
      └─ page.jsx
    └─ AppClientProvider.jsx
    └─ favicon.ico
    └─ globals.css
    └─ layout.jsx
    └─ page.jsx
    └─ providers.jsx
  └─ components
    └─ form
      └─ LocationInput.jsx
      └─ SelectInput.jsx
      └─ SubmitButton.jsx
      └─ TextInput.jsx
    └─ AdminIncidents.jsx
    └─ AssignedIncident.jsx
    └─ AuthForm.jsx
    └─ AvailableIncidents.jsx
    └─ Breadcrumbs.jsx
    └─ HelpModal.jsx
    └─ IncidentChat.jsx
    └─ IncidentDetails.jsx
    └─ IncidentList.jsx
    └─ Loader.jsx
    └─ LocationMap.jsx
    └─ NavBar.jsx
    └─ ReduxDevTools.jsx
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├── SampleComponent.jsx
├── SmoothContainer.jsx
├── SubmitButton.jsx
├── VictimIncidents.jsx
├── VolunteerDashboard.jsx
├── VolunteerIncidents.jsx
├── VolunteerSidebar.jsx
├── features
├── hooks
│   ├── useAuth.js
│   ├── useGeolocation.js
│   ├── useLiveLocation.js
│   ├── useLiveLocationSync.js
│   ├── useRequireAuth.js
│   ├── useRouteLoader.js
│   └── useSocket.js
├── lib
│   └── constants.js
├── public
│   └── global.css
├── src
│   ├── hooks
│   │   └── useSocket.js
├── store
│   ├── slices
│   │   └── incidentSlice.js
│   ├── index.js
│   └── userSlice.js
├── .gitignore
├── eslint.config.mjs
├── jsconfig.json
├── next.config.mjs
├── package-lock.json
├── package.json
├── pnpm-lock.yaml
├── postcss.config.mjs
├── README.md
└── tailwind.config.js

```

// === Volunteer/Incident Functionality - Potential Bugs & Issues Checklist ===

// 1. AssignedIncident.jsx is singular, but backend returns an array (should be AssignedIncidents.jsx).

// 2. AssignedIncident.jsx is not grouped under a volunteer domain folder (should be components/volunteer/).

// 3. Redux slice for assigned incidents may use singular naming or incorrect state shape.

// 4. Incident-related components (IncidentList, IncidentDetails) must use backend field names exactly (e.g., incidentId, status).

// 5. Thanks for fetching assigned incidents/volunteer data must be used; direct API calls in components are a bug.

// 6. All data-fetching must be inside useEffect with correct dependencies; check for missing/incorrect dependency arrays.

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// 7. Role-based access: VolunteerDashboard, VolunteerIncidents,
AssignedIncident(s) must restrict access to volunteers only.
// 8. Loader and error handling: Loader.jsx and daisyUI alerts must be used for
all async actions and errors.
// 9. IncidentChat.jsx and useSocket.js: Check for correct socket event
handling and cleanup to avoid memory leaks.
// 10. Circular updates: Avoid parent-child update loops in VolunteerSidebar,
VolunteerDashboard, etc.
// 11. Memoization: Props/functions passed to child components (e.g.,
IncidentList) should be memoized if derived from state.
// 12. File extension: All interactive components must be .jsx and start with
"use client".
// 13. Navigation: VolunteerSidebar and NavBar must show/hide links based on
user role.
// 14. API files (incident.js, user.js): Ensure endpoints match backend and do
not send extra fields.
// 15. Store/slices/incidentSlice.js: Check for correct state updates and
selector stability.
// 16. src/hooks/useSocket.js: Should not exist; move to client/hooks/ for
consistency.
// 17. Duplicate SubmitButton.jsx in components/form and components/ (remove
duplicate).
// 18. VictimIncidents.jsx and VolunteerIncidents.jsx: Ensure correct data
mapping and role checks.
// 19. IncidentList.jsx: Must map over array, not assume single object.
// 20. Breadcrumbs.jsx: Check for correct route parsing and avoid infinite re-
renders.
```