Build a SPA where users can create, view, and list notes, using vanilla TypeScript, components, props/state, client-side routing, and the Vite build process.

Functionality

1. Index / Home View
   - Lists all notes (title + timestamp)
   - Each note can be clicked to view details (optional stretch: edit/delete)

2. Create Note View
   - Form to create a new note (title + content)
   - On submit, note is added to in-memory array (or optionally localStorage)
   - After creation, navigate back to index/list view

3. Routing
   - Use history.pushState() or hashchange to switch views
   - URL updates correspond to Home (/) or Create Note (/create)
   - No full-page reload

4. Components
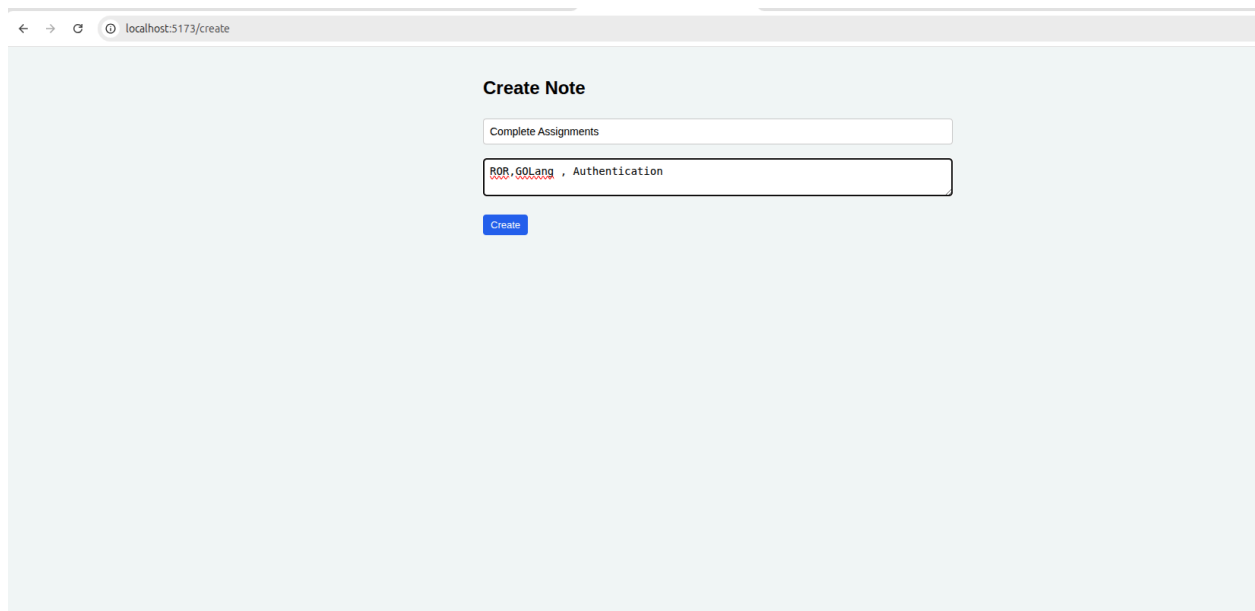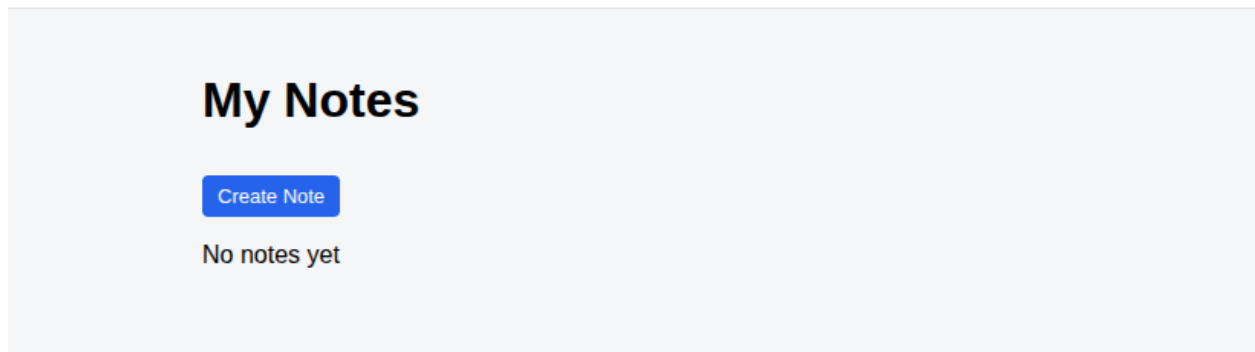   - NoteItemComponent → renders individual note
   - NoteListComponent → renders list of notes
   - CreateNoteComponent → form to add note
   - Props: pass note data to NoteItemComponent
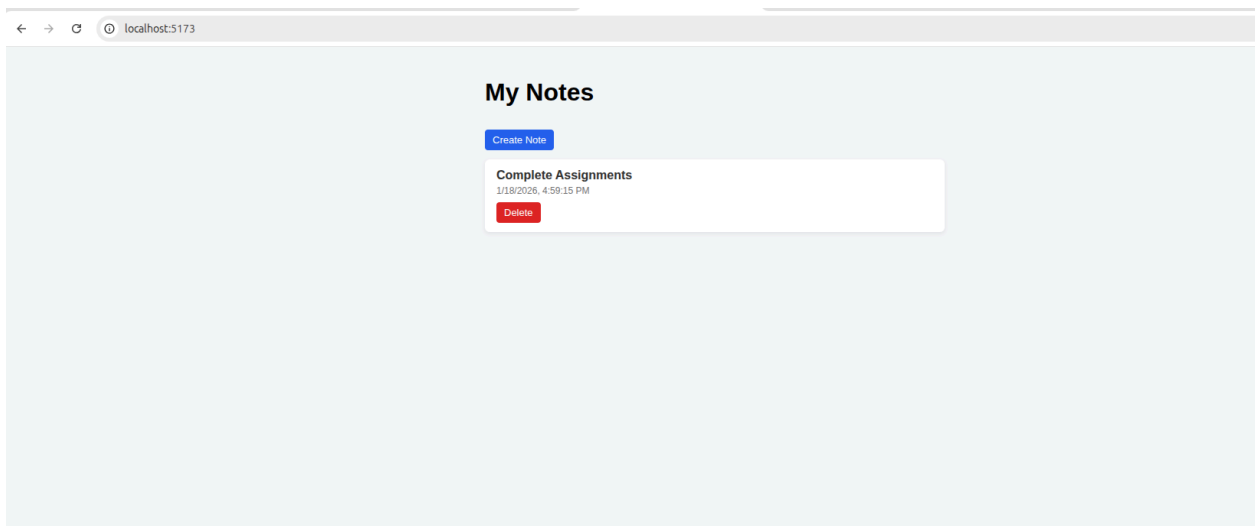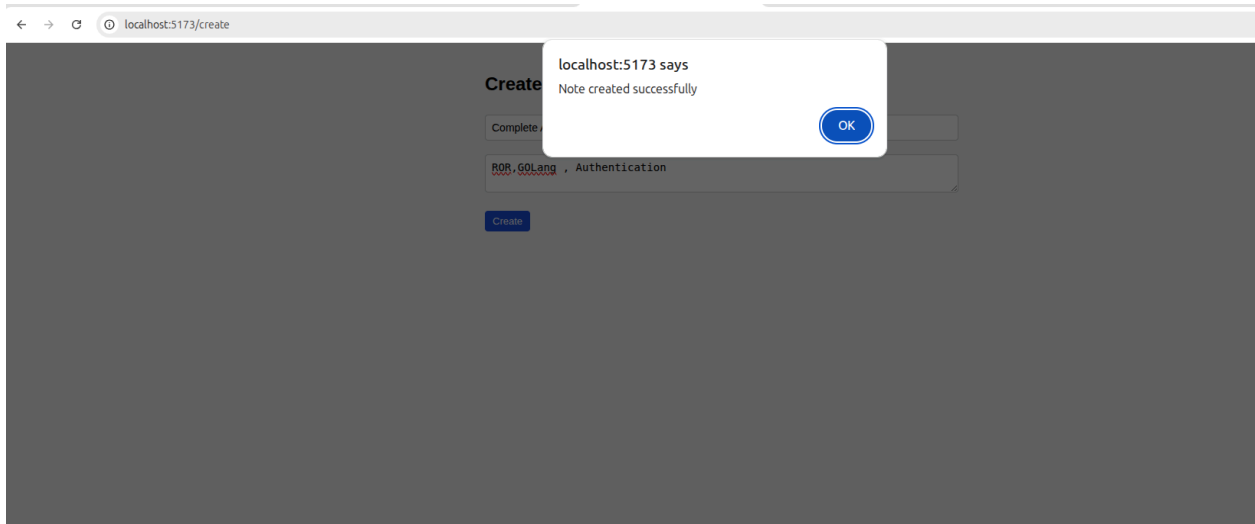   - State: store form input inside CreateNoteComponent

5. Build & Dev Tooling
   - Use Vite dev server for live reload
   - Compile TypeScript → JS
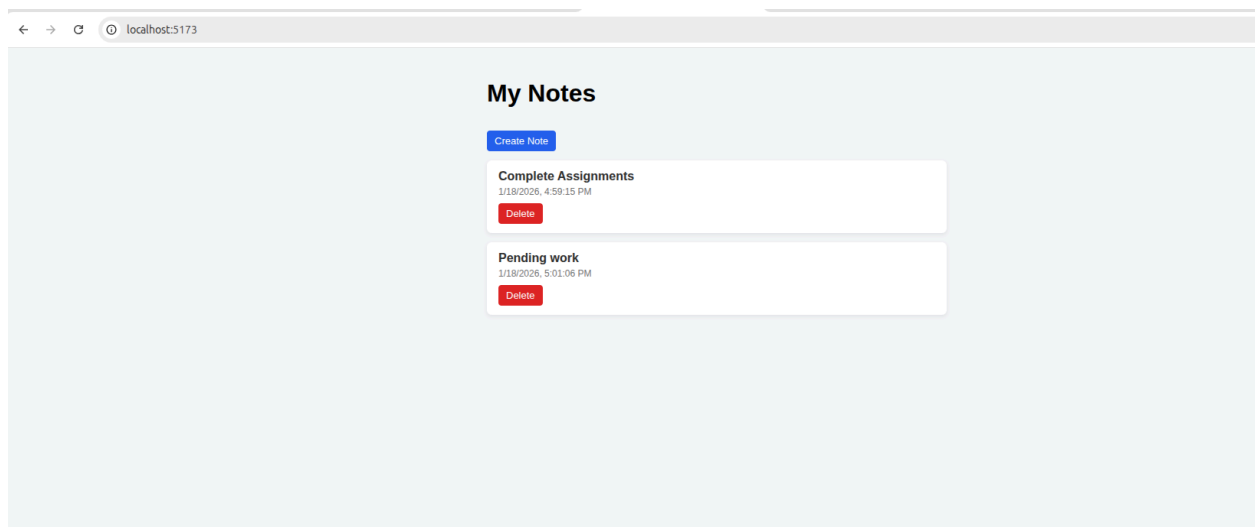   - Production build with minification (optional)

Create Note

The Create Note feature allows users to add new notes by entering a title and content through a simple form. Once the form is submitted, the note is stored immediately and the user is redirected back to the home page. A confirmation alert is shown to inform the user that the note has been created successfully. This feature makes it easy for users to quickly capture and save information without navigating away from the application

My Notes

Create Note

No notes yet

localhost:5173/create

Create Note

Complete Assignments

ROR,GOLang , Authentication

Create

Create

localhost:5173 says

Note created successfully

OK

Complete A

ROR,GOLang , Authentication

Create

My Notes

Create Note

Complete Assignments
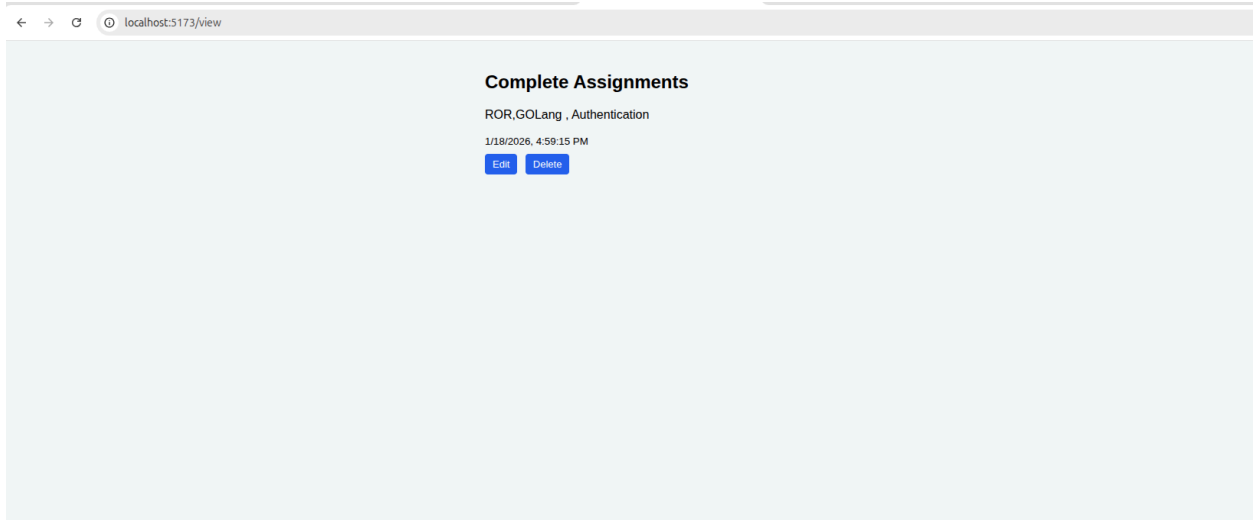1/18/2026, 4:59:15 PM

Delete

List Notes

The List Notes feature displays all saved notes on the home screen in an organized manner. Each note shows its title along with the time it was created or last updated. This view helps users quickly scan through their notes and select the one they want to work with. The list updates automatically whenever a note is added, edited, or deleted, ensuring that the displayed data is always up to date.
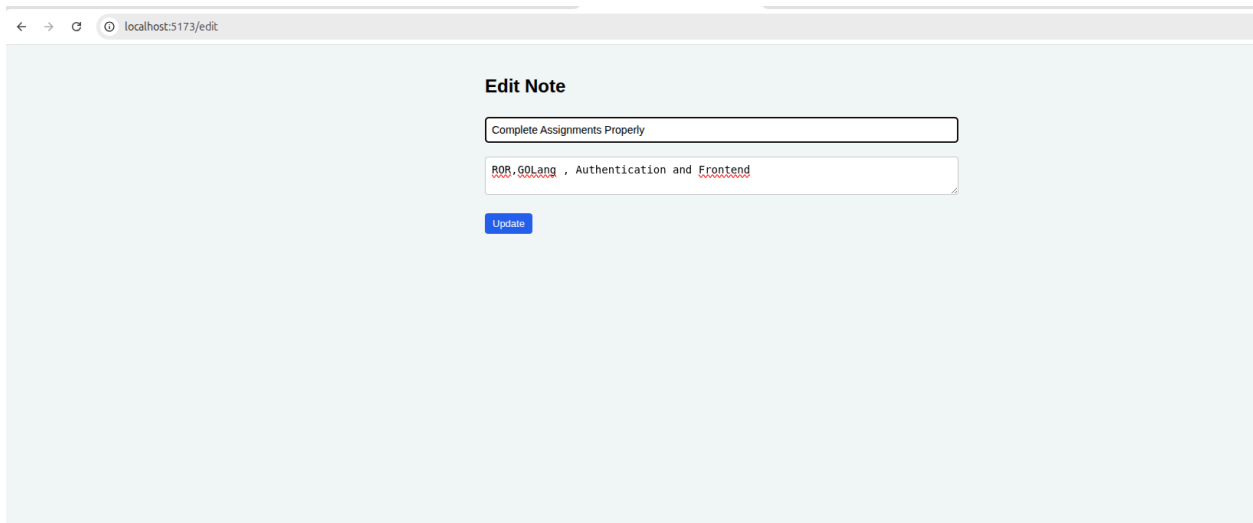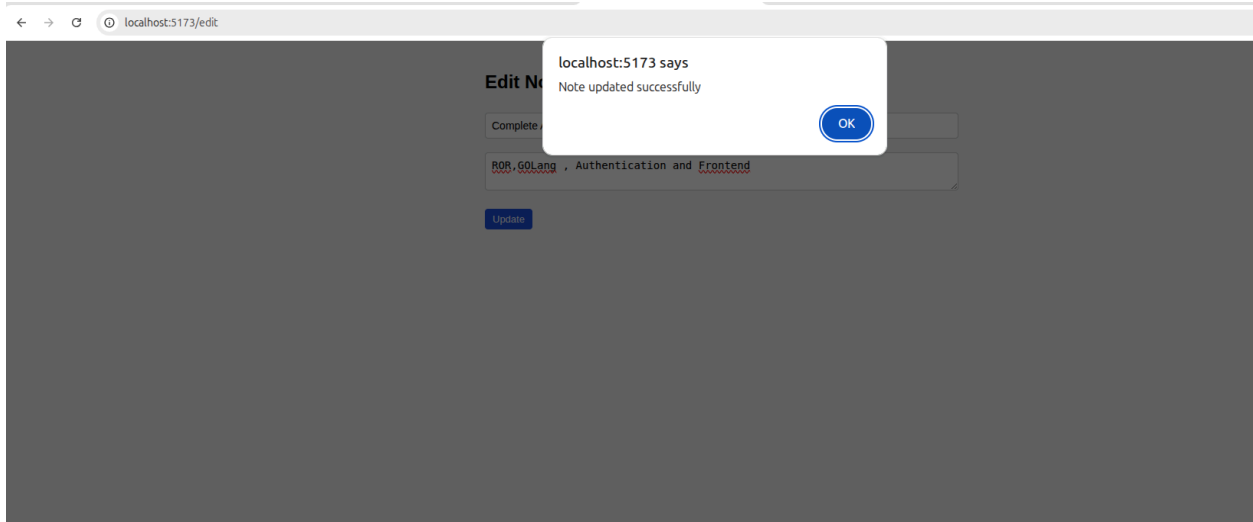

View Note

The View Note feature allows users to open a selected note and see its full details, including the title, content, and timestamp. This helps users read their notes clearly without editing them. The feature is useful when users only want to review stored information rather than make changes. Navigation remains simple so users can easily return to the list view.

Edit Note

The Edit Note feature lets users update an existing note. When a note is selected for editing, its current title and content are prefilled in the form. Users can modify the information and submit the form to save the changes. After updating, the note reflects the new content and timestamp, and an alert confirms that the update was successful.

Delete Note

The Delete Note feature enables users to permanently remove a note from the application. Once the delete action is performed, the note is removed from the list immediately. A confirmation alert is displayed to notify the user that the note has been deleted. This feature helps users manage their notes effectively by removing outdated or unnecessary entries.

localhost:5173

localhost:5173 says
Note deleted successfully

OK

My Notes

Create Note

Complete Assignments Properly
1/18/2026, 5:02:35 PM
Delete

Pending work
1/18/2026, 5:01:06 PM
Delete

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localhost:5173

My Notes

Create Note

Pending work
1/18/2026, 5:01:06 PM
Delete