

Developer Documentation

SilentStacks Developer Documentation

Overview:

SilentStacks is a client-side web application built entirely with HTML, CSS, and Vanilla JavaScript. It is designed to function fully offline using the browser's localStorage API.

Structure:

- index.html: Main app interface
- assets/css/style.css: Styling
- assets/js/app.js: Core logic and feature implementation
- documentation/: HTML help files
- logo/: Logos and favicon

Key Features:

- Metadata lookup using PMID and DOI
- Import/export of data via CSV and JSON
- Tag management system with editing
- Persistent data storage in localStorage
- Dark mode toggle
- Flagging logic for DOCLINE entries over 5 days old

Maintenance Tips:

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- Always test imports/exports with small sample sets
- Use browser dev tools (Console, Storage tab) for debugging
- Keep README and changelog up-to-date
- Future versions may include LibAnswers API or Python-based expansion

Customization:

Developers can modify or extend the form fields, localStorage schema, and UI components as needed.

Suggested enhancements include:

- Server-side sync layer
- Form validation library
- Integrated ILL statistics dashboard

Author:

SilentStacks was engineered collaboratively with input from medical librarians, with UI/UX focused on clarity, simplicity, and speed.

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