

BOXY

Modern File Sharing & Task Management

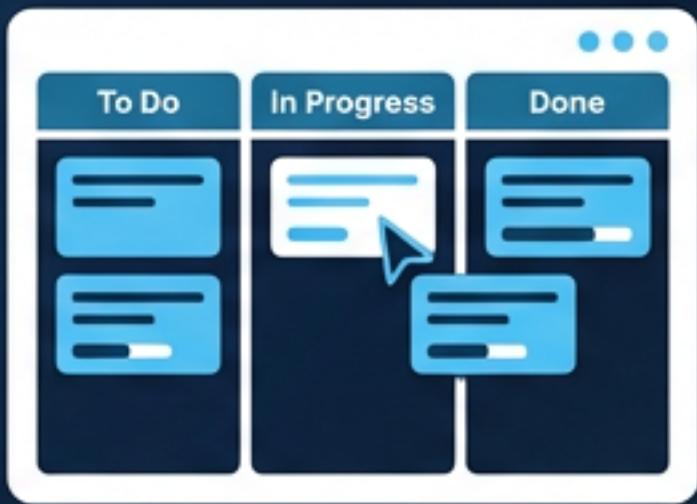


What is Boxy?



File Management

- Upload & organize files
- Drag-and-drop interface
- Preview documents



Task Management

- Multi-board Kanban
- Drag tasks between columns
- Priority tracking



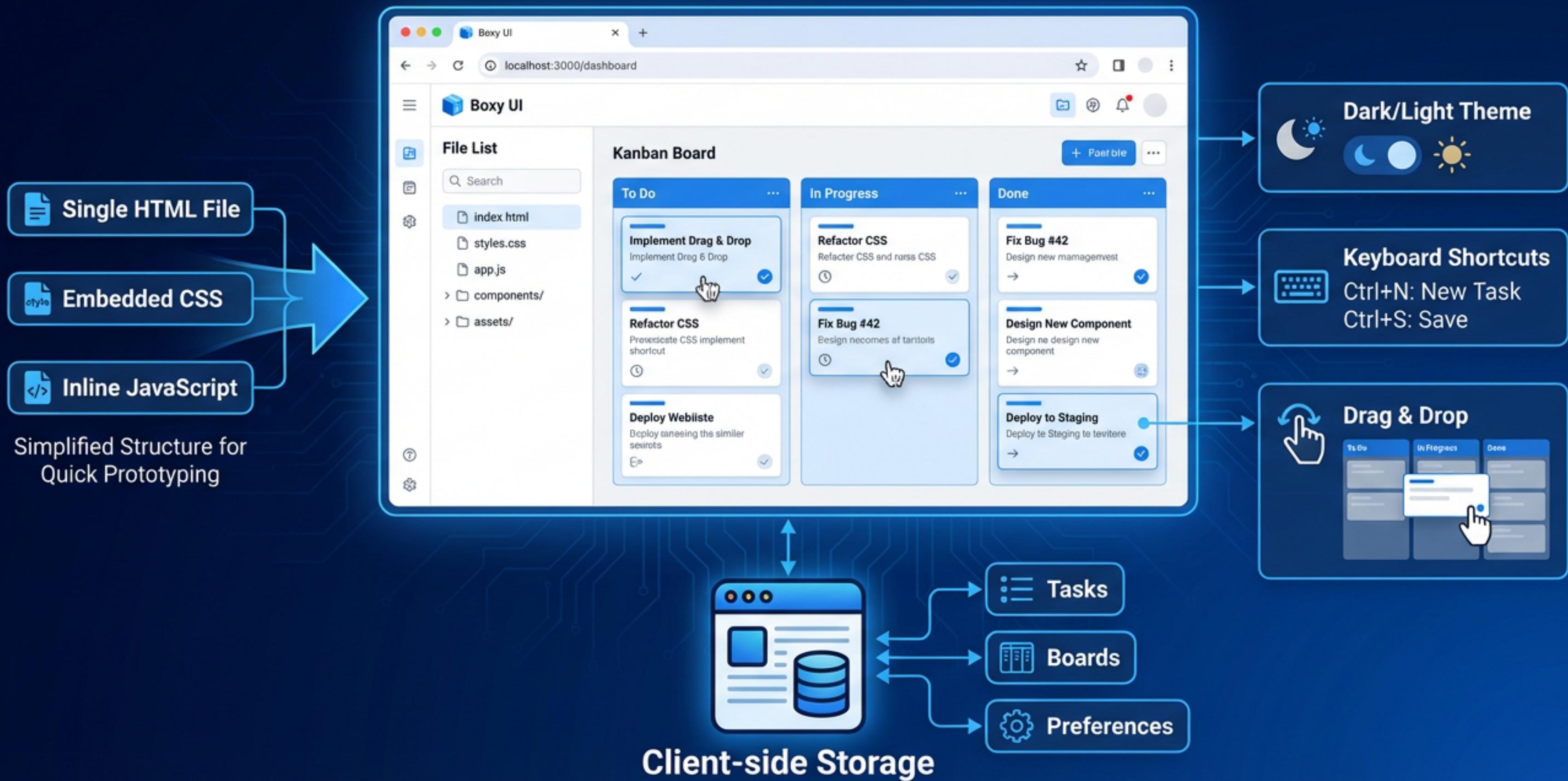
Real-time Sync

- WebSocket updates
- Multi-user collaboration
- Instant notifications

TECHNOLOGY STACK



FRONTEND ARCHITECTURE



RUST BACKEND ARCHITECTURE



REST API Design

File Operations

GET  /api/files

Retrieve a list of files and their metadata.

GET  /api/search

Search for files based on criteria.

POST  /api/upload

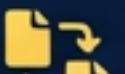
Upload a new file or folder content.

POST  /api/folder

Create a new directory.

POST  /api/ rename

Rename an existing file or folder.

POST  /api/move

Move files or folders to a new location.

POST  /api/delete

Permanently delete a file or folder.

Download & Health

GET  /api/download

Download a specific file content.

GET  /api/folders

Retrieve a list of all available folders.

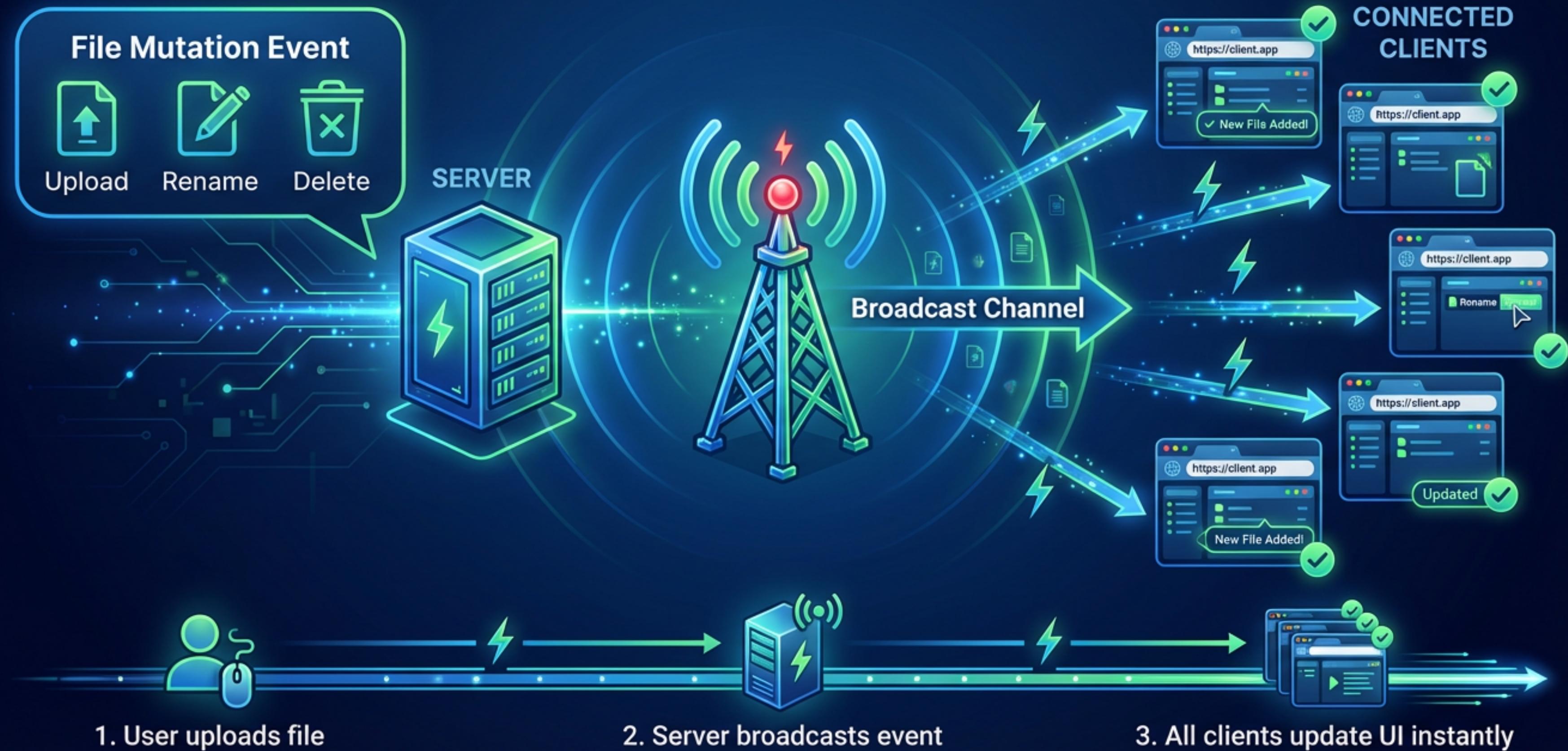
GET  /api/health

Check the health and status of the service.

WebSocket  /ws

Establish a real-time bidirectional connection for updates.

'WebSocket Broadcasting'



File Management Features

Drag & Drop Upload

Effortlessly upload files by dragging them directly into the browser window.



Search

Instantly find files by name, type, or content using powerful search tools.



Download

Select files or folders to download them to your local machine.



Folder Organization

Create, nest, and manage folders to structure your files efficiently.



File Preview

Quickly view document contents, images, and code without downloading.

File Name: Logo_Draft_v2.png
Type: PNG Image
Size: 1.2 MB
Dimensions: 1920x1080
Created: Oct 26, 2023

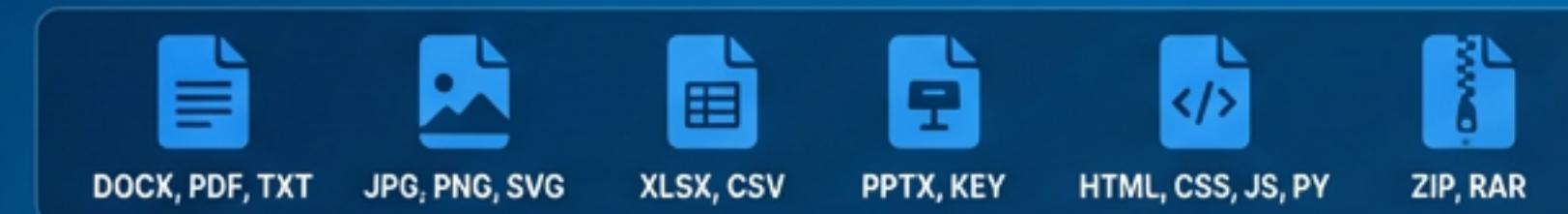


Rename & Move

Easily rename files and move them between folders with simple actions.

The screenshot shows a file management interface with the following elements:

- Search:** A search bar at the top labeled "Search files..." with a magnifying glass icon.
- Upload:** A "Upload" button in the top right corner.
- Folder Structure:** On the left, a sidebar shows "My Drive" expanded, revealing "Projects" which contains "Design Assets" (selected), "Documents", and "Code Repositories". Below "Projects" is "Shared".
- File List:** The main area lists files in a table:
 - Project_Brief.pdf (87.1 MB, PDF File)
 - Logo_Draft_v2.png (1.2 MB, selected, PNG Image)
 - Budget_Q3.xlsx (38.5 MB, Spreadsheet)
 - index.html (59.8 MB, Code File)
 - Cld_Drafts (Oct 26, 2022)
- Preview:** A modal window for "Logo_Draft_v2.png" shows a thumbnail and details:
 - Thumbnail: A blue square with a white sun and mountain icon.
 - Details: File Name: Logo_Draft_v2.png, Type: PNG Image, Size: 1.2 MB, Dimensions: 1920x1080, Created: Oct 26, 2023.
- Actions:** A context menu is open over "index.html", showing "Rename" and "Move to..." options.



Multi-Board Task Management

Personal

Personal

Work

Projects



Drag & Drop Tasks

Intuitively move tasks between columns.



Multiple Boards

Manage different projects or areas in separate boards.



To Do

Draft project proposal

Draft project proposal for your project competitors.



Due 16

Research competitors

Research competitors to move actions around cards.



Due 14

Email client follow-up

Email client follow-up for email tool review requirements.



Due 13

Draft project proposal

Research competitors with part



In Progress

Develop prototype

Develop prototype and manage your design.



Due 16

Design homepage mockups

Design homepage mockups for organizations.



Due 14

Prepare presentation slides

Prepare presentation slides and collected boards.



Due 13

Develop prototype

Design homepage mockups,



Done

Submit quarterly report

Submit quarterly report and complete organization.



Due 14

Update team wiki

Update team wiki to cut your business workflows.



Due 10

Create new user accounts

Create new user accounts with your accounts.



Due 10



Priority Levels

Visualize task urgency with color-coded dots.



Custom Columns

Adapt the board flow to your specific workflow.



localStorage Persistence

Your data is automatically saved in your browser.

Production Deployment

