MyDiary – Personal Diary Web App (JavaScript, no frameworks)

Main Features:

1. **Theme Switching**
   Light (sun) and *dark* (moon) mode toggle available in the top-right corner.
2. **Add New Entry**
   Users can create a new entry with:
   a. Input validation
   b. Image insertion (via file select or *drag & drop*)
   c. Card of the new entry is added on the right side of the page
3. **Tab Navigation**
   Available tabs: *New Entry, About, Media*.
   Switching tabs updates browser history (*History API* enabled).
4. **Media Tab**
   Audio and *video* playback support.
5. **Entry Management**
   a. *Filter* entries by tags
   b. *Expand/hide* long posts
   c. *View* full entry (via button or double-click)
   d. *Edit* or *delete* entries
6. **Entry View Mode**
   a. Navigate between entries (next/previous)
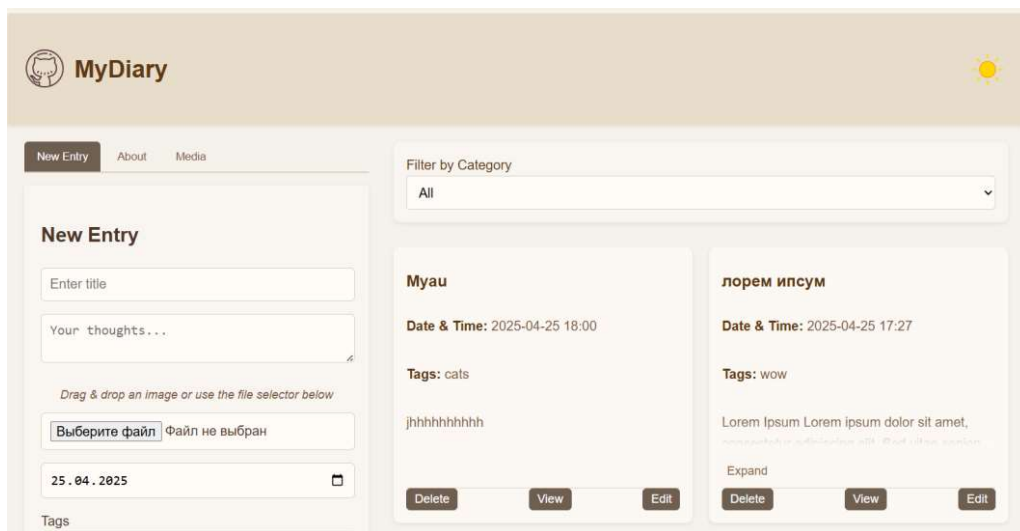   b. Close view mode

Technical Details:

- **Modular OOP structure**: Logic separated into dedicated manager modules (e.g., ThemeManager.js, EntryManager.js).
- **Local Storage**: Used for saving entries and theme preference.
- **Service Worker**: Enables offline support.
- **Manifest.json**: PWA support and compatibility with modern browsers.
- **Responsive Design**: Media queries implemented for mobile compatibility.
- **Drag and Drop**: For adding images to entries.
- **Online/Offline Detection**: Network status detected via JavaScript (console message on status change).
- **History API**: Used for tab navigation with back/forward functionality.
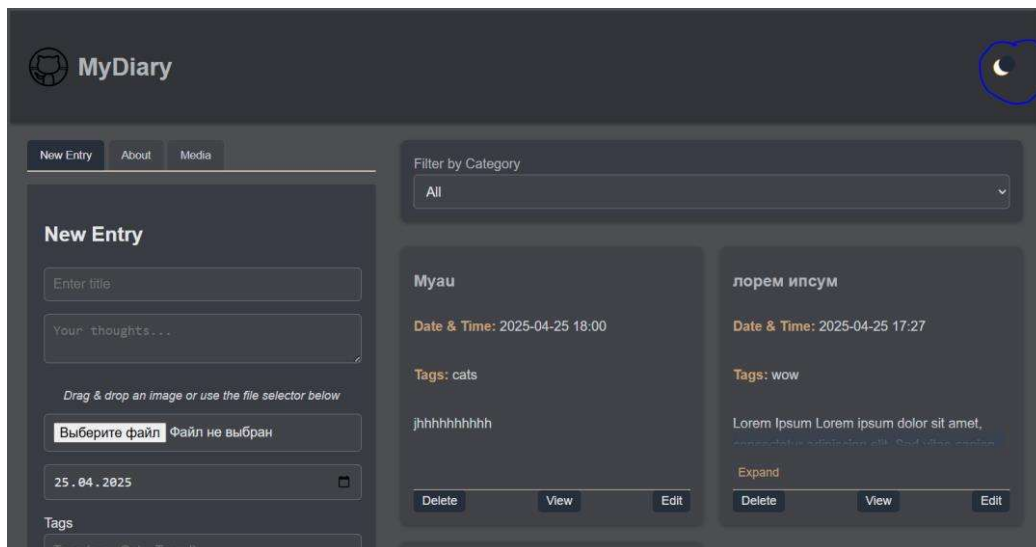
Troubleshooting (Browser Caching Issues):

- DevTools → Network tab → check "Disable cache"
- Console: localStorage.clear();
- Application tab → Local Storage → right-click → "Clear"
- Hard reload: Ctrl + Shift + R

Light mode

Dark mode

Left panel

New Entry   About   Media

New Entry

Enter title

Your thoughts...

Drag & drop an image or use the file selector below
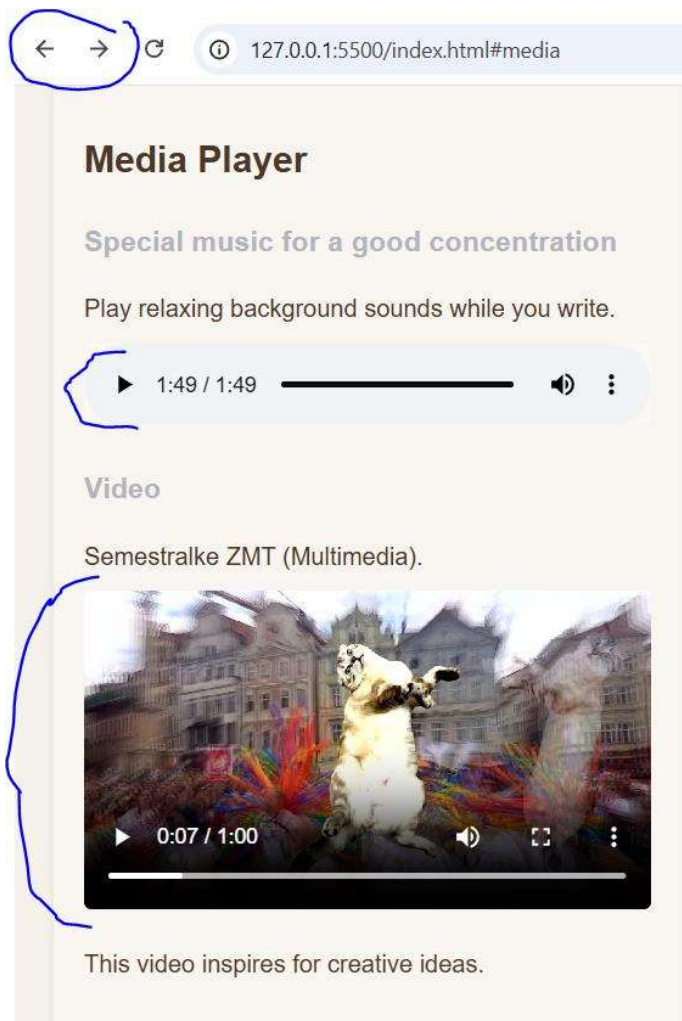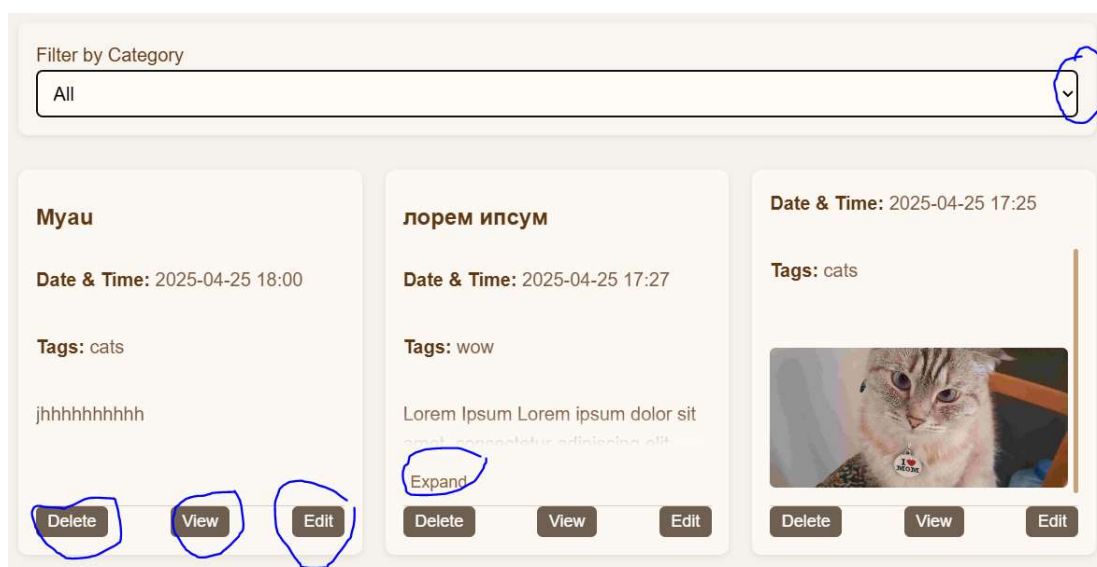
Выберите файл   Файл не выбран
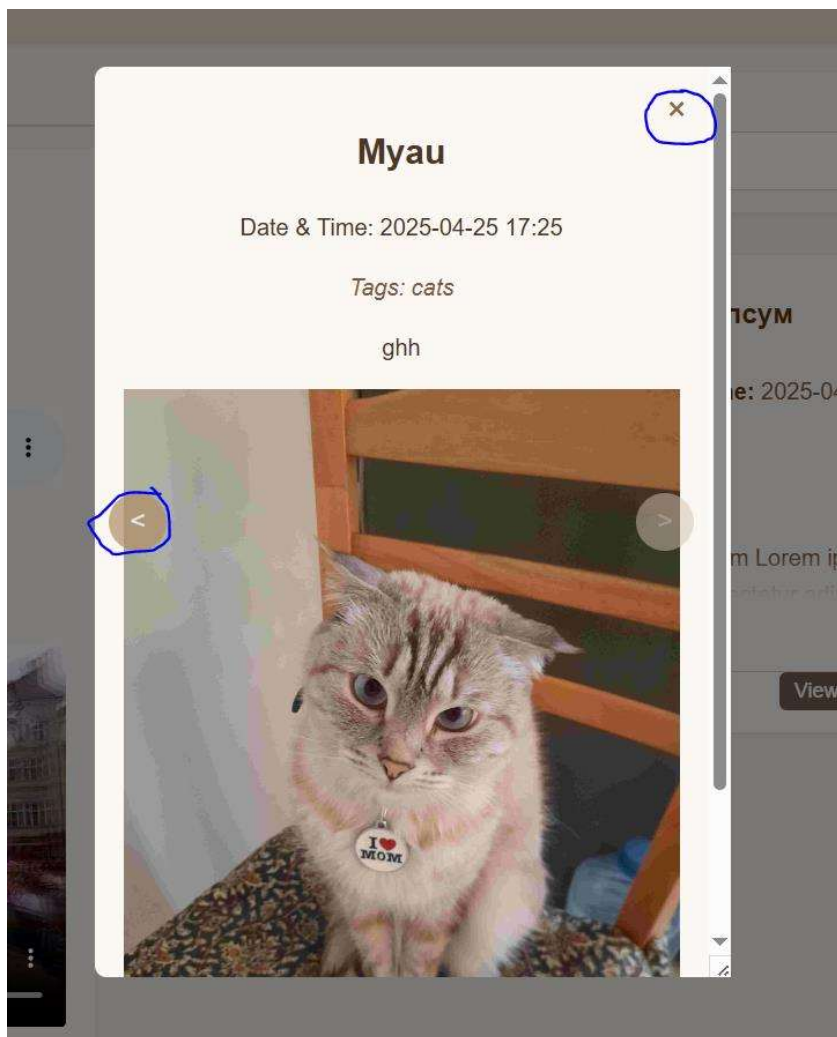
25.04.2025

Tags

Tags (e.g., Cats, Travel)

Add Entry

127.0.0.1:5500/index.html#media

Media Player

Special music for a good concentration

Play relaxing background sounds while you write.

▶ 1:49 / 1:49 ━━━━━━━━━━━ 🔊 ⋮

Video

Semestralke ZMT (Multimedia).

▶ 0:07 / 1:00 🔊 ⛶ ⋮

This video inspires for creative ideas.

Right panel:

Filter by Category

All ⌄

Myau

Date & Time: 2025-04-25 18:00

Tags: cats

jhhhhhhhhhh

Delete   View   Edit

лорем ипсум

Date & Time: 2025-04-25 17:27

Tags: wow

Lorem Ipsum Lorem ipsum dolor sit

Expand

Delete   View   Edit

Date & Time: 2025-04-25 17:25

Tags: cats

Delete   View   Edit

Entry view:

Edit Entry

Edit Entry

✕

лорем ипсум

Lorem Ipsum

Lorem ipsum dolor sit amet, consectetur

25.04.2025 📅

wow

Выберите файл | Файл не выбран

Update Entry