* 1. **Script.js**

// ===== Fetch all posts =====

async function getPosts() {

const res = await fetch('/api/posts');

return await res.json();

}

// ===== Add new blog =====

async function addBlog(e) {

e.preventDefault();

const title = document.getElementById('title').value.trim();

const author = document.getElementById('author').value.trim();

const content = document.getElementById('content').value.trim();

if (!title || !content) { alert("Title and Content are required"); return; }

await fetch('/api/posts', {

method: 'POST',

headers: { 'Content-Type': 'application/json' },

body: JSON.stringify({ title, author, content })

});

alert("Blog saved successfully!");

window.location.href = 'index.html';

}

// ===== Render homepage posts =====

async function renderPosts() {

const posts = await getPosts();

const container = document.getElementById('posts');

if (!container) return;

container.innerHTML = '';

if (posts.length === 0) { container.innerHTML = '<p>No posts yet. Add one!</p>'; return; }

posts.forEach(post => {

const div = document.createElement('div');

div.className = 'post';

// Post header with avatar

const header = document.createElement('div');

header.className = 'post-header';

const avatar = document.createElement('div');

avatar.className = 'avatar';

avatar.textContent = post.author.charAt(0).toUpperCase();

const titleAuthor = document.createElement('div');

titleAuthor.className = 'title-author';

const titleLink = document.createElement('span');

titleLink.className = 'title-input';

titleLink.textContent = post.title;

titleLink.addEventListener('click', () => window.location.href = 'blog.html?id=' + post.id);

const author = document.createElement('p');

author.innerHTML = `<em>by ${post.author}</em> • ${Math.ceil(post.content.split(" ").length / 200)} min read`;

titleAuthor.appendChild(titleLink);

titleAuthor.appendChild(author);

header.appendChild(avatar);

header.appendChild(titleAuthor);

// Post snippet

const snippet = document.createElement('p');

snippet.textContent = post.content.substring(0, 150) + '...';

// Footer with comments

const footer = document.createElement('div');

footer.className = 'post-footer';

const commentIcon = document.createElement('span');

commentIcon.innerHTML = `<i class="ri-chat-3-line"></i> ${post.comments.length}`;

footer.appendChild(commentIcon);

div.appendChild(header);

div.appendChild(snippet);

div.appendChild(footer);

container.appendChild(div);

});

}

// ===== Load single blog post =====

async function loadPost() {

const params = new URLSearchParams(window.location.search);

const id = params.get('id');

if (!id) return;

const res = await fetch('/api/posts/' + id);

if (!res.ok) { document.getElementById('post').innerHTML = '<p>Post not found</p>'; return; }

const post = await res.json();

document.getElementById('post').innerHTML = `<h2>${post.title}</h2><p><em>by ${post.author}</em></p><div>${post.content}</div>`;

const commentsList = document.getElementById('comments');

commentsList.innerHTML = '';

if (!post.comments.length) commentsList.innerHTML = '<li>No comments yet</li>';

else post.comments.forEach(c => {

const li = document.createElement('li');

li.textContent = `${c.username}: ${c.text}`;

commentsList.appendChild(li);

});

document.getElementById('commentForm').addEventListener('submit', async (e) => {

e.preventDefault();

const username = document.getElementById('username').value.trim() || 'Anonymous';

const text = document.getElementById('commentText').value.trim();

if (!text) { alert("Comment cannot be empty"); return; }

await fetch(`/api/posts/${id}/comments`, {

method: 'POST',

headers: { 'Content-Type': 'application/json' },

body: JSON.stringify({ username, text })

});

loadPost();

document.getElementById('commentText').value = '';

});

}