

TechBlog Ethiopia — Article System Flow & Content Structure

1. Article Content Structure

- Title
- Subtitle (optional)
- Short Description
- Cover Image (optional)
- Author Name + Location (Ethiopia-specific)
- Publish Date / Updated Date
- Category
- Tags
- Estimated Reading Time
- Main Article Body:
 - Introduction
 - Prerequisites
 - Step-by-step Sections
 - Code Blocks
 - Notes / Warnings
- Ethiopian Context Examples (local VPS, Ethio Telecom, local tools)
- Conclusion
- Further Reading / Resources

2. Article Flow in the Project

- User arrives at index.html → sees featured articles
- User clicks “Articles” → goes to articles.html

- articles.html loads list of all articles with:
 - Title
 - Summary
 - Category
 - “Read More”
- User selects an article → opens article.html?slug
- article.html displays:
 - Complete content
 - Related articles
 - Category links
- User navigates to categories.html to browse similar content
- Search (future):
 - Client-side search filters list via JS
 - Optional backend search (API/DB)

3. Resources for Writing & Implementing Articles

- Writing & Documentation:
 - MDN Web Docs — <https://developer.mozilla.org>
 - DigitalOcean Tutorials — <https://www.digitalocean.com/community/tutorials>
 - FreeCodeCamp Guides — <https://www.freecodecamp.org/news>
 - W3Schools References — <https://www.w3schools.com>
 - CSS Tricks Articles — <https://css-tricks.com>
- Ethiopian Developer Communities:
 - GDG Addis Ababa

- Ethiopian Programmers Telegram Groups
- ALX Ethiopia community spaces
- Ethiopia Software Developers Network (Facebook)

- Tools for Article Creation:

- VSCode Markdown Editor
- Notion / Obsidian for drafting
- Grammarly / LanguageTool for grammar
- Canva for cover images

4. Future Implementation Notes

- Optional JSON-based article data
- Optional Markdown support
- Optional CMS (Strapi, Decap CMS, Sanity)
- Optional backend (Node/Django/Laravel) for dynamic articles
- Add pagination, search filters, related posts via JavaScript

This document covers the flow, structure, and resources needed for implementing the article section in the TechBlog Ethiopia project.