

## 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.