



**DOCUMENT  
ENGINEERING**

# CMPSC 104 – Document Engineering

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ALLEGHENY COLLEGE

# Overview

## What is Wiki?

- A wiki is a collaborative platform where multiple users can create, edit, and organize content.
- Often used for documentation, knowledge sharing, and community-driven content.

### Key Features:

- Easy editing via web interface
- Simple linking between pages
- Focus on collaborative content



# Popular Wikis

## Wikipedia:

- A free, open-source online encyclopedia
- Largest and most well-known wiki platform

## GitHub Wiki:

- A wiki platform attached to GitHub repositories
- Used for documenting code, projects, or organizational information
- Only accessible to repository collaborators by default, with public viewing allowed

# Wikipedia vs. GitHub Wiki

## **Purpose:**

Wikipedia: Global encyclopedia for general knowledge.

GitHub Wiki: Repository-specific documentation for technical content and projects.

## **User Base:**

Wikipedia: Public, global audience.

GitHub Wiki: Primarily developers or project collaborators.

## **Content:**

Wikipedia: General knowledge articles.

GitHub Wiki: Technical documentation, project-specific instructions, architecture details.

# Github Wiki

Every repository on GitHub.com comes equipped with a section for hosting documentation, called a wiki.

You can use your repository's wiki to share long-form content about your project, such as how to use it, how you designed it, or its core principles.

A README file quickly tells what your project can do, while you can use a wiki to provide additional documentation.

# GitHub Wikis

**Jekyll GitHub Wiki:** <https://github.com/jekyll/jekyll/wiki>

- The Jekyll wiki contains guides for creating static websites and blogs using the Jekyll framework.

**Oh My Zsh GitHub Wiki:** <https://github.com/ohmyzsh/ohmyzsh/wiki>

- A wiki for Oh My Zsh, a popular framework for managing Zsh configuration, with setup guides and plugins.

# Why Use GitHub Wiki?

- **Integrated with GitHub:** Easy to manage alongside your codebase.
- **Collaboration:** Allows project teams to work together on documentation.
- **Public or Private:** Can be public-facing or restricted to project members.

# Getting Started with Github Wiki

1. Go to the **repository** where you want to add a wiki.
2. Click the "**Wiki**" tab at the top.
3. Click "**Create the first page**" to start.

requests

Actions

Projects

Wiki

Security

Insights

Settings



Welcome to the my-jekyll-site wiki!

Wikis provide a place in your repository to lay out the roadmap of your project, show the current status, and document software better, together.

Create the first page



# Github Wiki

4. Keep your **first page** as “**Home**” and use **markdown syntax** to format it.
5. Once you're done, click “**Save Page**”.

 Pull requests  Actions  Projects  **Wiki**  Security  Insights  Settings

## Home

Hang Zhao edited this page 13 minutes ago · 3 revisions

Edit

New page

## Welcome to the my-jekyll-site wiki!

More to come soon ...

+ Add a custom footer

▼ Pages **2**

Find a page...

▼ **Home**

Welcome to the my-jekyll-site  
wiki!

# Github Wiki

6. **Add more pages** by linking them inside the first page or by creating them from the "Pages" section.

 Pull requests  Actions  Projects  **Wiki**  Security  Insights  Settings

## Setup Guide

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### Prerequisites

Before you begin, ensure you have the following installed:

- Git
- Ruby
- Bundler

### Installing Dependencies

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Prerequisites

Installing Dependencies

# Github Wiki

[Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

## Features

[Edit](#)[New page](#)

Hang Zhao edited this page now · 1 revision

## Key Features

### Project Showcase

- Display your projects with images, descriptions, and links to the project repositories.

### Customizations

- Themes and Styles

### Screenshots

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Key Features

Project Showcase

Customizations

Screenshots

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# Github Wiki

## 7. Add custom sidebar

 Pull requests  Actions  Projects  Wiki  Security  Insights  Settings

### Editing \_Sidebar

Page history

New page

Delete page

\_Sidebar

Write

Preview

h1 h2 h3



B

i



Edit mode:

Markdown



**\*\*My Awesome Site\*\***

[Home](https://github.com/alleggheny-college-cmpsc-104-Fall-2024/my-jekyll-site/wiki/Home)

**\*\*Getting Started on Windows/Mac/Linux\*\***

- [Setup Guide](https://github.com/alleggheny-college-cmpsc-104-Fall-2024/my-jekyll-site/wiki/Setup-Guide)

- [Features](https://github.com/alleggheny-college-cmpsc-104-Fall-2024/my-jekyll-site/wiki/Features)

# Github Wiki

## 7. Custom Home page again

### Home

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Welcome to the my-jekyll-site wiki!

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My Awesome Site



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# Wiki

- Wikis are powerful tools for collaborative documentation.
- GitHub Wiki is a great choice for project-specific documentation.
- It's easy to set up and maintain, making it accessible for teams.

# Reference and Resources

- Markdown guide (<https://www.markdownguide.org/getting-started/>)
- Github Wiki: <https://docs.github.com/en/communities/documenting-your-project-with-wikis/about-wikis>