

AI-Driven Development - 30-Day Challenge-Task-6

Task 6 - GitHub × MCP Integration (Hosted Method)

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🕒 Deadline: 48 Hours

Slot:(Friday 6–9 PM)

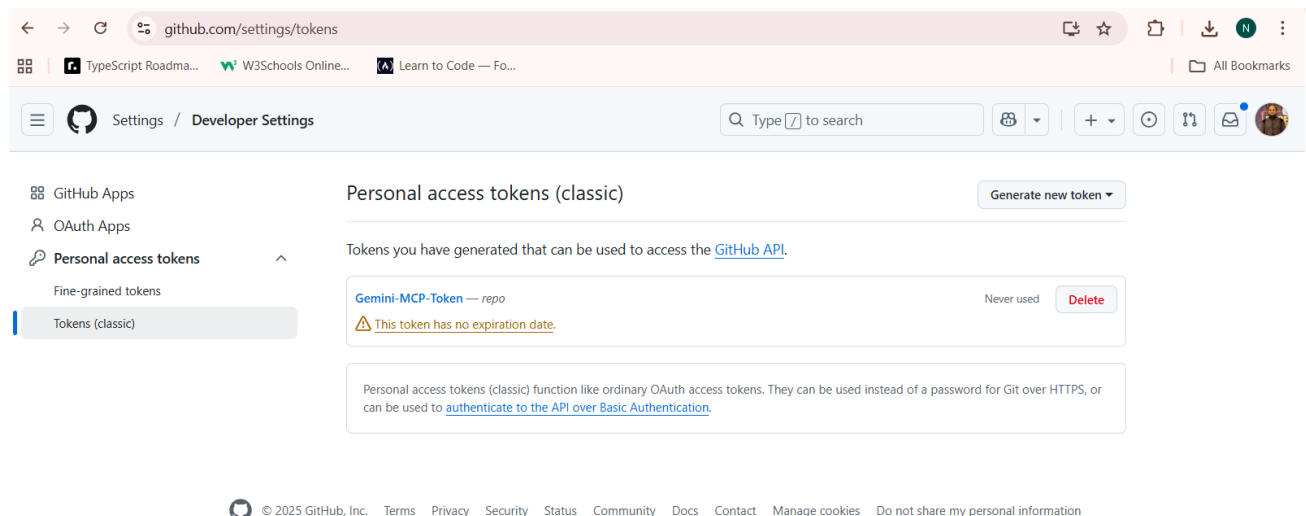
🎯 Task Objective

Students will connect GitHub MCP Server with the Google Gemini CLI using the Hosted (Remote) MCP Server.

This method does not require Docker or MCP installation - it's the simplest method.

After completing this task, AI will be able to read repositories and interact with GitHub.

Here are the images:





github.com/settings/personal-access-tokens

Settings / Developer Settings

Fine-grained personal access tokens

Generate new token

These are fine-grained, repository-scoped tokens suitable for personal [API](#) use and for using Git over HTTPS.

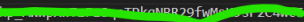
 Github-MCP-Connection Never used • ⚠️ This token has no expiration date	Delete
 project_4_assignment Never used • ⚠️ This token has expired	Delete

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File Edit Selection View Go Rungemini

settings.json .env

.env

```
1 GITHUB_MCP_PAT=
```

tmp

.env

- google_accounts.json
- installation_id
- oauth_creds.json
- settings.json
- state.json

```
27 {
28   "github": {
29     "command": "npx",
30     "args": [
31       "-y",
32       "@modelcontextprotocol/server-github"],
33     "env": {
34       "GITHUB_MCP_PAT": "${GITHUB_MCP_PAT}"
35     }
36   }
37 }
38
```

Ln 33, Col 27 Spaces: 2 UTF-8 LF JSON with Comments Chat quota reached Go Live Prettier+ Prettier

C:\Windows\system32\cmd.exe

GEMINI

Tips for getting started:

1. Ask questions, edit files, or run commands.
2. Be specific for the best results.
3. Create GEMINI.md files to customize your interactions with Gemini.
4. /help for more information.

> /mcp

Configured MCP servers:

- context7 - Ready (2 tools)
Tools:
 - get-library-docs
 - resolve-library-id
- github - Ready (26 tools)
Tools:
 - add_issue_comment
 - create_branch
 - create_issue
 - create_or_update_file
 - create_pull_request
 - create_pull_request_review
 - create_repository
 - fork_repository
 - get_file_contents
 - get_issue
 - get_pull_request
 - get_pull_request_comments
 - get_pull_request_files
 - get_pull_request_reviews

Windows PowerShell

```
npm error 404
npm error 404 Note that you can also install from a
npm error 404 tarball, folder, http url, or git url.
npm error A complete log of this run can be found in: C:\Users\NAQEEB\AppData\Local\npm-cache\_logs\2025-11-26T22_15_20_666Z-debug-0.log
```

GoogleSearch Searching the web for: "Google Generative AI CLI npm package"

Search results for "Google Generative AI CLI npm package" returned.

Shell npm install -g @google/gemini-cli [current working directory C:\Users\NAQEEB\.gemini] (Install the official Google Gemini CLI globally.)

```
npm warn deprecated node-domexception@1.0.0: Use your platform's native DOMException instead
npm warn cleanup Failed to remove some directories [
  npm warn cleanup   'C:\\Users\\NAQEEB\\AppData\\Roaming\\npm\\node_modules\\@google\\.gemini-cli-13zcU7vg',
  npm warn cleanup   [Error: EPERM: operation not permitted, unlink 'C:\\Users\\NAQEEB\\AppData\\Roaming\\npm\\node_modules\\@google\\.gemini-cli-13zcU7vg\\node_modules\\@lydell\\node-pty-win32-x64\\conpty.node'] {
    npm warn cleanup     errno: -4048,
    npm warn cleanup     code: 'EPERM',
    npm warn cleanup     syscall: 'unlink',
    npm warn cleanup     path: 'C:\\Users\\NAQEEB\\AppData\\Roaming\\npm\\node_modules\\@google\\.gemini-cli-13zcU7vg\\node_modules\\@lydell\\node-pty-win32-x64\\conpty.node'
  }
  npm warn cleanup ]
  npm warn cleanup ]
  npm warn cleanup ]
```

changed 576 packages in 2m

151 packages are looking for funding
run 'npm fund' for details

I have successfully installed the @google/gemini-cli globally.

Using: 2 MCP servers

> Press 'i' for INSERT mode and 'Esc' for NORMAL mode.

[INSERT] ~\.gemini

auto

