

Team Web Project: VS Code + GitHub Setup Guide

Step 1: Install the Tools

- Install VS Code: <https://code.visualstudio.com/>
- Install Git: <https://git-scm.com/downloads>
- (Optional) Install Live Server Extension in VS Code (for auto-refresh preview)

Step 2: Clone the Project Repository

1. Go to your project GitHub link.
2. Click the green 'Code' button and copy the HTTPS URL.
3. Open VS Code, then Terminal > New Terminal.
4. Type: `git clone https://github.com/your-username/your-repo-name.git`
5. Open the folder in VS Code: File > Open Folder.

Step 3: Make Changes in VS Code

- Open any file (HTML, CSS, etc.) and edit.
- To preview changes: right-click the HTML file and select 'Open with Live Server' (if installed).

Step 4: Save Changes to GitHub

Option 1: VS Code Visual Method

1. Go to Source Control tab.
2. Stage changes with plus icon.
3. Type a commit message.
4. Click the checkmark to commit.
5. Click the three dots and select Push.

Option 2: Terminal Method

1. `git status`
2. `git add .`
3. `git commit -m "Your message"`
4. `git push origin main`

Step 5: Pull Changes from Teammates

Before you start work, pull changes:

`git pull origin main`

Quick Notes

- Always pull before you start working.
- Push your changes when you finish.
- If conflicts happen, ask your senior teammate for help.

Optional: Branching for Bigger Projects

1. Create new branch: `git checkout -b new-feature`
2. Push branch: `git push origin new-feature`

Bonus Tip: Auto-Refresh Live Preview

- Install Live Server extension in VS Code.
- Right-click HTML file and select Open with Live Server.

Bonus Tip: Real-Time Collaboration (VS Code Live Share)

- Install 'Live Share' extension in VS Code.
- Share your session link for real-time coding with teammates.

Final Note

You are now working like real developers!

If you get stuck, ask your senior teammate for help.