



## Workshop Part: GitLab Web IDE (30 Minutes)

*Goal: Create and share the project.*

### Phase 1: The Birth of a Project (5 mins)

1. Browser: Go to GitLab (goto/gitlab) -> (+) -> New project/repository -> Create blank project.
2. Name: **Git-Training-YourName**.
3. Project URL: scroll down and select your t-number
4. Invite: Manage (Left column) -> Members -> Invite Members. Add your neighbor as a Developer.

### Phase 2: The "Quick & Dirty" Edit (5 mins)

*Goal: Launch the IDE for the first time.*

1. On your project home page: look for the Web IDE button (often located where the "Edit" button is).
2. The Environment: This is VS Code editor running in the browser.
3. Create: Right-click in the sidebar -> New File -> **myfile.md**.
4. Write: Type **# My GitLab Project**.
5. The Commit: \* Click the Source Control icon in the left sidebar (the one that looks like a branch/node).
  - o Type a message: *"Initial commit"*.
  - o Click Commit & Push to 'main'.

### Phase 3: The Proper Way (Feature Branches) (10 mins)

*Goal: Practice "Sandbox" editing.*

1. New Branch: In the bottom-left corner of the Web IDE, click where it says **main**.
2. Select Create new branch. Name it **add-profile**.
3. Edit: Open **README.md** and add: **Role: Learning Git**.
4. Commit: Go to the Source Control tab again.
  - o Message: *"Added role to profile"*.
  - o Click Commit.
  - o A popup will ask if you want to Create a Merge Request. Click Yes.

### Phase 4: Peer Review & The "Merge" (5 mins)

1. The MR: You are now taken back to the standard GitLab interface. Fill in the description and Assign it to your neighbor.
2. Review: Go to Merge Requests in the sidebar. Open the one your neighbor sent you.
3. Comment & Approve: Click the Changes tab. Hover over a line, click the (+), and leave a comment: *"Great addition!"*

**4. Merge:** Click the green Merge button.

### **Phase 5: Uploading & The "Noobie way" (5 mins)**

- 1. Upload:** In the Web IDE, you can actually drag and drop files from your computer directly into the sidebar to upload them! Try it with a small image or text file.
- 2. The Download:** Go back to the main project page. Click **Code** (the blue button) -> Download source code -> zip.