**🔹 GitLab Lab Scenario: Developer Role, Branching & Merge Request**

**Part 1 – Pre-requisites**

* GitLab project already created.
* Admin account available.
* One test user (studentuser) already added in the group.

**Part 2 – Change Role to Developer**

1. Login as **Admin**.
2. Go to **Group → Members**.
3. Change studentuser role from **Guest/Planner → Developer**.

**Part 3 – Developer Creates a Branch**

1. Logout from Admin and login as studentuser.
2. Navigate to the assigned **Project → Repository → Branches**.
3. Click **New Branch**.
   * Branch name: feature-fix-1
   * Based on: main branch.
4. The new branch feature-fix-1 will now appear in the branch list.

**Part 4 – Add a Change in the Branch**

1. Stay logged in as studentuser.
2. Navigate to **Repository → Files**.
3. Switch to the new branch feature-fix-1.
4. Create a new file (e.g., README-update.md) → Add some sample content:
5. # Test Update
6. This is a test commit by Developer role.
7. Commit the changes directly to the feature-fix-1 branch.

**Part 5 – Create a Merge Request (Pull Request)**

1. After committing, GitLab will suggest: **“Create Merge Request”**.
   * Click on it.
2. Select:
   * Source branch: feature-fix-1
   * Target branch: main
3. Fill in title: **“Merge feature-fix-1 into main”**.
4. Submit the Merge Request.

**Part 6 – Maintainer/Admin Reviews & Merges**

1. Login back as **Admin**.
2. Navigate to **Merge Requests**.
3. Open the MR created by studentuser.
4. Review changes → Optionally comment.
5. Merge into main.

**Outcome / Learning**

* **Developer role** allows branch creation and MR submission, but not forced merges into protected branches (main).
* Students see the **collaboration workflow** (Developer → Maintainer).