**3.Git-HOL**

**Objectives:**

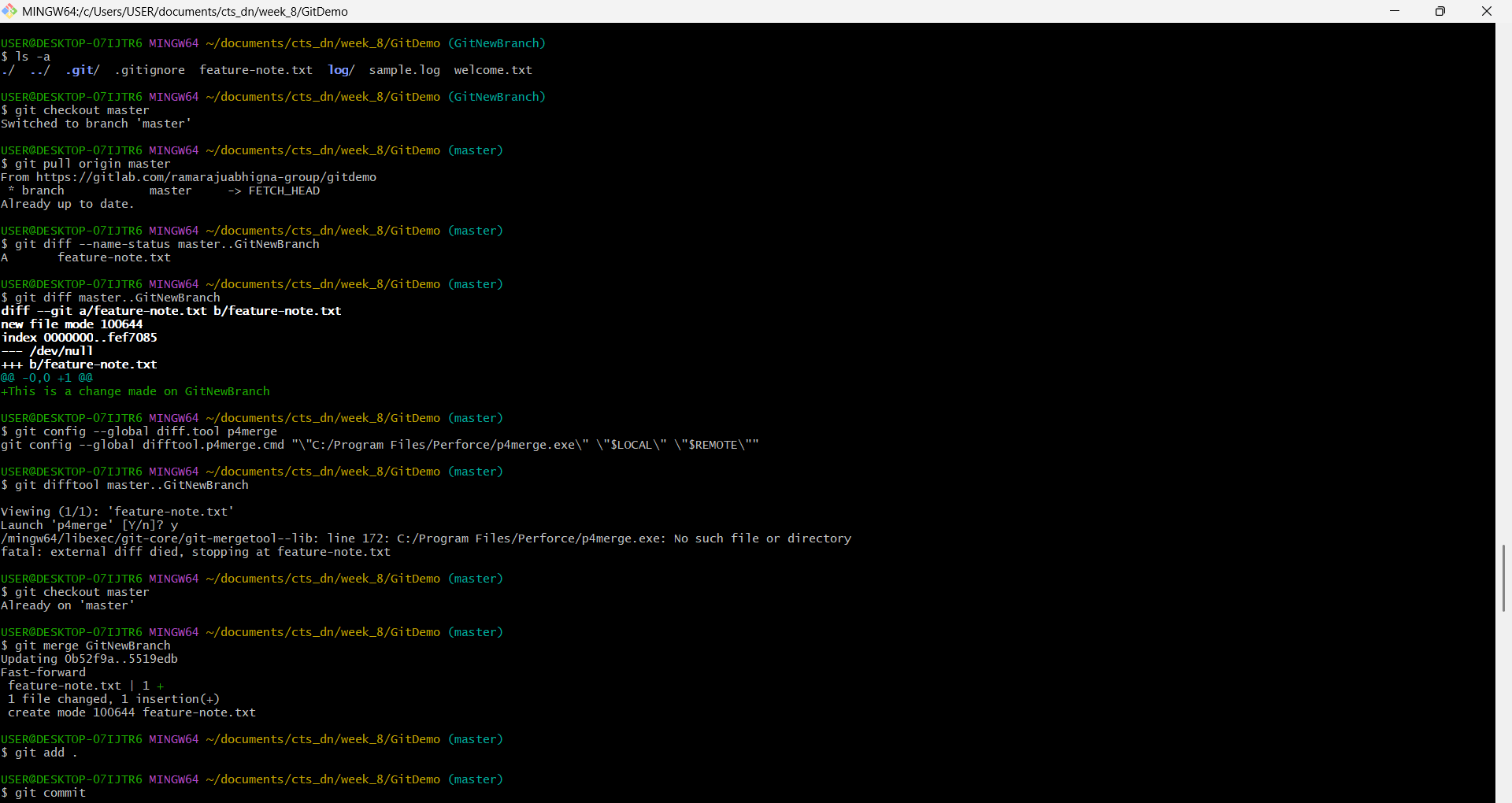
**Branching and Merging:**Branching in Git lets you create a separate line of development to work on features or fixes without affecting the main code. Merging combines changes from one branch into another (usually into master or main), integrating the work back into the main project.

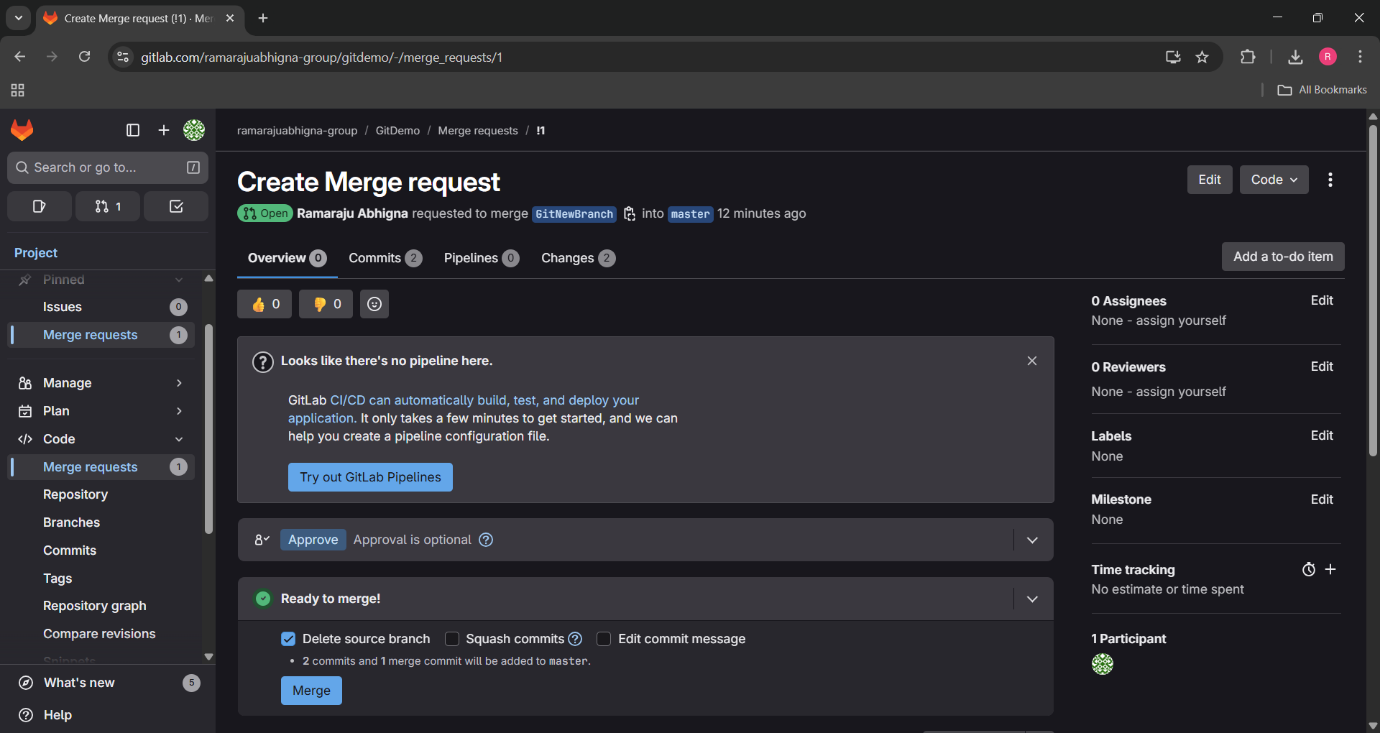
**Creating a Branch Request in GitLab:**  
A branch request in GitLab is simply creating a new branch in the repository, either from the GitLab UI or via Git commands. It allows you to work on changes independently while keeping the main branch stable.

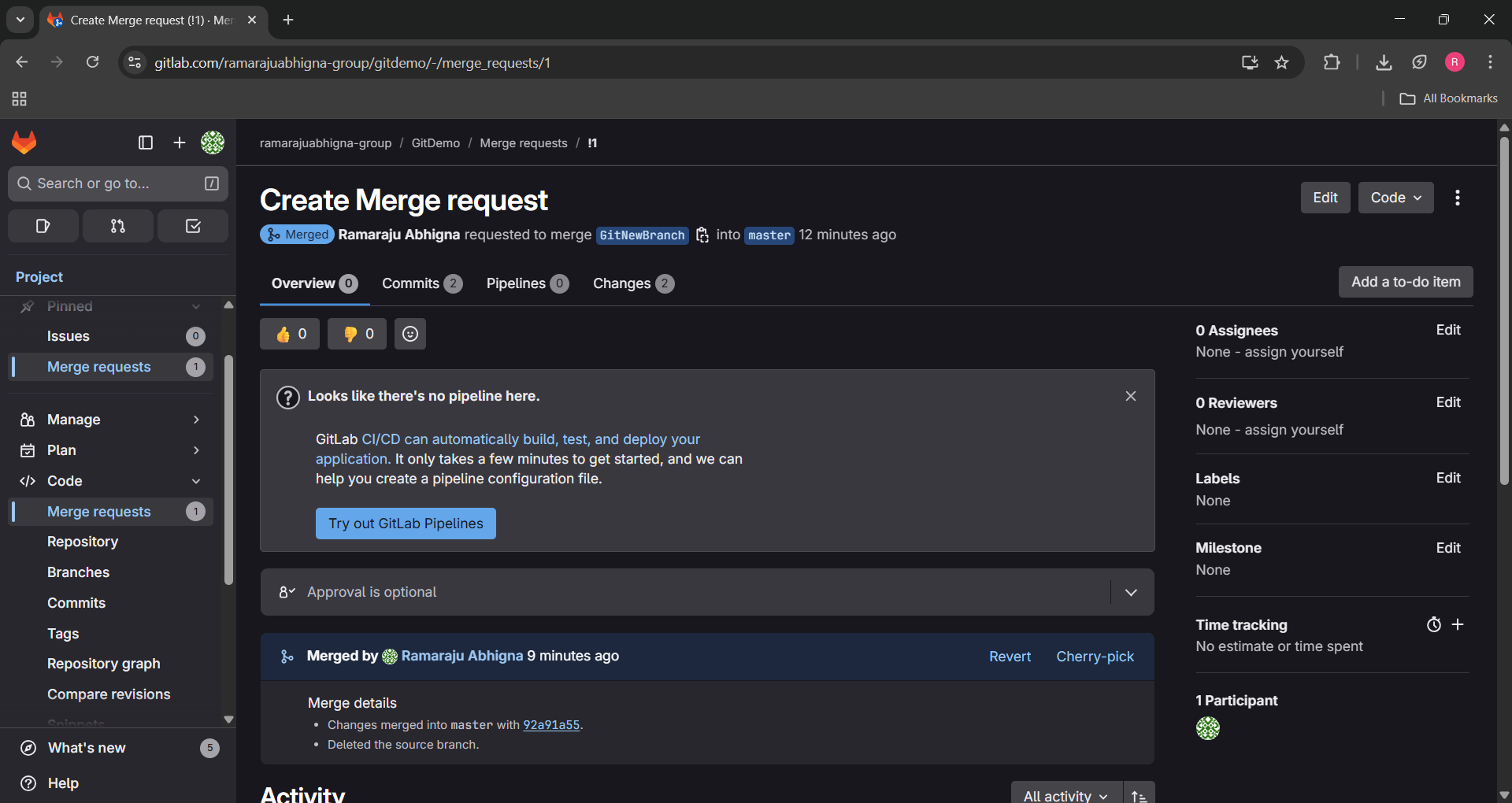
**Creating a Merge Request in GitLab:**A merge request in GitLab is used to propose integrating changes from a source branch into a target branch. It allows team members to review, discuss, and approve changes before merging them into the main codebase.

**Git Commands:**

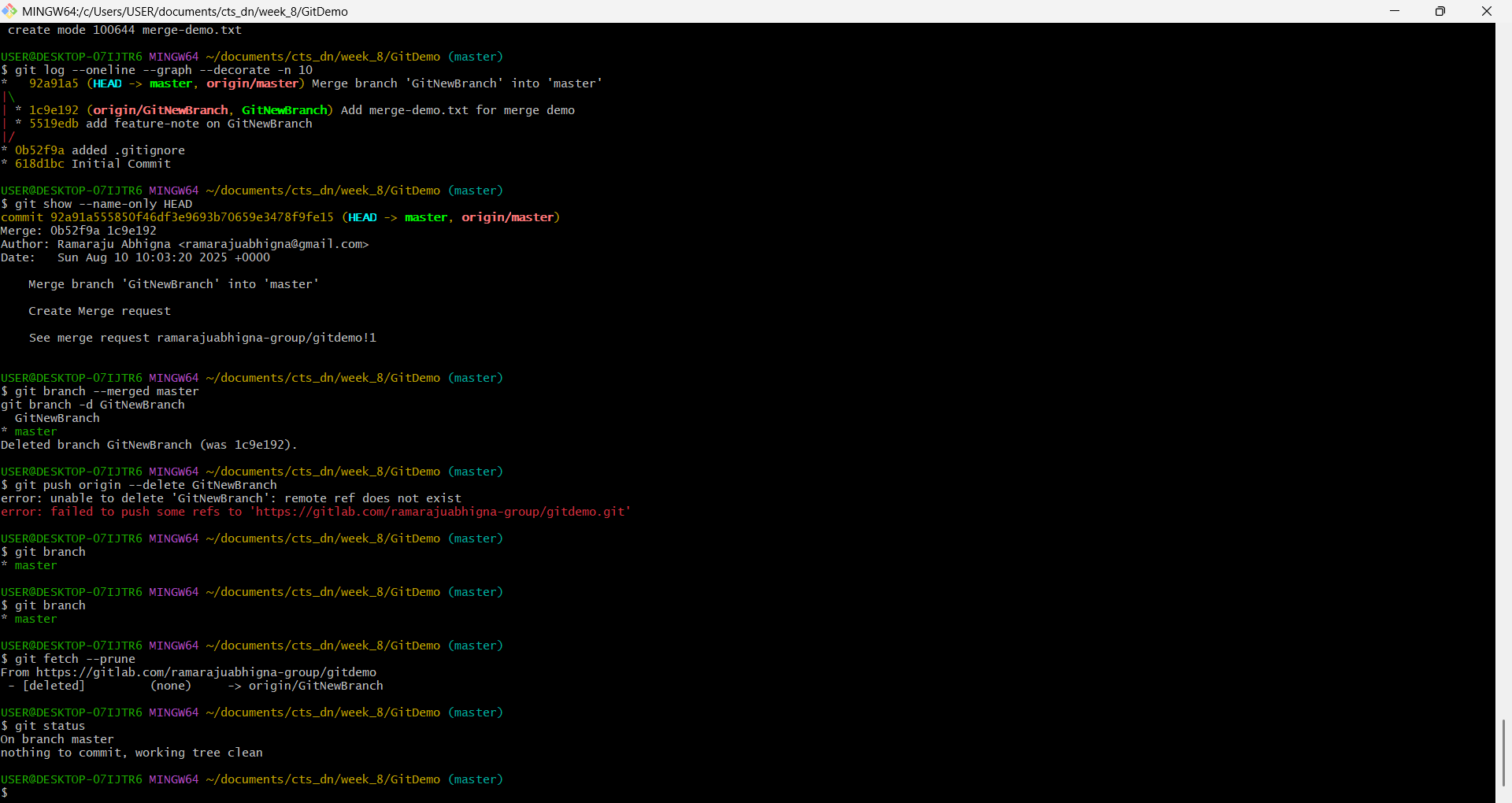
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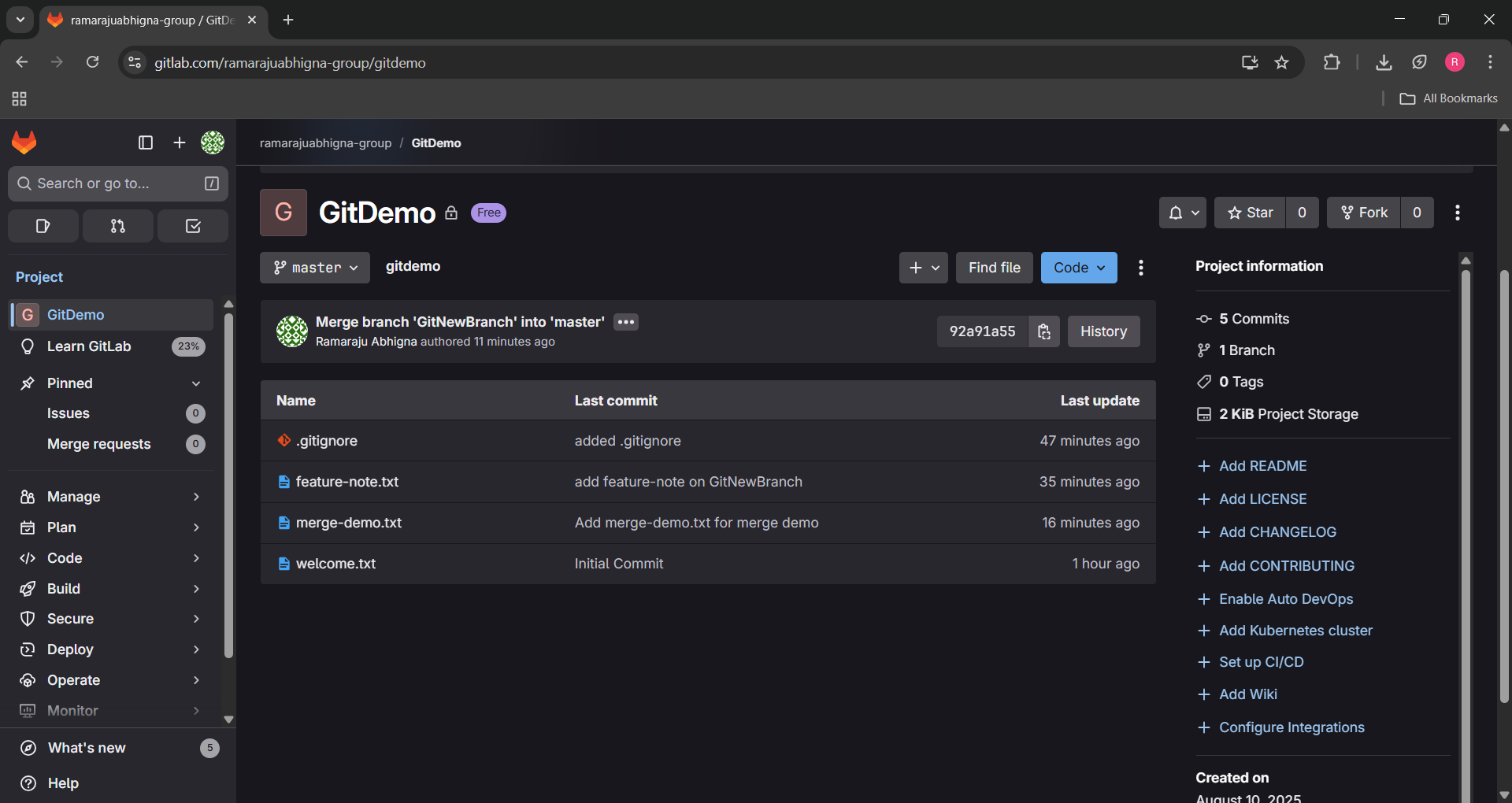
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