Architecture to Lock Master Branch

Repository created within an Organization

User

1. Login to GitHub → GitHub

3. Webhook triggered (set to trigger on new repositories)

Web Listener

2. Create Respository

Organization

4. Master Branch Locked*

5. Issue created and @mention + info supplied in issue**
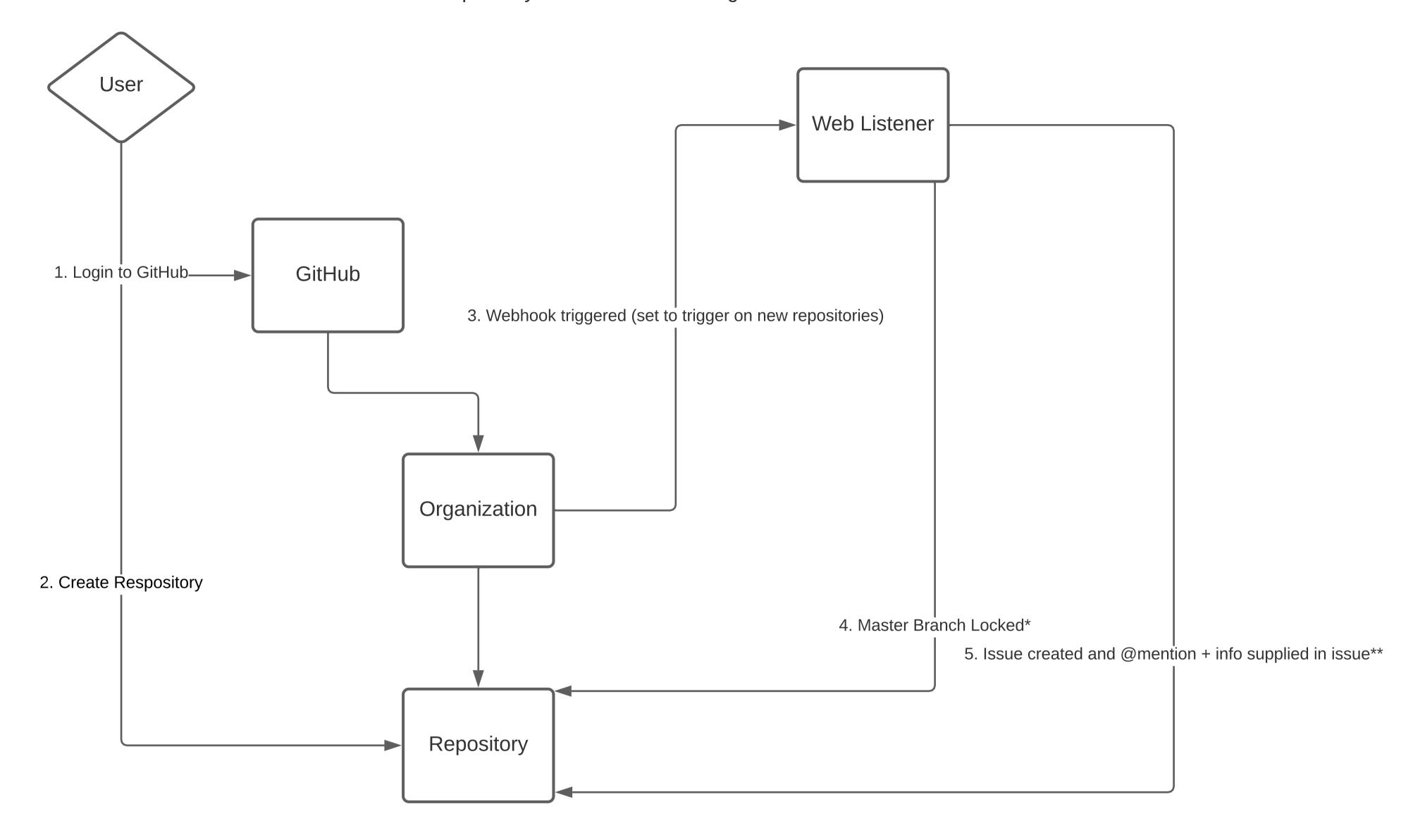
Repository

* Set admin branch protection:
https://docs.github.com/en/rest/reference/repos#set-admin-branch-protection

** Post @mention to issue:
1. Create the issue: https://docs.github.com/en/rest/reference/issues#create-an-issue
2. Comment on the issue: https://docs.github.com/en/rest/reference/issues#create-an-issue-comment