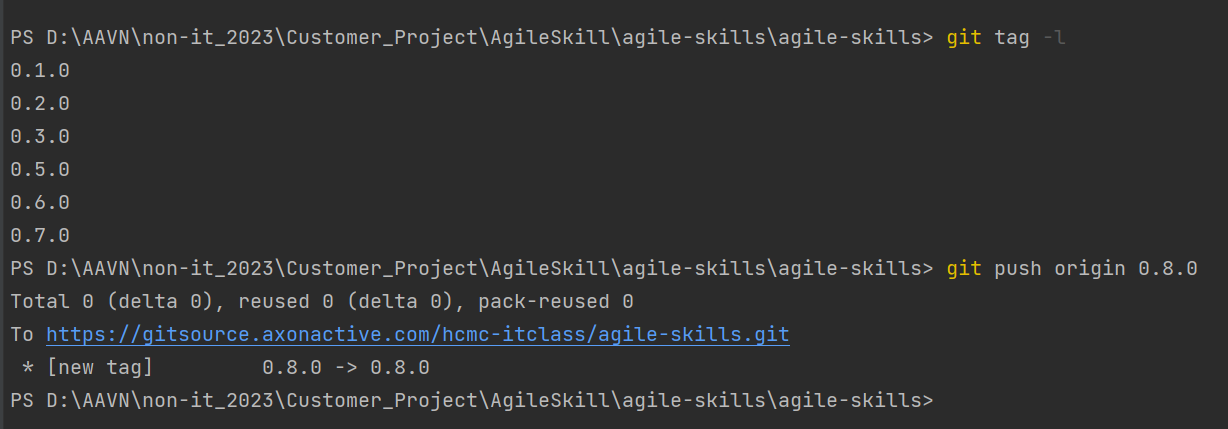
# Release Back-End Agile Skill project

Open the Intellij, in the terminal using the following commands:

git tag - l (to get list of tag version)

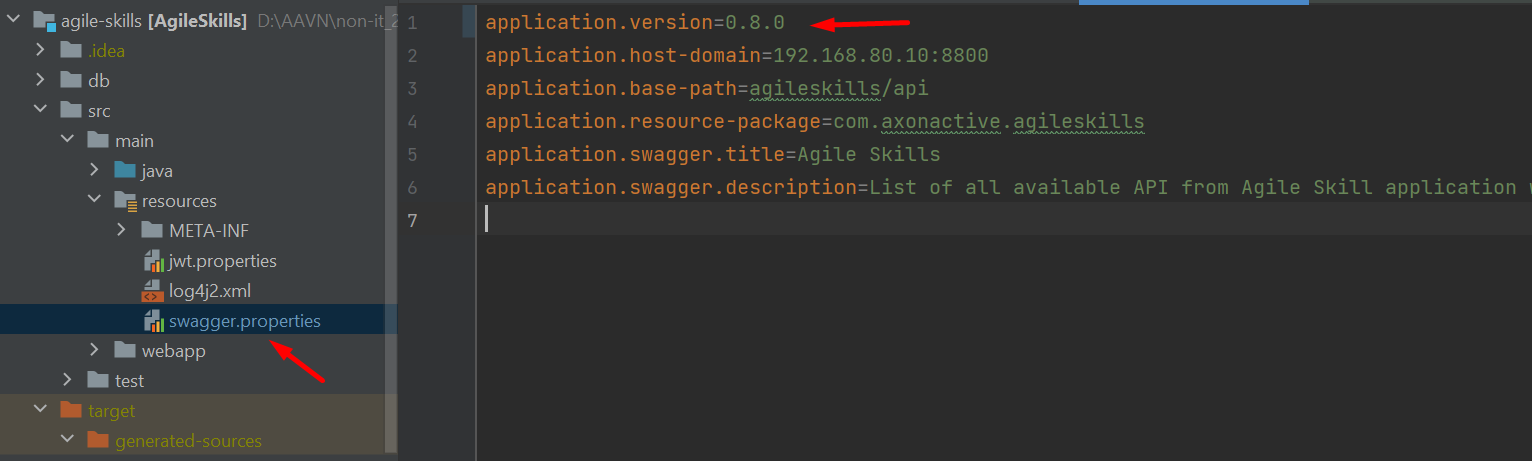
git tag [version-number]

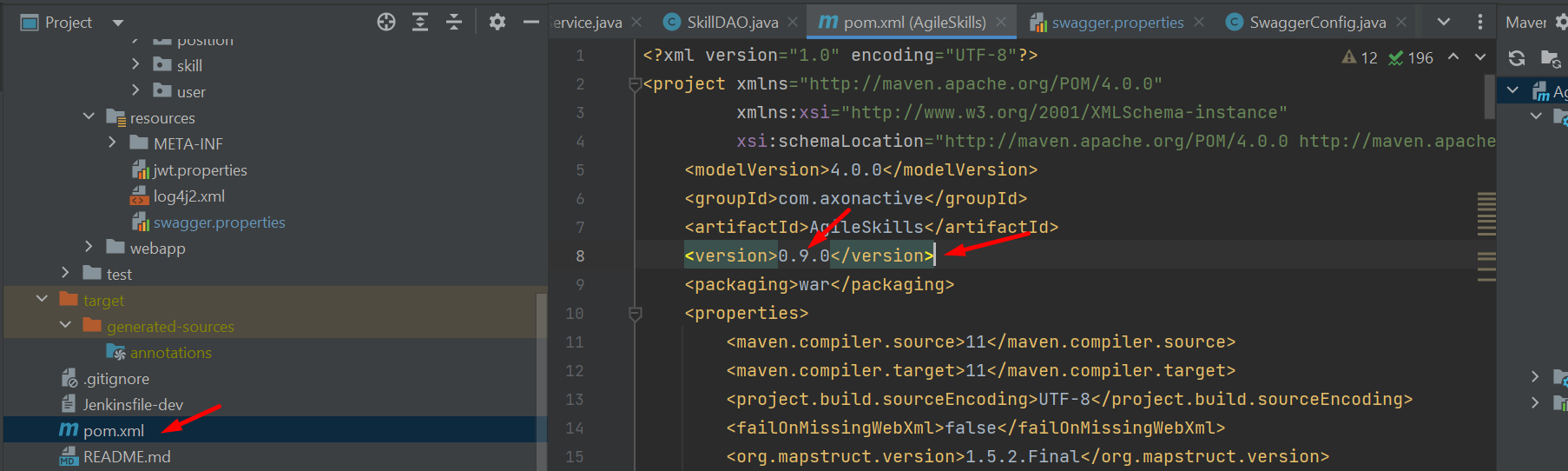


Create a new branch to change versions:

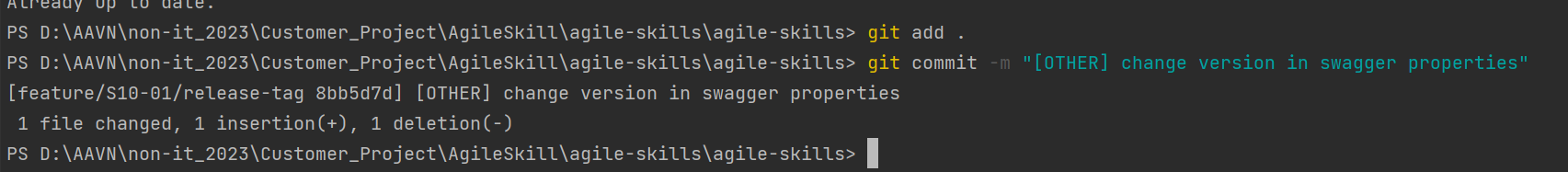
git checkout -b feature/S10-01/release-tag

change version in POM.XML, swagger.properties:





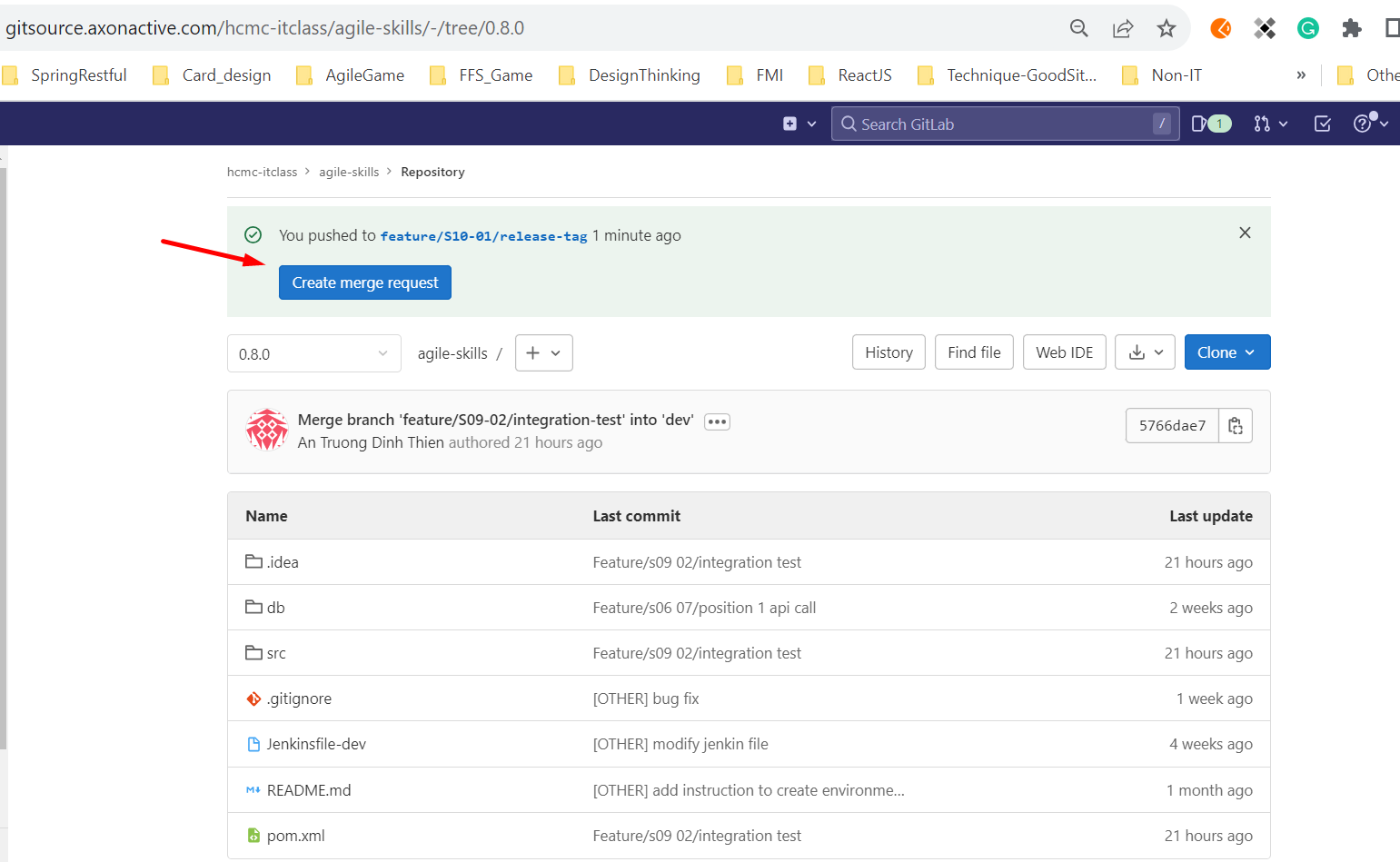
Commit new change:

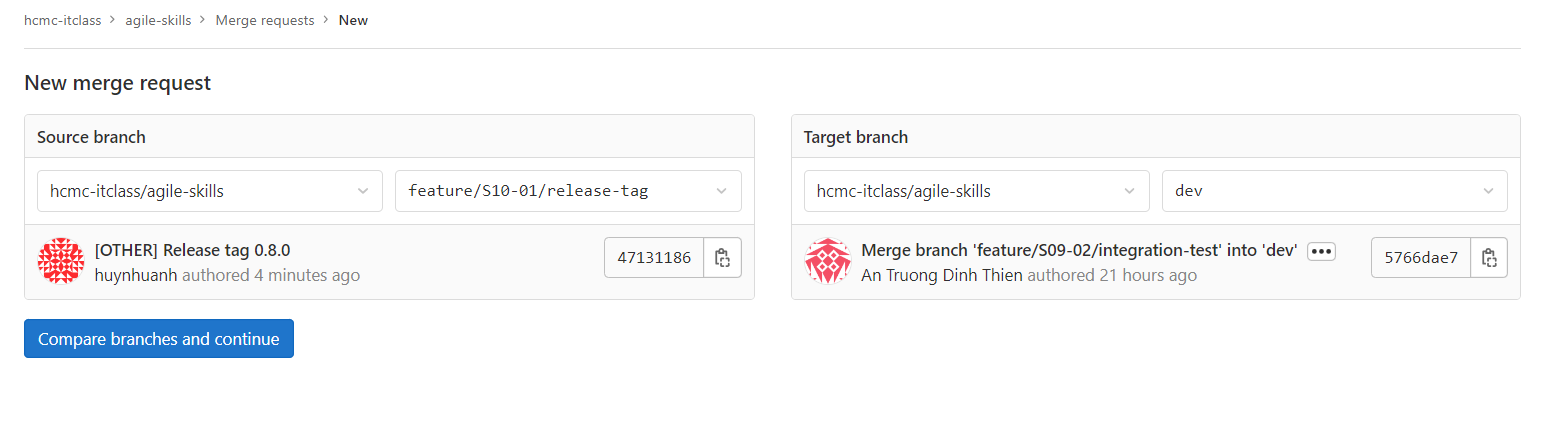


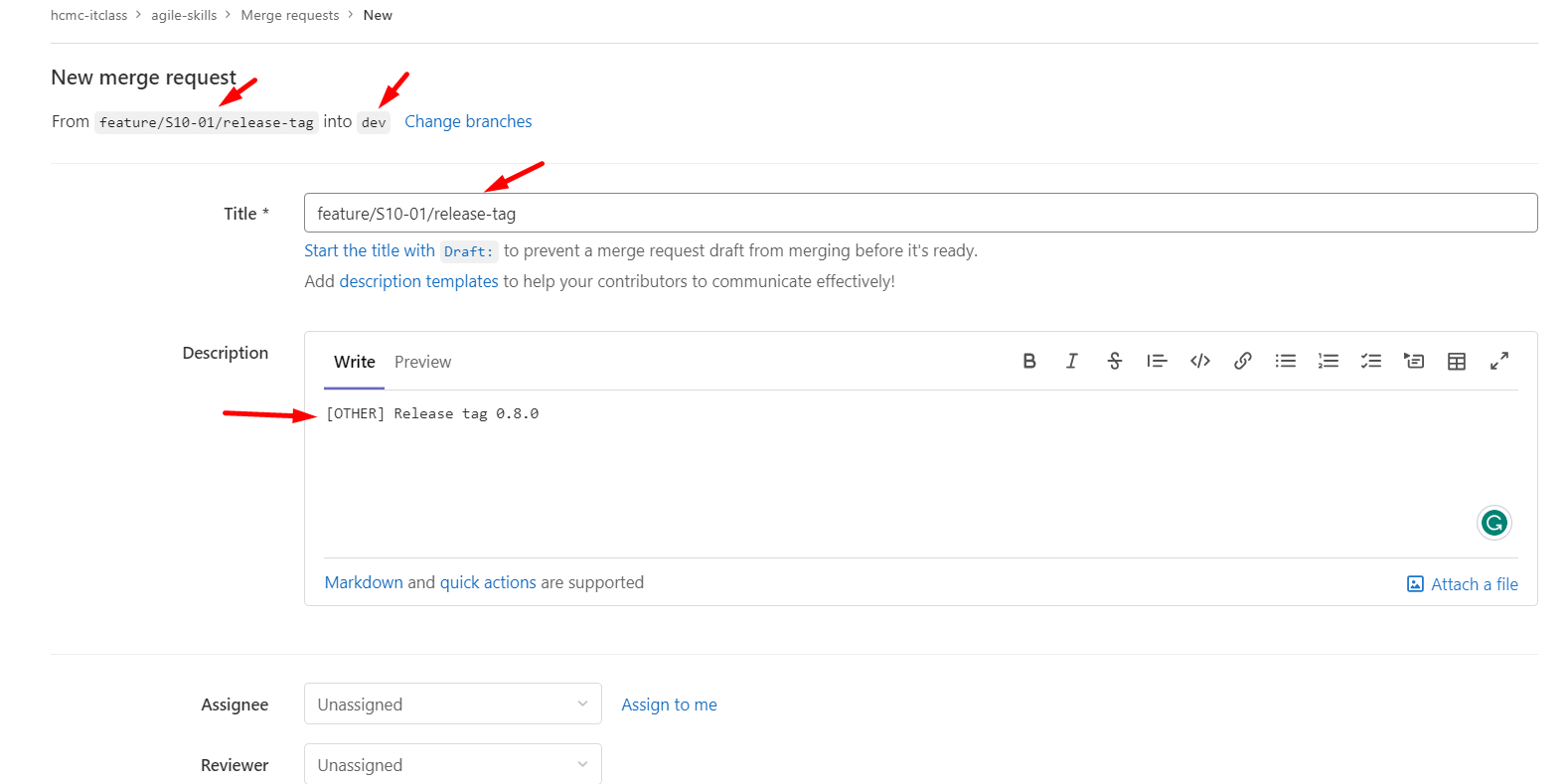
Then push to remote branch and create merge request:

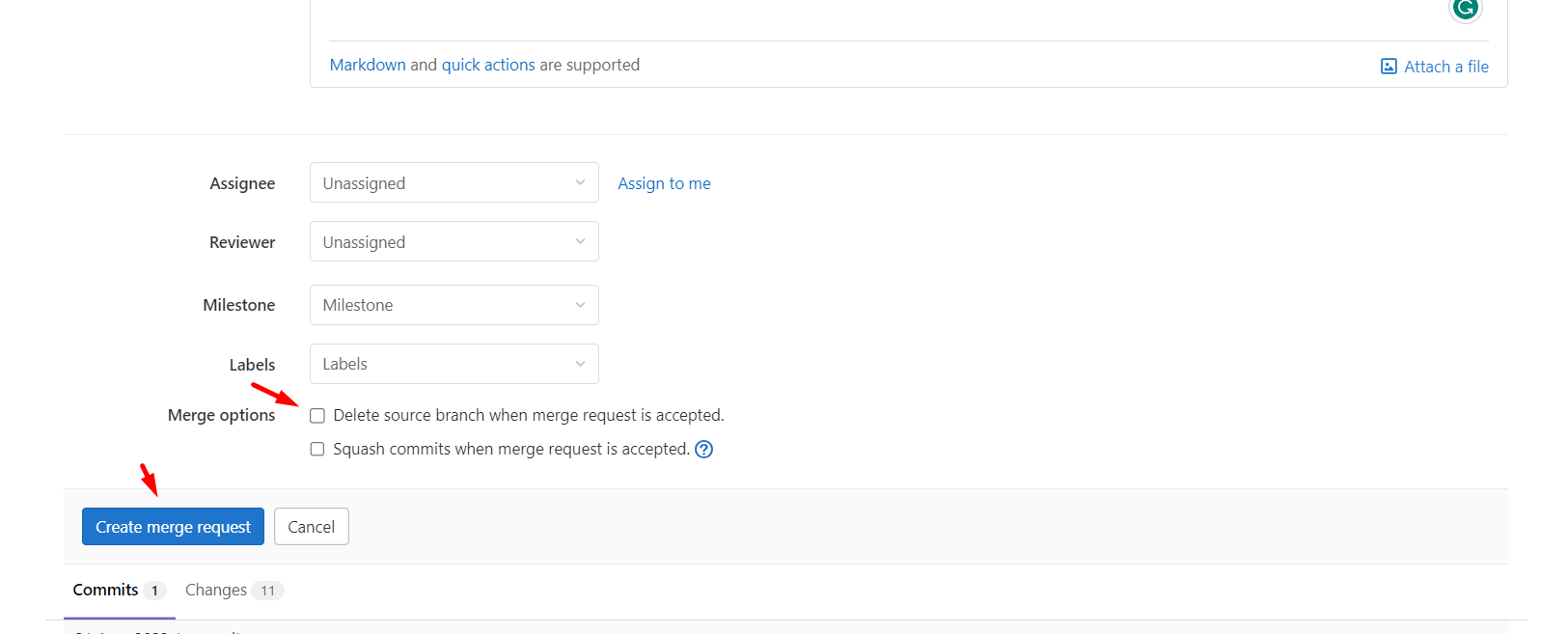


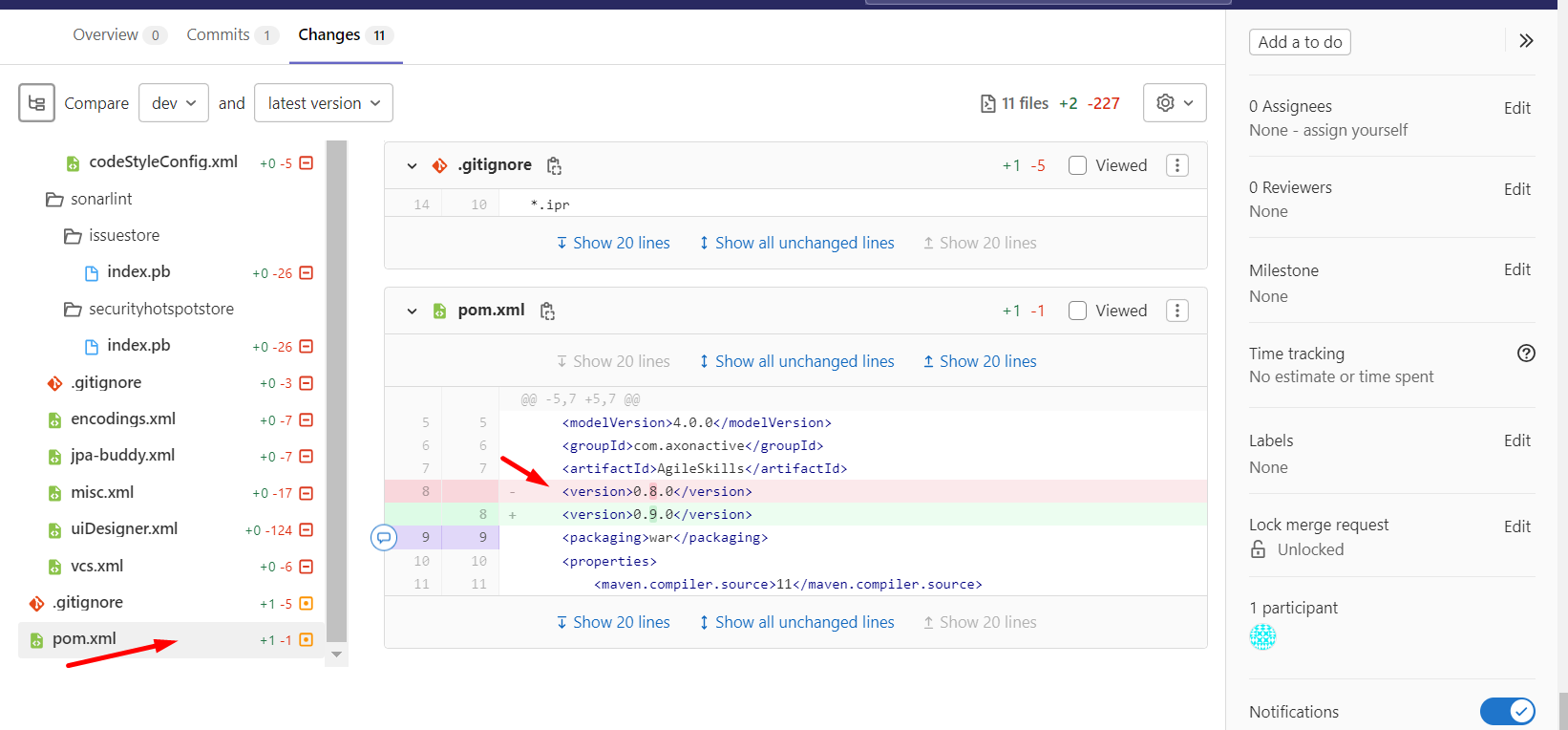
Open Gitlab in Chrome browser and go to repo of the Agile skills project backend. Then click to create merge request as follows:



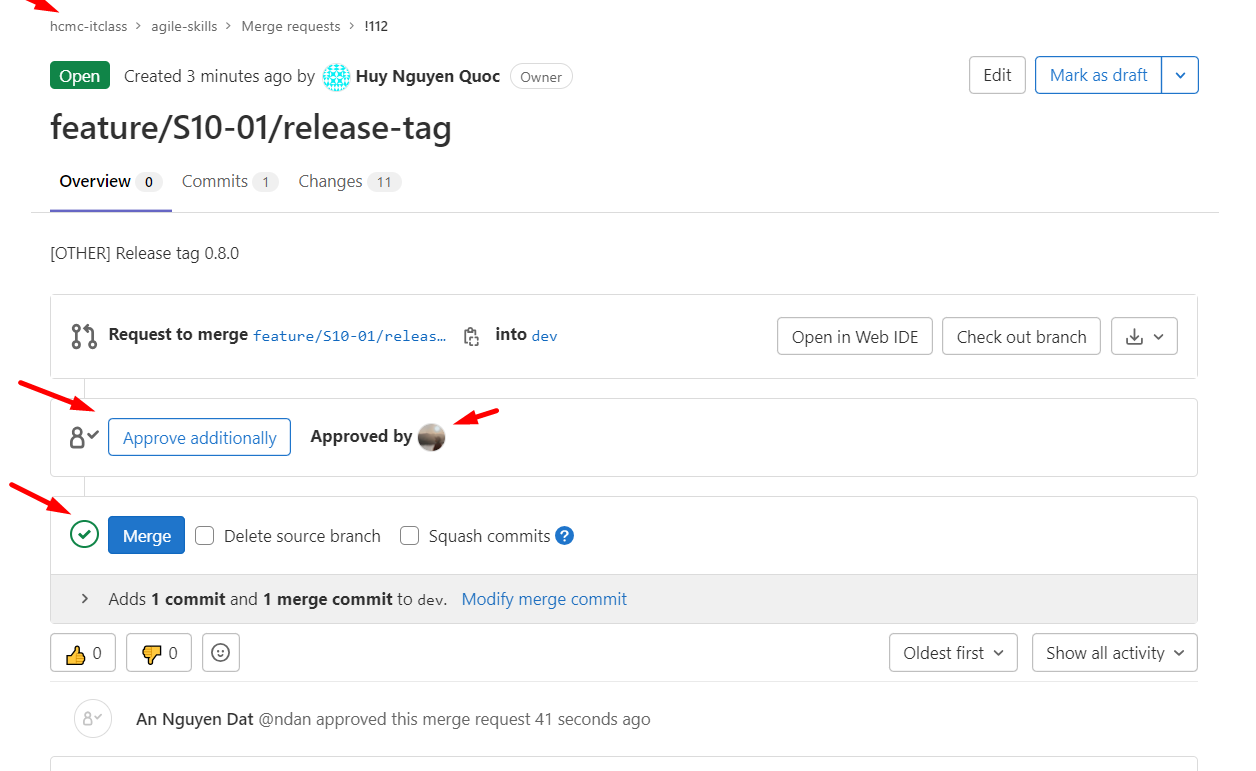








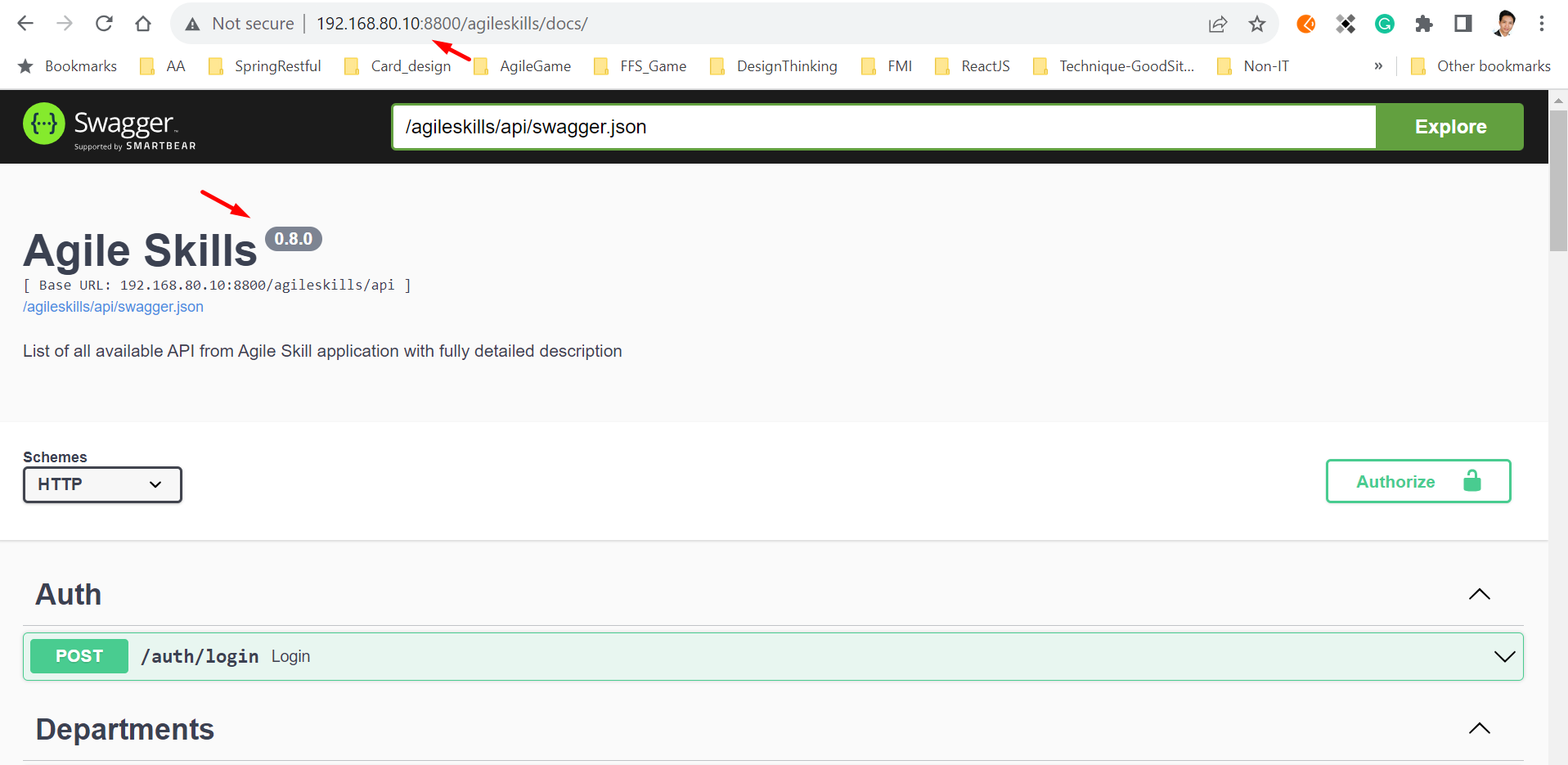
After another member approved:



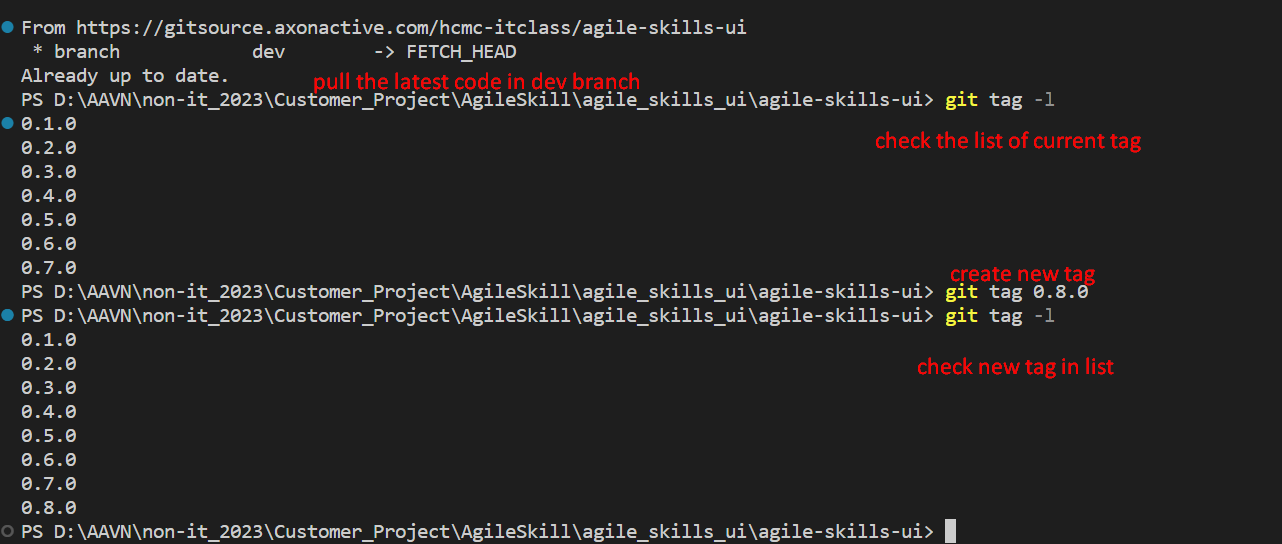
* Login to Jenkin and build

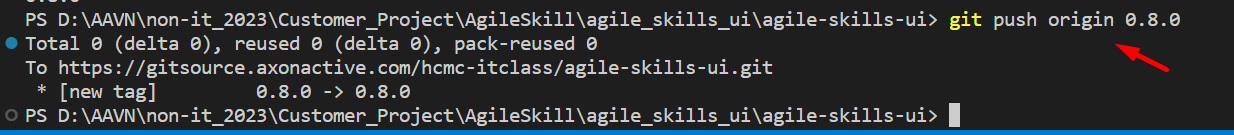
<http://192.168.80.10:8080/> username & pass please check in Trello of non-it class board.

After Jenkin build job run successful; you can check the swagger with version:

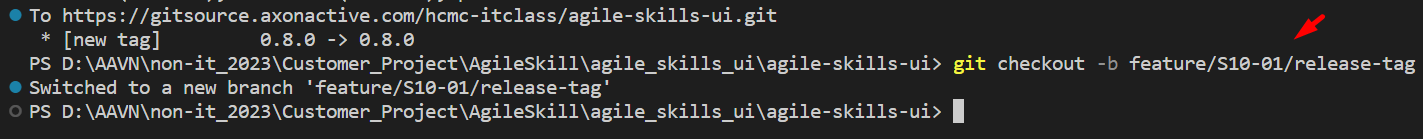


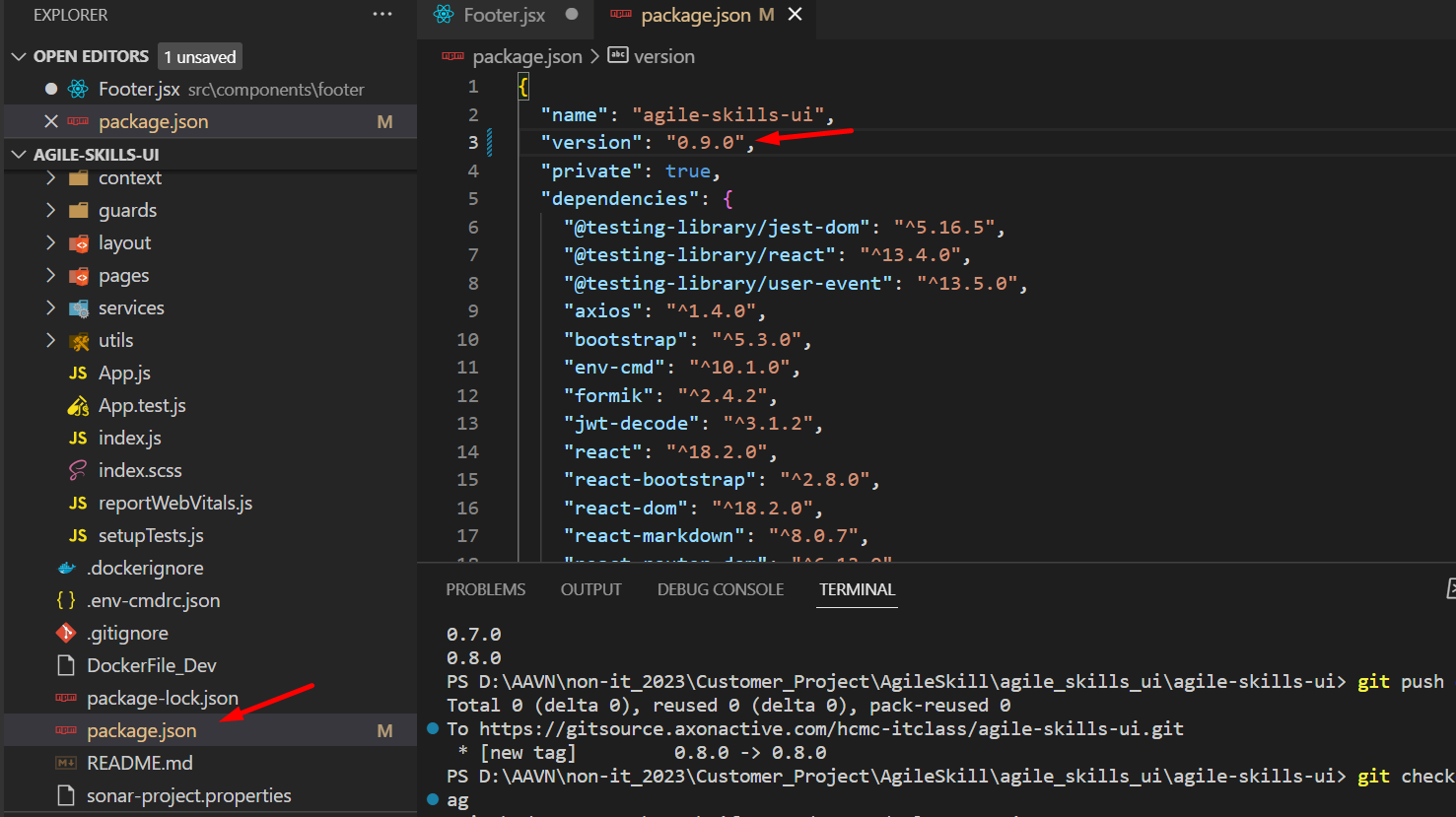
# Release Front-End

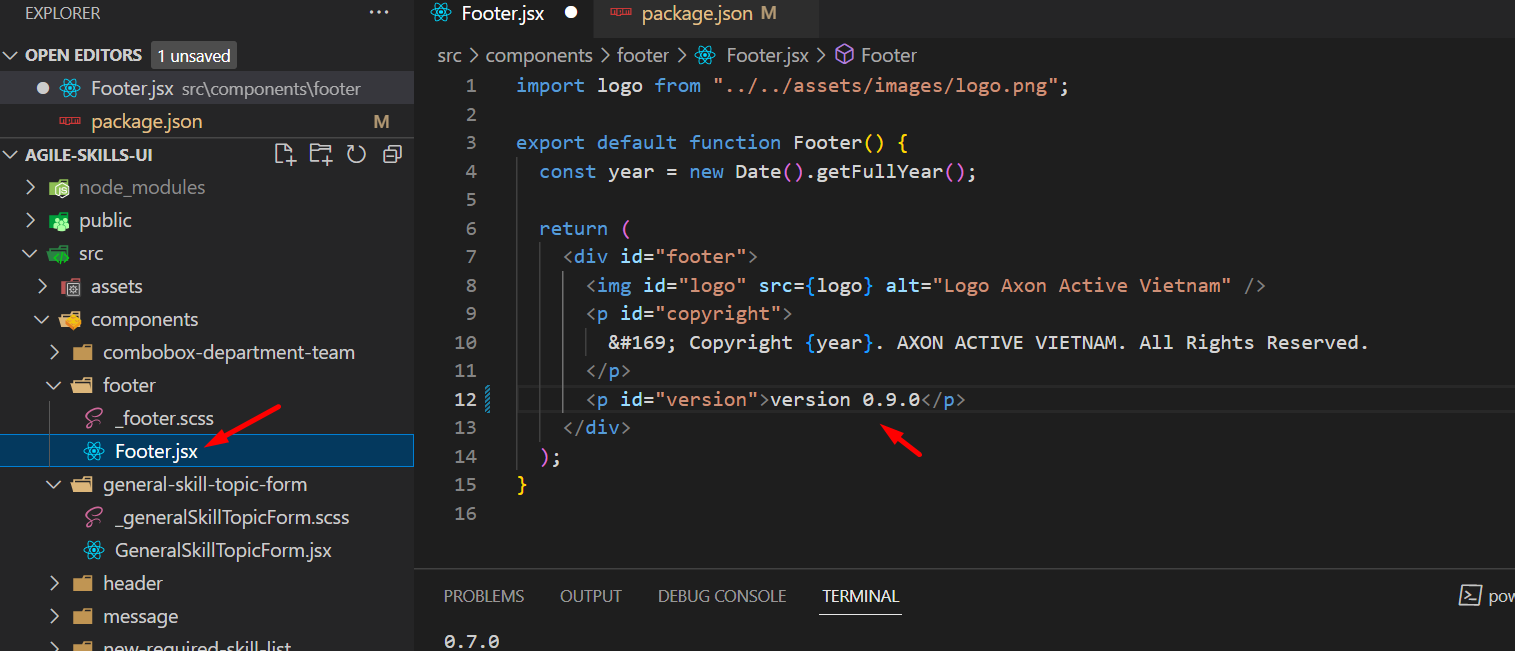




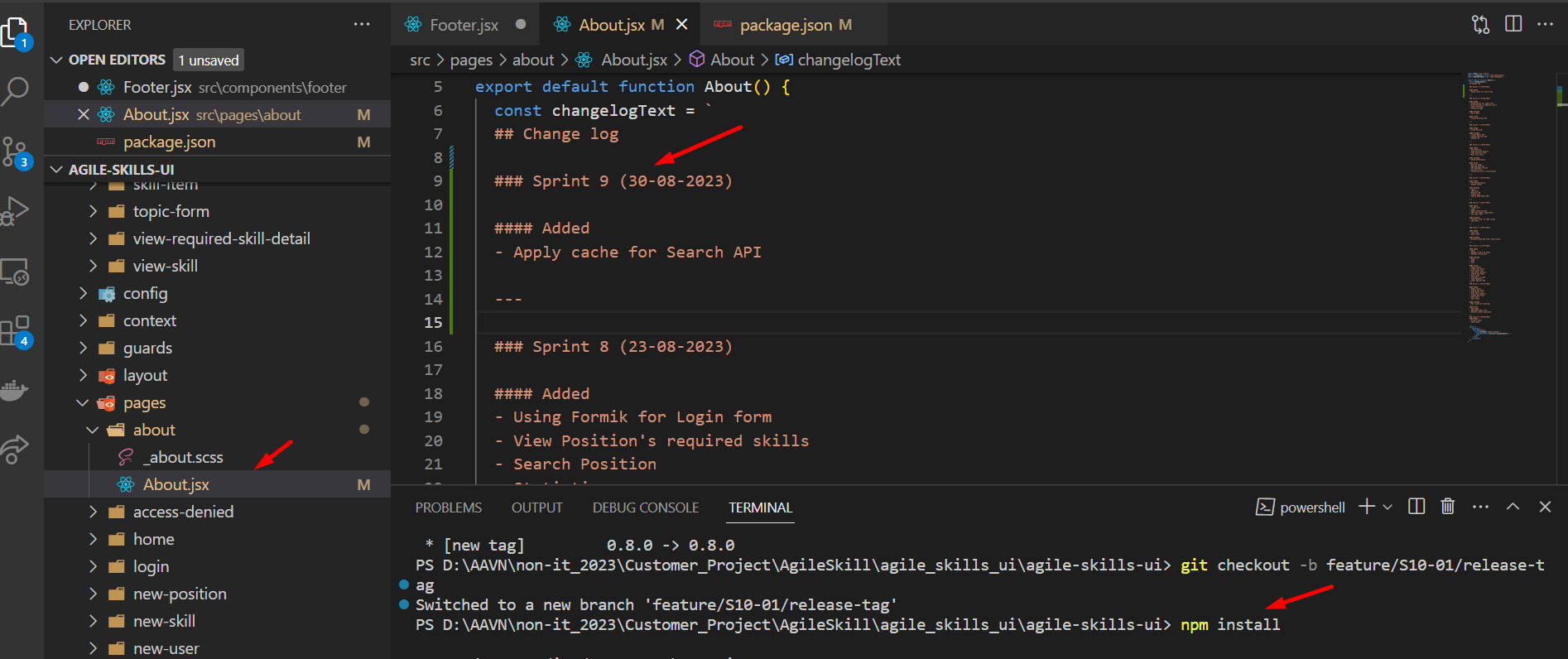
Create new branch to change version in footer in Front-End



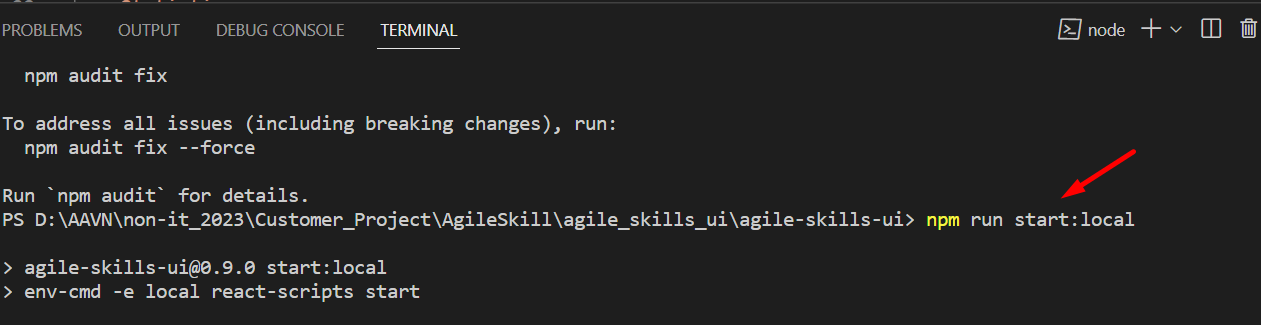




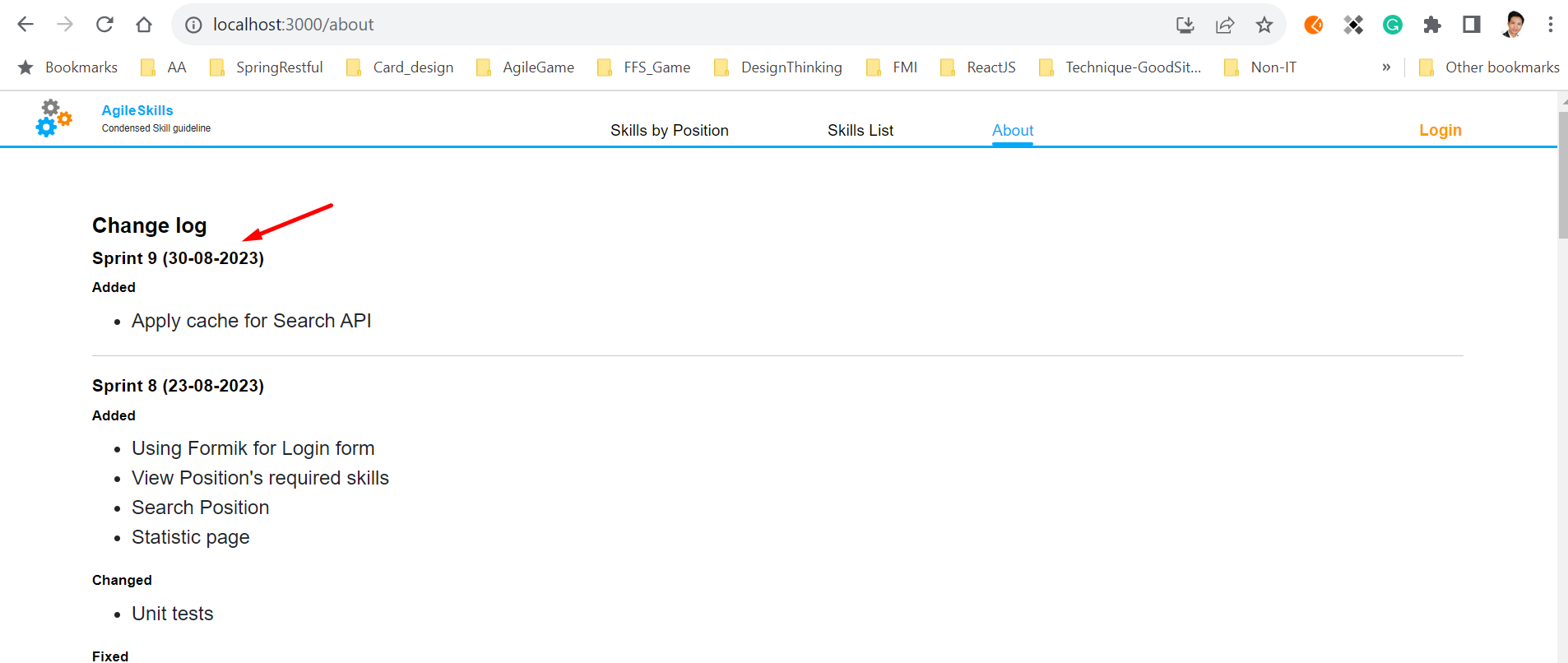
Change version in footer, package json, and add notes to about page then run to check them again:

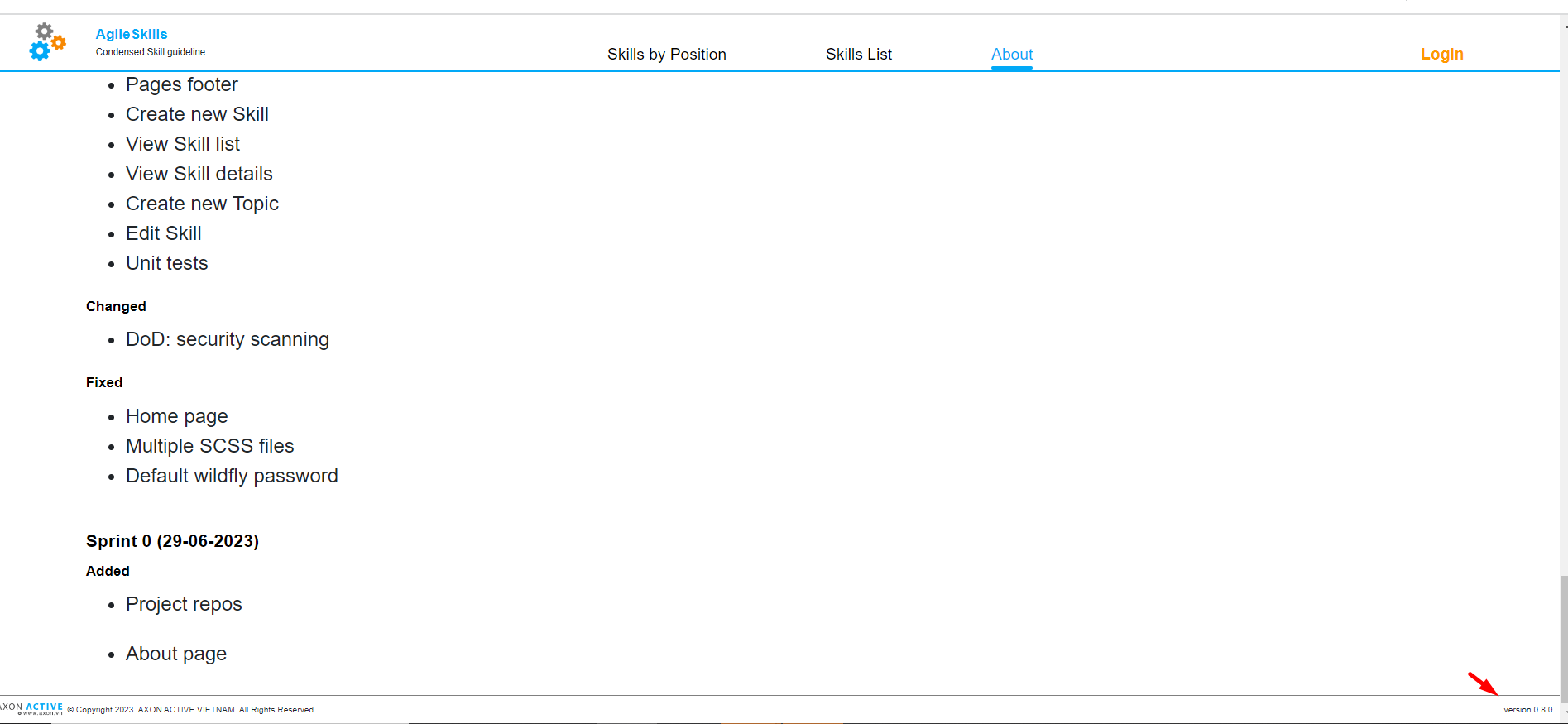


Run in local:

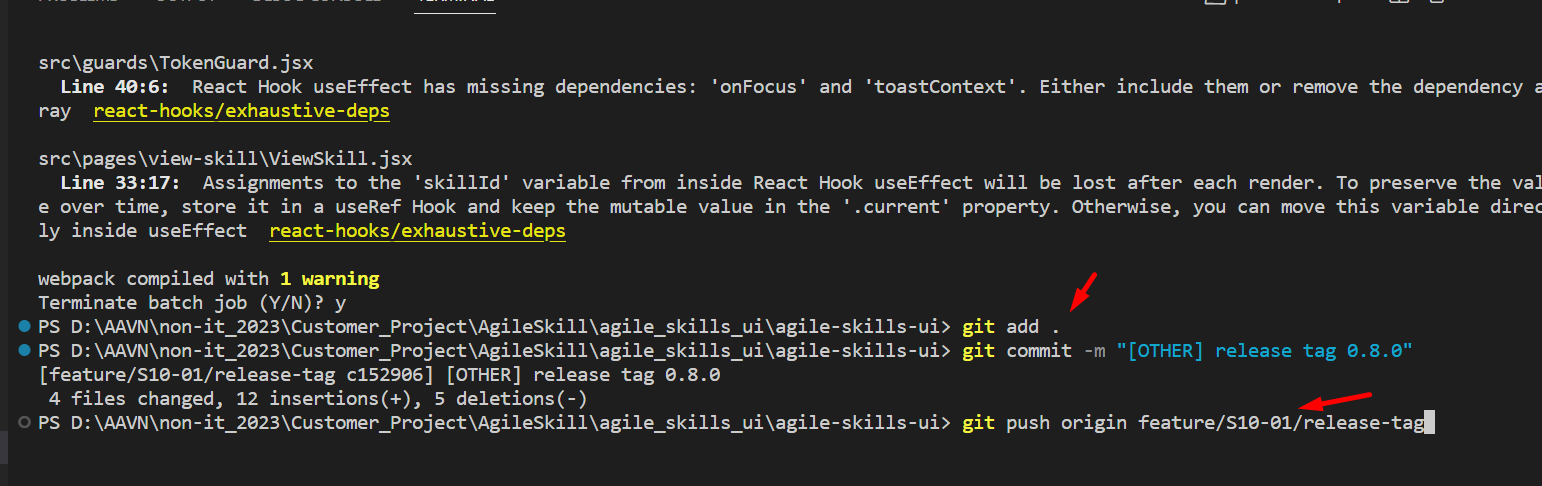


Check version in GUI:

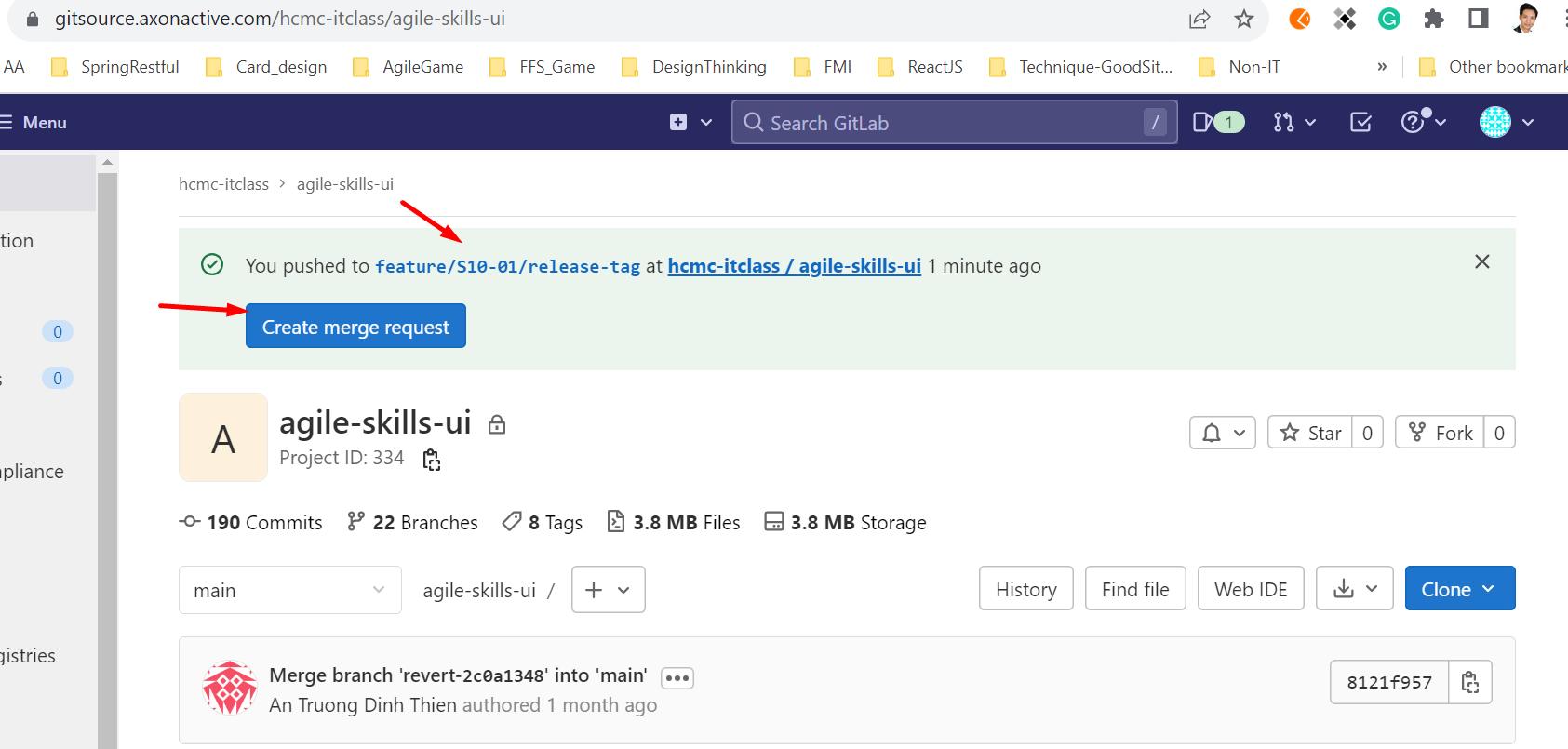




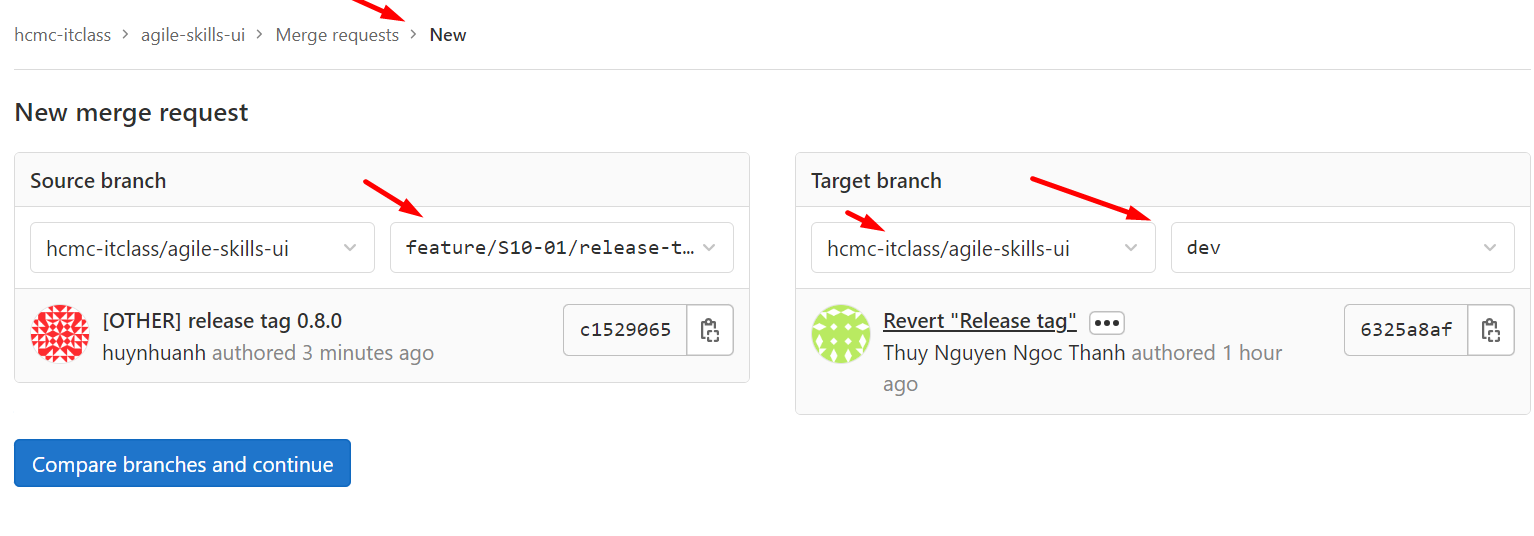
Then commit & push to remote branch:

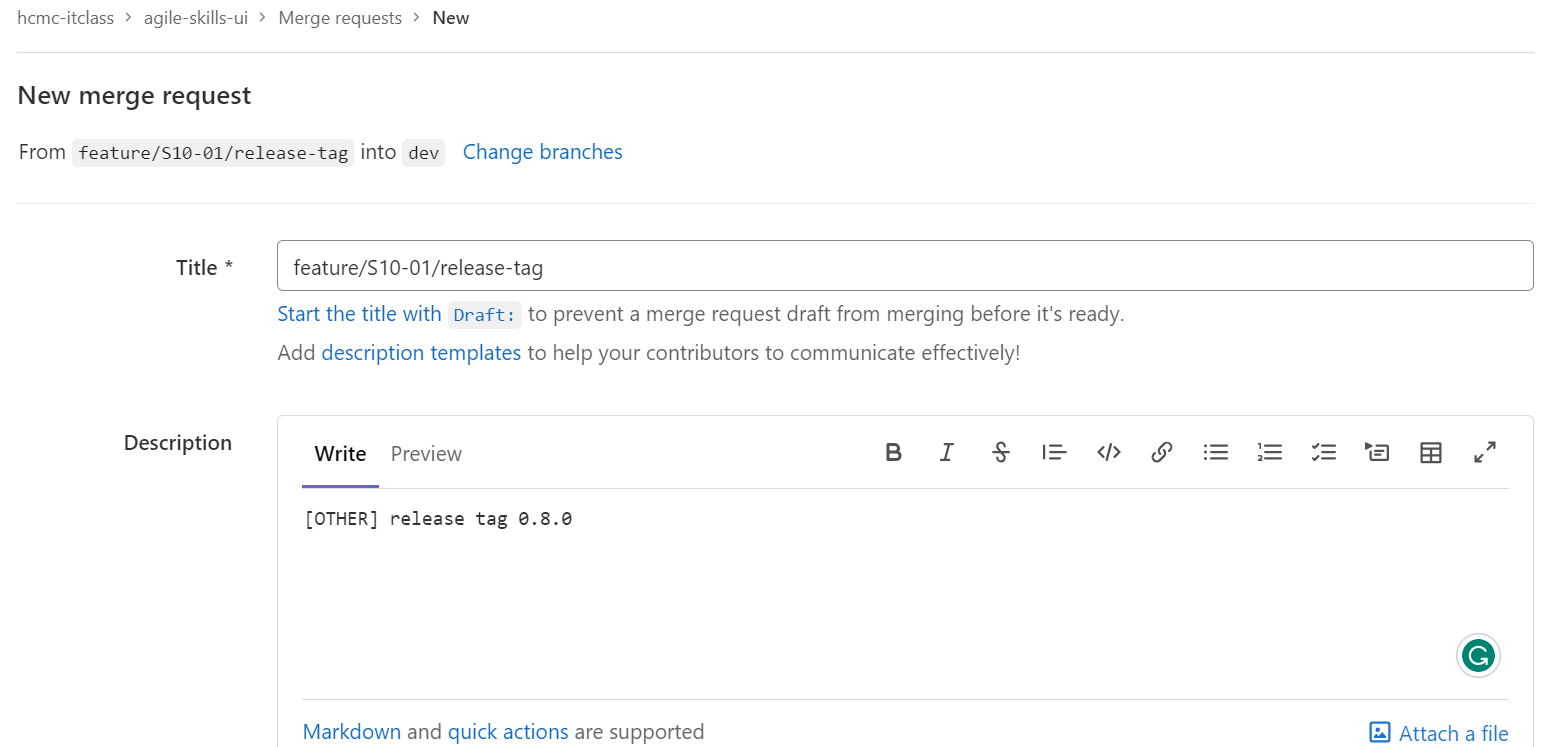


Go ot gitlab to create merge request:

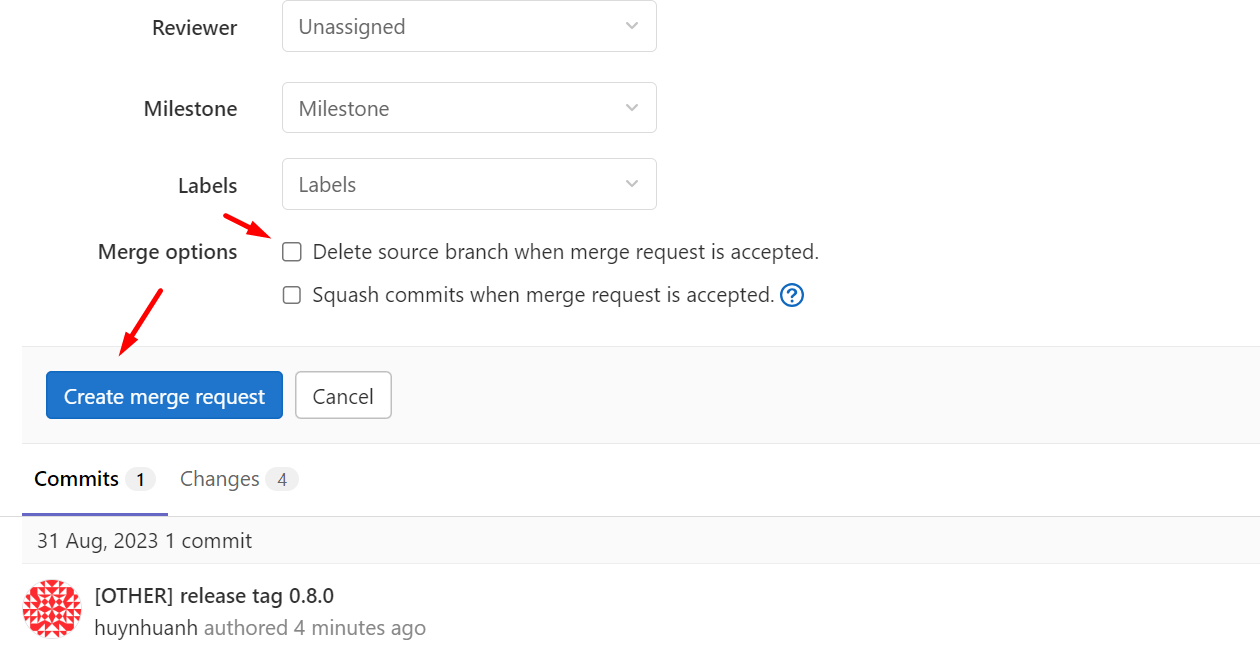


Remember to change target branch:

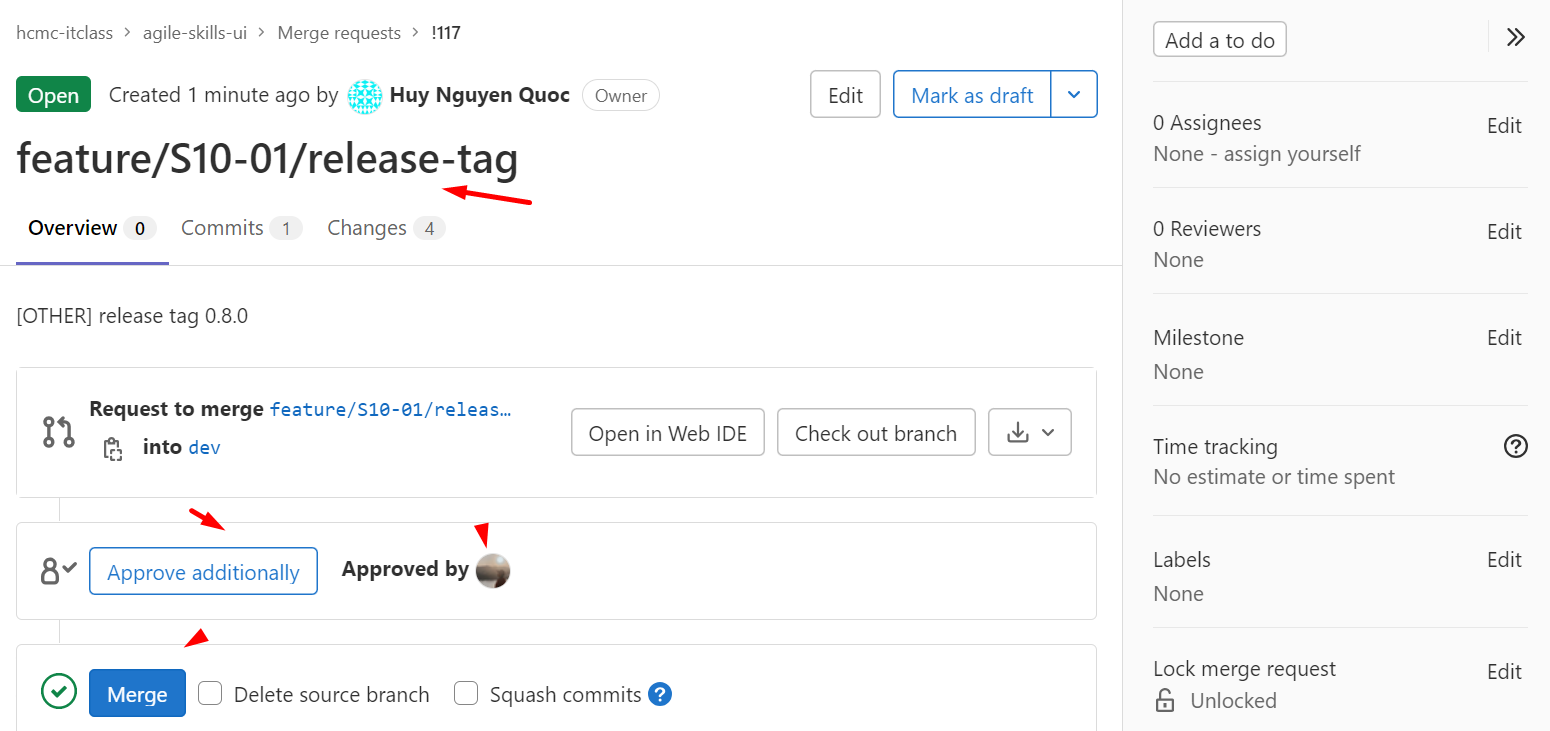


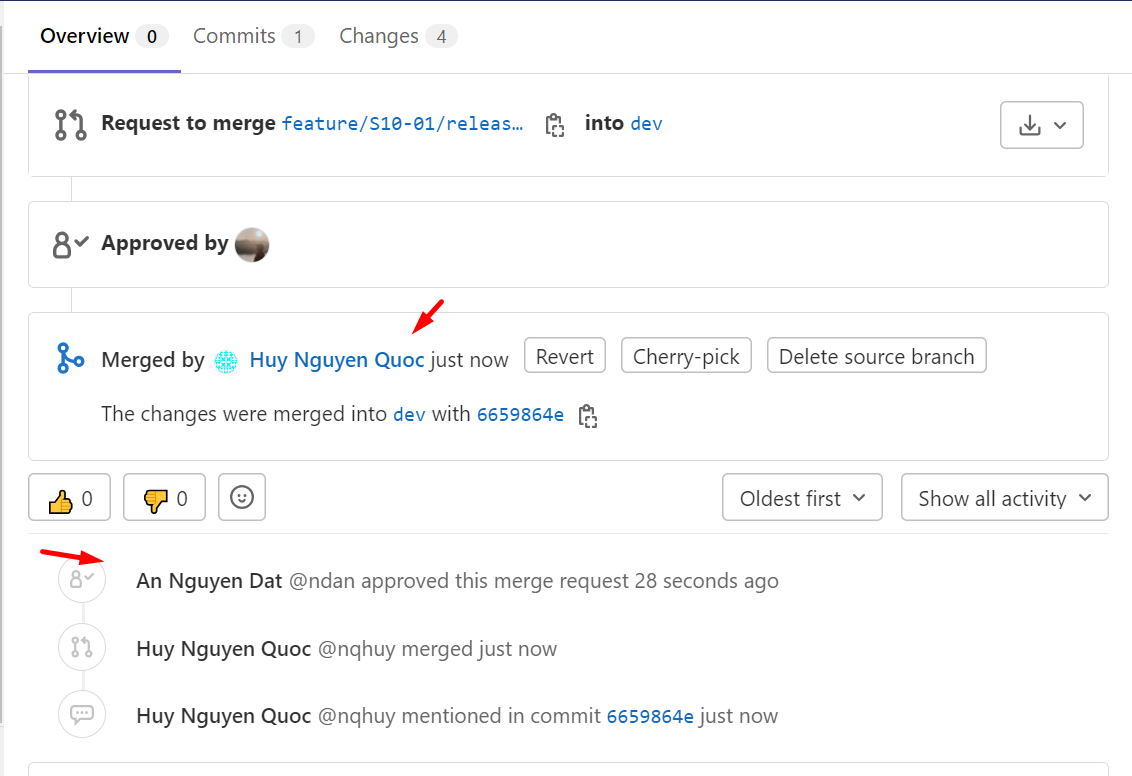


And unchecked the delete branch after merge option:

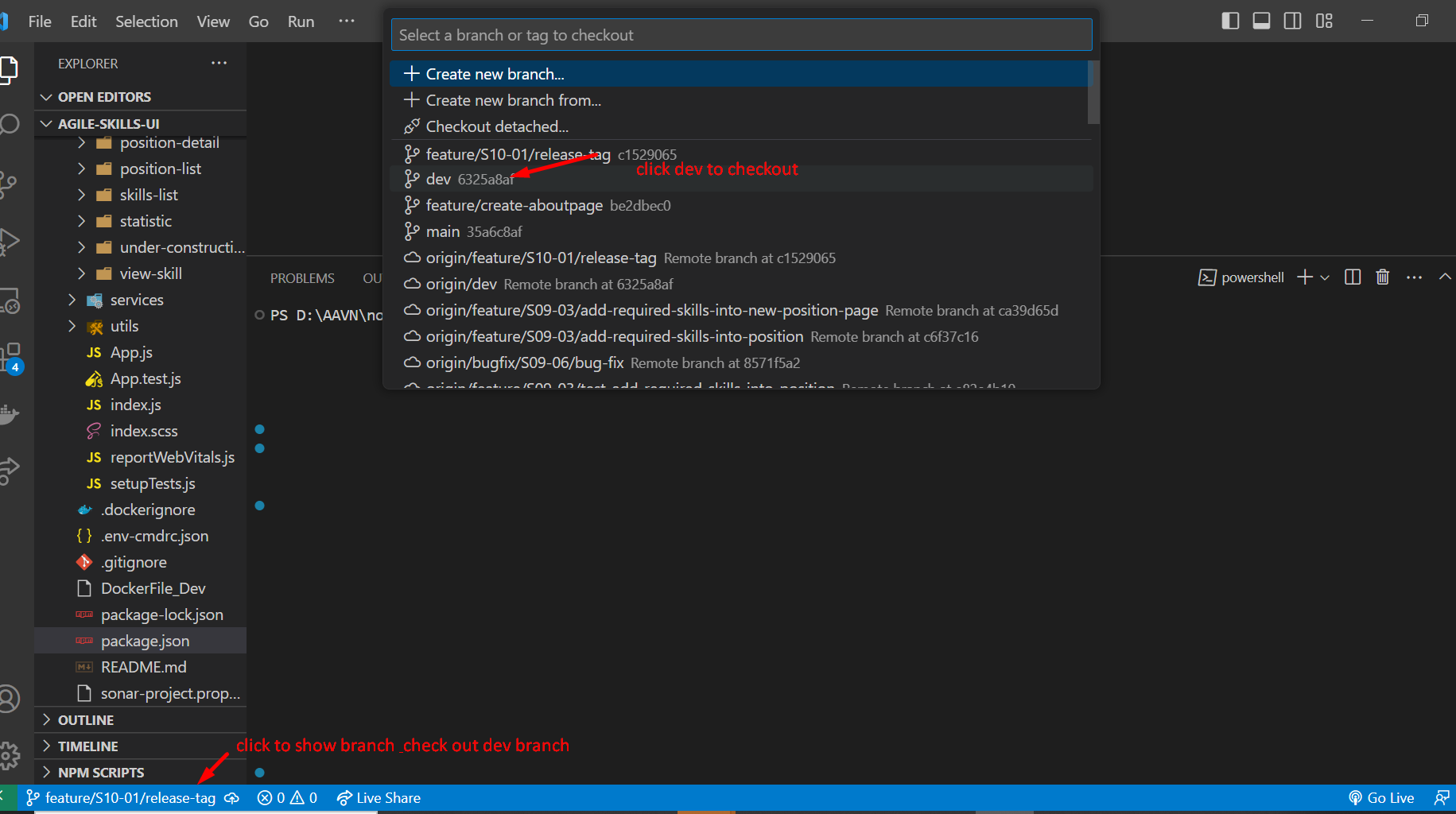


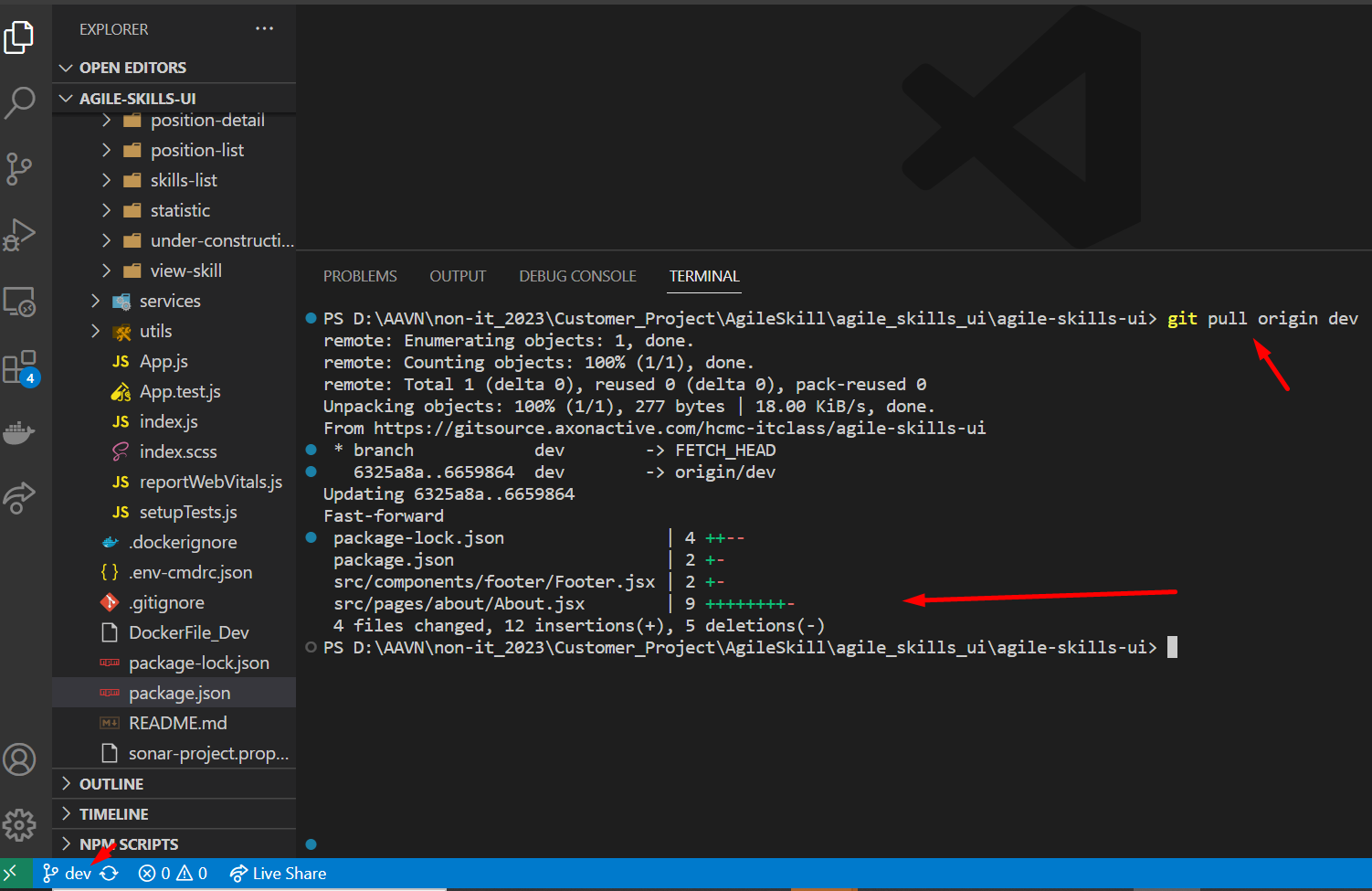
After another member approved, you can merge code to dev:





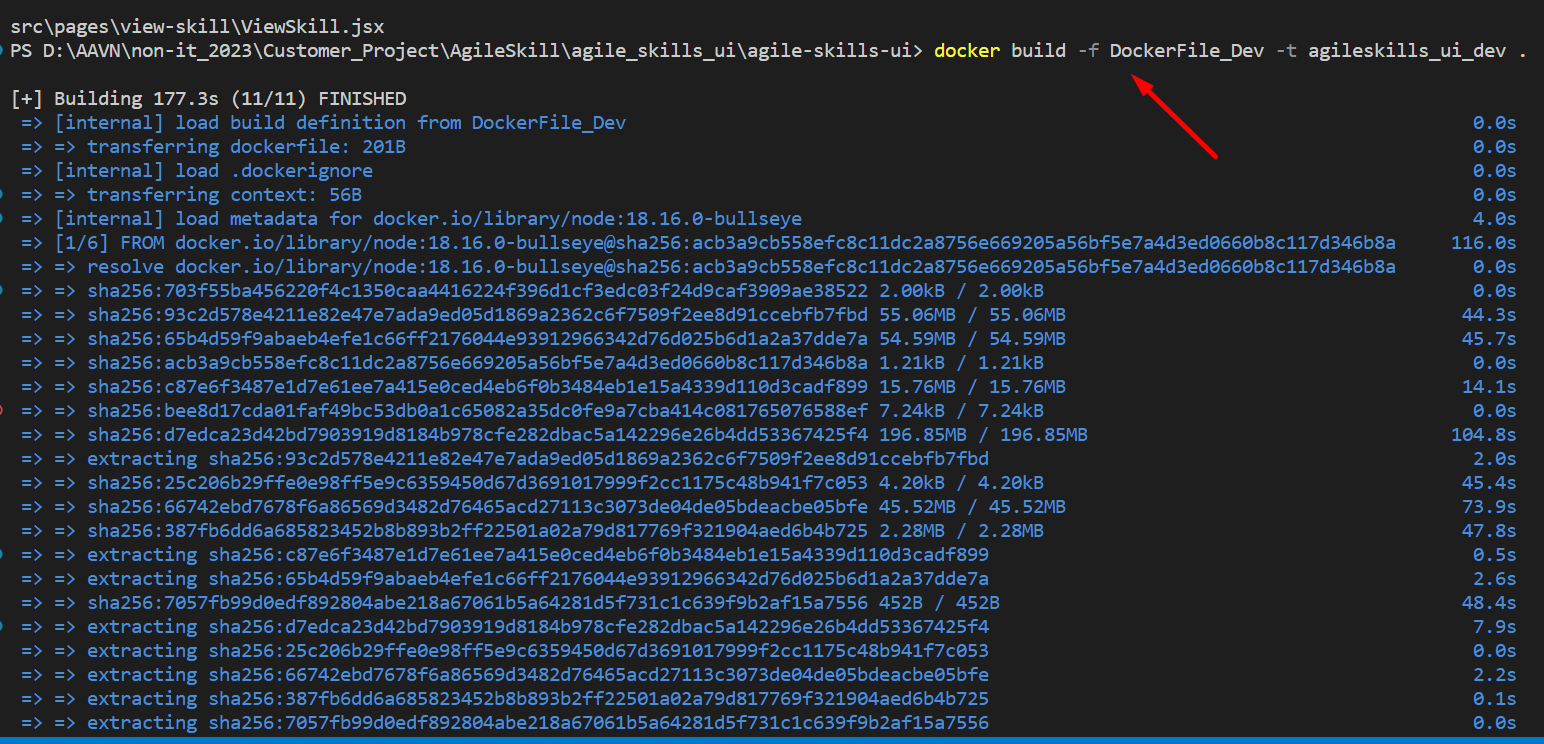
Deploy FE after merge & push code to dev branch:



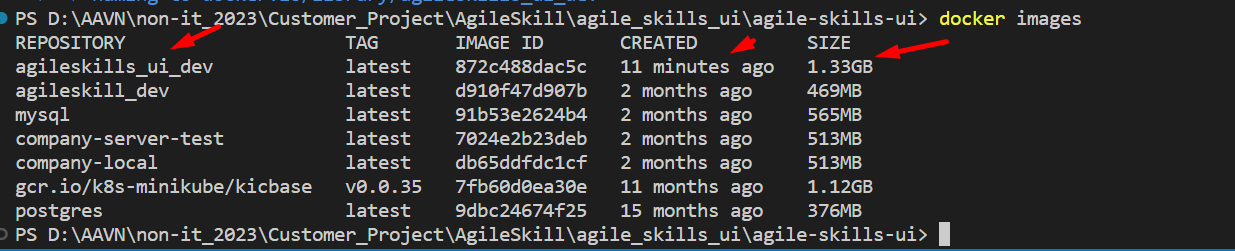


//Ensure DockerFile named dockerFile\_Dev existed in your project.

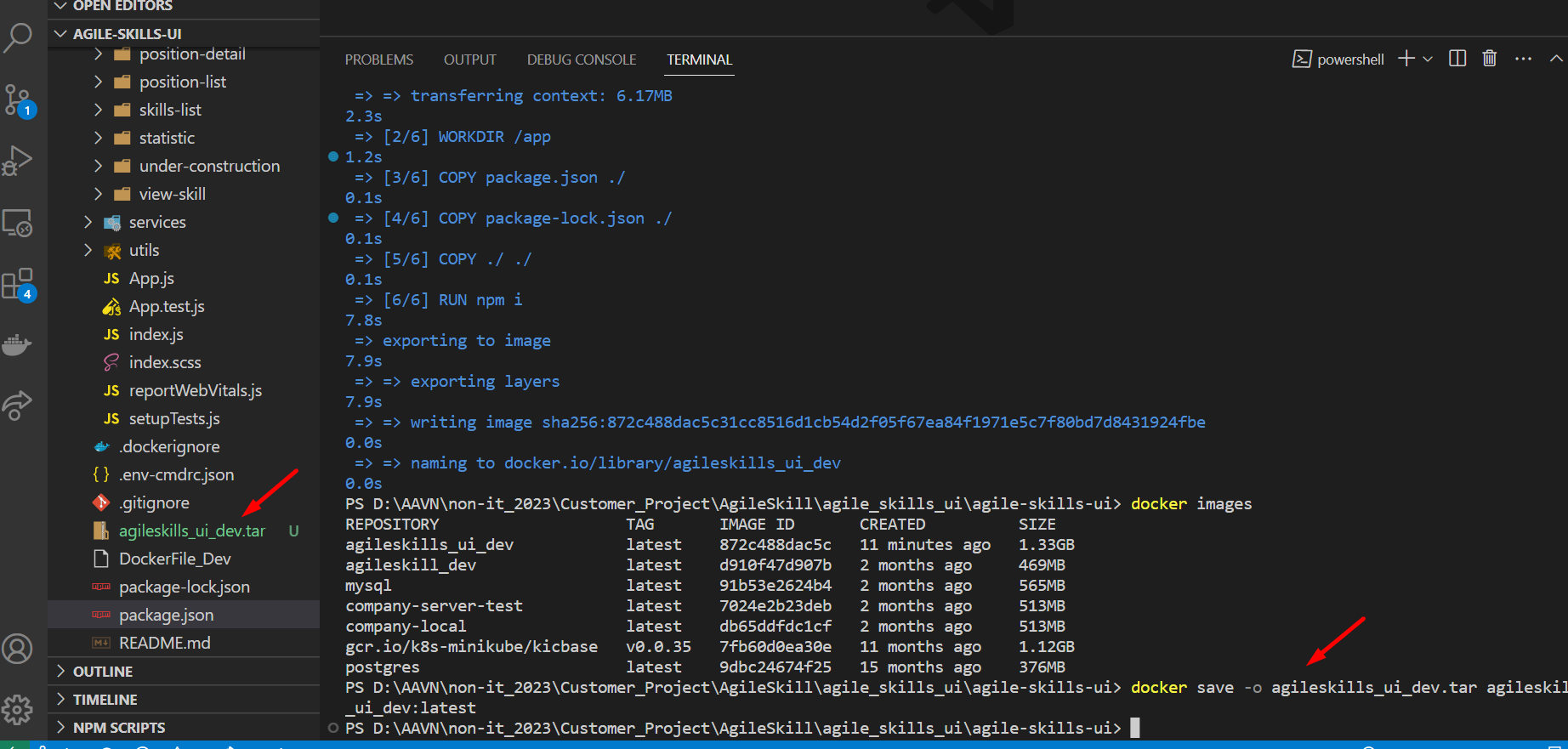
1. docker build -f DockerFile\_Dev -t agileskills\_ui\_dev .



Check docker images:



1. **docker save -o agileskills\_ui\_dev.tar agileskills\_ui\_dev:latest**



3. **scp agileskills\_ui\_dev.tar hcmitclass23@192.168.80.10:/opt/itclass/ui**

This command will upload the .tar file to remote server; make sure you have this folder in the linux server. It depends on your team.

// To connect FE server to check file

4. **ssh hcmitclass23@192.168.80.10**

Password:

Aavn123!@#

//Docker load

**docker load -i /opt/itclass/ui/agileskills\_ui\_dev.tar**

load .tar file to create a docker image

//Docker run a container for front-end with port 3000

**docker run -it -d --name agileskills\_ui\_dev --restart unless-stopped -e TZ=Asia/Ho\_Chi\_Minh -p 3000:3000 agileskills\_ui\_dev:latest**