**SonarQube Setup and configuration**

Instruction to configure the access

1. Go to SonarCloud.io
2. Select and press GitHub (**Picture 1)**



1. Authorize SonarQube to proceed (green button at the bottom) **(Picture 2)**
2. Import organization from GitHub **(Picture 3)**
3. On the next page, choose “Only Select Repositories” **(Picture 4)**
4. And select your public Repository from the GitHub Lesson (where I have been invited).
5. Don’t uncheck any permissions and click “Install”
6. On the next screen, choose “Continue”
7. On the next screen, choose **Free Plan** and click “Create organization” **(Picture 5)**
8. On the next page **Analyze projects - Select repositories,** select checkbox with your repository **(Picture 6)** and after that click **Set up**
9. Choose your analysis method - with GitHub Actions **(Picture 7)**
10. IMPORTANT!!! Keep this page of SonarQube open, COPY TO CLIPBOAD OR ANY TEXT EDITOR OR DRAFT EMAIL SONAR\_TOKEN AND VALUE FIELD. **(Picture 8)**
11. Open your GitHub, go to Repository, go to Settings, go to Secrets **(Picture 9).**
12. On the GitHub page **(Picture 10)**

* Click “New Repository Secret”
* In the Name filed, enter SONAR\_TOKEN,
* in the VALUE field, enter your value from SonarQube page (Copy/Paste)
* Click Add Secret

1. Your Repository secret is now added at the bottom of this page with the name SONAR\_TOKEN
2. Return to SonarQube page and click Continue (**Picture 8).** For the Step 2, select “Other – for JS, TS…” **(Picture11)**
3. On the next page, copy to clipboard the name of the file .github/workflows/build.yml

1. IMPORTANT!!! Go on GitHub page, to your repository, to main, select “Add File” ->“Create New File” and Paste the name of the file in the window “Name your file” **(Picture 12)**
2. Return to SonarQube and copy to ClipBoard the text of the file **(Picture11)**
3. Return to GitHib and paste the text into your file “Build”. Change the line 5 “- master” to “- main” **(Picture 13).** Start Commit, commit changes
4. Return to SonarQube. Click Continue at the bottom of the page. On the next page copy the name of the file to be created in the Github. **(Picture 14)**
5. Return to GitHub, to main,

click Add File-> Create new File,

name it (paste the name of your file, my file name is just a sample)

copy the body of the file from SonarQube, and paste it there

**(Picture 15).**

Commit New file

1. Your GitHub main branch should have **(Picture 16):**

* File Sonar-Project.Properties
* Folder GitHub/workflows

1. Setup is finished. Congratulations!

**REMINDER: Ensure that I have been added to this project**