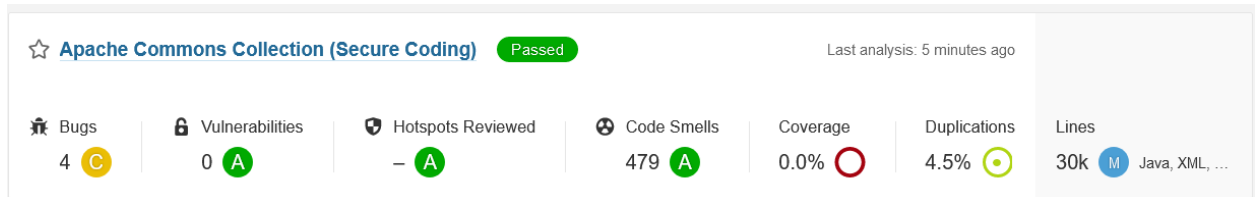


Team: \_\_\_\_\_

Deadline: **June 22, 2022, 09:00**

### Static Analysis (Secure Coding) of SonarQube Project

Login (**user: kvtesting22** **pwd: jku22**) to <https://sonar2.se.jku.at>, locate the Project **Apache Commons Collection (Secure Coding)**.



The project was analyzed with an emphasis on Secure Coding. Please freely chose **five** rules

Assess **each** of these rules by providing the following information:

- *Importance*: How would you judge the importance of this rule? Use an ordinal scale with a range from 1 to 5, where 5 denotes the highest importance. Give a short justification.
- *Trustworthiness*: Are the findings for the rule correct or can you find any false-positives? Use an ordinal scale with a range from 1 to 5, where 5 denotes the highest trustworthiness. Give a short justification. If you found a false-positive, document it and describe, why this is a false-positive.
- *Effort to fix*: How long does it take to fix one single issue of the rule? Describe, which side-effects could occur when fixing such an issue.
- *Novelty*: Were you aware of this rule (answer with yes/no) and do you think that you will follow this rule for your further programming projects (use an ordinal scale with a range from 1 to 5, where 5 denotes, that you will try to fully comply with this rule).

### Submission & Presentation

You answer the above questions by filling in a Google forms survey – no other documents accepted / required:

- Link to the survey: <https://forms.gle/cVk87YLUkFfgwegw8>
- The survey will be active from June 10<sup>th</sup>, 09:00 until June 22<sup>nd</sup>, 09:00
- In Moodle just provide a Text-Input, stating that you are done
- **THE SURVEY HAS TO BE FILLED OUT BY EACH STUDENT INDIVIDUALLY – NO TEAMWORK FOR THIS ASSIGNMENT. WE WILL ALSO GRADE YOUR RESPONSES INDIVIDUALLY!**
- At the end of the survey (after submission of your answers), an e-mail will be sent automatically to you. You also have the permission to edit the survey after the first submission using the link in the submission confirmation e-mail.
- The survey is also provided as PDF-document on Moodle. This should help you to collect your answers before actually filling out the online survey.
- You do not have to prepare a presentation. I will share the overall results and we will discuss them.