

Java Exception Handling Analyzer

Tasks:

- Read the main README.md to get familiar with features of the analyzer
- Install the extension following the instruction in vscode-extension/README.md
- Open the provided Java files from resources/sample-java
- Run analyzer by opening VSCode command palette and run command: Analyze Java
- Config risk levels and colors by opening VSCode command palette and run command: Configure Java Analyzer
- Try to fix issues in ExampleWithIssues.java with the analyzer and check ExampleWithIssuesSolution.java

Questions:

- 1. How easy do you feel the installation process?**
 - a. It's a little confusing if I just follow the Readme.md. I ran into the issue about VS Code setup at the very beginning. That will be helpful if we have an instruction about the dependency of running this project.
- 2. Are the introduction and instructions clear enough? What might be missing?**
 - a. It's better to include the required version of dependencies, such as Node, npm, VSCode.
- 3. Are the error messages and suggestions helpful when issues are found?**
 - a. Some suggestions are easy to understand but not all of them. Standardized form of suggestions like the one for Empty Catch is more straightforward.
- 4. Are the highlighted issues easy to understand? How do you feel about the user-customized risk level feature?**
 - a. The highlights make sense to me. User-customized risk level is cool, but I think the default setting should make more sense. I get confused whether the highlight color is critical like it will cause the failure or it's just a better-to-have.
- 5. Is there any other feature you hope to include in the analyzer?**
 - a. It's better if you can show me the example fixed solutions and risk level in the hover info box.
- 6. Overall, how do you feel about the analyzing tool? Is it helpful? Would you use it in your Java programming projects?**
 - a. It's cool and helpful, I'd love to see the improved version and use that in my development.