

MyCookieBook

Week 16 – Refactoring

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Hey Cookies,

this week we focused on the topic of refactoring. As you all already know the topic refactoring is very important in our workflow. Everytime we want to merge something into our master branch the code will get refactored by the other team members. Thus we had made the goal to reach another level regarding our refactoring skills.

Therefore, the whole team read the first chapter of the book **Refactoring: Improving the Design of Existing Code** by Martin Fowler, Kent Beck (Contributor), John Brant (Contributor), William Opdyke, Don Roberts. This book gives you a really good first insight on how you should refactor your code. This is achieved by a step by step instruction.

Of course every member of our team followed along the instructions while reading the book. The results can be found in our own repositories: **ZB**, **SO**, **SG**.

Every member of our team used IntelliJ as IDE and so IntelliJ has some really nice features you can use for an easy refactoring. As example you can use the shortcut **SHIFT + F6** to rename variables, methods, classes and much more.

Thank you for reading and stay healthy.

Your MyCookieBook Team.

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4 thoughts on “Week 16 – Refactoring”

vaultionizer10. May 2021 at 20:29

Hey MyCookieBook, the crew looked at your refactorings (at least at some files) and in general thinks you did pretty well. However, the crew thinks ZB could have further improved the customer class because the amountFor method has some repetitive logic for which a complex enum would have been perfect. Apart from that the crew liked SG's approach to use polymorphism for price codes – definitely an interesting approach. Additionally, the customer tests in SO's repo – at least the statement() tests – were undoubtedly original (because of the formatting of the expected string ;).

What surprised us most was the fact that none of you noticed the fact that “Childrens” is not the correct plural of child :D. But who cares anyway.

Regardless of these minor issues, everything looks just fine.

Kind regards
Team Vaultionizer

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10. May 2021 at 21:07



Hey Vaultionizer,

thank you for your feedback. We have forwarded the individual points to the appropriate persons. And originality is our speciality ;).

Good observation! I guess we were all more focused on the logical aspects of the actual code and didn't discover the spelling error. Now we also had to look where exactly you found the error. Respect for that.

Have a nice evening
Your CookieBook-Team

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PlaceToBeer

10. May 2021 at 23:52



Hey Cookie Bookies,
you all seem to do a lot of refactoring on the code. ZB why did you decided to make an alternatively refactor approach compared to Fowler? If it was on purpose, would be interesting to hear some reasons for inspiration :).

What about codacy? I think it is a nice chance to get to know this tool and add the grade badge to your README file. But of course you don't have to do it or you already use a better code inspection tool.

Keep on coding and have fun,
Your PlaceToBeer Team 🍺



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[Reply](#)**mycookiebook**11. May 2021 at 08:34

Hey PlaceToBeer Team,

thanks for your comment.

ZB just started her refactoring and you can see the result.

On the subject of Codacy. We have already heard about the tool and want to use it for our own project. But for the practice to improve our skills, we left it out.

Have a nice day!

Your CookieBook-Team



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