Code Review: Controlling (06.02.2022)

1. About the code:

Associated user stories:

002_Abrechnung-Screen-Übersicht

03_Abrechnung-Screen-Filterung

004_Abrechnung-Screen-Sortierung

005_Abrechnung-Screen-Ausdruck

012_Abrechnung-Screen-Auftrag-anzeigen

041_Abrechnung-Screen_Automatische-Abrechnung

Iteration reviewed: 4

Code authors: Jonas Milkovits

Reviewed by: Jonas Milkovits, Laurenz Kammeyer

Date: 06.02.2022

Language: Python, Javascript, HTML

Files:

client/templates/controlling/controlling.html,

client/static/controlling/,

client/views.py,

api/views.py,

client/templates/include/controlling

2. Automated inspections:

- [x] ~~Code has no static type checking errors~~
- [x] ~~The code starts without errors~~
- [x] ~~The code starts without warnings~~
- [x] ~~The code is kept under source control~~

Testing:

- [ ] Tests cover edge cases
- [ ] Test have been peer reviewed
- [ ] All inputs are sanitised and validated
- [ ] There are unit tests
    - [ ] They are sufficient

☐ The code passes them

☑ ~~There are manual tests~~

    ☑ ~~The code passes them~~

3. Design

☐ The code is complete (according to its associated user stories)

☑ ~~Code performance is acceptable~~

☐ Any missing functionality is marked clearly in the code

Maintainability:

☑ ~~The code is easy to read~~

☑ ~~The code method/class is not too long~~

☑ ~~The code is well structured~~

☐ There is design documentation

    ☐ The code matches the documentation

Best practices:

☑ ~~There is a reasonable amount of comments (only relevant comments)~~

☑ ~~No magic values (at least no undocumented ones)~~

4. General code comments:

Style:

☑ ~~The code layout is clear~~

☑ ~~It follows project style guidelines~~

☑ ~~There is a good choice of names~~

Defensive programming:

☑ ~~There is a correct choice of types/datastructures~~

☐ All input is validated

Error handling:

    ☐ Error conditions are routinely handled

Structure:

- ☑ ~~There is no redundant code~~
- ☐ There is no copy-paste programming

5. Statement-level review

File	Line	Issue	Rating
controlling.js	29	too complicated, make it easier to understand	
controlling.js	72	add error message if there's no orders selected	
controlling.js	162	this should be a float instead of an integer	

6. Follow-up

Conclusion:

- ☐ Code OK
- ☑ ~~Rework and verify~~
- ☐ Rework and re-review

- entry_print needs to be completed
- error that is only fixed by refreshing if trying to bill with no orders selected

Record the outcome of the review here:

Complete work by: Jonas Milkovits