

# Code Review: Auftragsübersicht (06.03.2022)

## 1. About the code:

Associated user stories:

015\_Worker\_Auftraege\_Sortieren

020\_Worker\_Aufträge\_Bearbeitbarkeit

018\_Worker\_Aufträge\_Fertigstellung\_von\_Unteraufträgen

017\_Worker\_Aufträge\_Übersicht

019\_Worker\_Auftraege\_Filterung

042\_Worker\_Orders\_Chat-Feature

Iteration reviewed: 6

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Reviewed by: Jonas Milkovits, Laurenz Kammeyer, Frederick Wichert

Date: 06.03.2022

Language: Python, Javascript, HTML

Files: client/views.py, api/views.py, client/templates/orders/orders\_overview.html, client/templates/include/orders/, client/static/orders

## 2. Automated inspections:

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

Testing:

- ☐ Tests cover edge cases
- ☐ Tests 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
orders_overview.html	26	add responsiveness to table	
material_edit.js	84	set amount to 1 if the input is empty	

## 6. Follow-up

Conclusion:

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

- Sort feature not completely working
- Important: split files and decrease dependencies so they can be reused for Detailansicht
  - rewrite price functions to depend on is\_staff
  - change price update functions depending if there's an input or not (staff)
- add errors using the new error toast feature
- check if resetButton for price is in HTML before editing its classlist

### **Record the outcome of the review here:**

- Sort feature finished
- Suborder tablerows are now generated in a central method for all views
- New errors got implemented
- Fixed Bug with resetButton

Complete work by: Jonas Milkovits