Manual Testing - 2022-01-24

1. General Information

Focus on: Controlling, Materialkauf

Iteration reviewed: 3

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Date: 24.01.2022

2. Visual Design & Usability

- [x] Size, Position, Width and Height of elements is displayed correctly
    - [x] Alignment of elements to each other is correct
    - [x] Scrollsbars are good in size & width
- [x] Fonts are readable (High Contrast)
    - [x] Type of font
    - [x] Color of font
- [ ] Responsive Design:
    - [ ] Screens are usable in different resolutions
    - [ ] Screens are usable on different zoom levels
    - [ ] Screens are usable on mobile devices
- [x] Error Messages are easily distinguishable from other stuff
- [x] Spelling is correct everywhere
- [x] Clear separation/demarcation of separate interface sections
- [x] Visual elements of new features fit to already existing visual elements (reusable design)

3. Functionality

- [x] Compatibility with different browsers (JS Stuff mainly)
    - [x] Mozilla Firefox
    - [x] Internet Edge
    - [x] Google Chrome
- [ ] Error messages are getting displayed correctly
- [x] Interface is easy and not frustrating to use

- ☑ ~~All intended functionality can be executed by the user through the interface~~
- ☑ ~~Back/Refresh button in browser and bookmarks work as expected~~
- ☑ ~~Behavior is consistent if the user has multiple instances/pages of the application open at the same time~~
- ☐ No errors/warnings in browser console/devtools (library errors, etc.)
- ☐ Input Testing:
  - ☑ ~~Test inputs for special symbols~~
  - ☐ Test inputs with no input at all

4. Performance

- ☑ ~~Screens are not too slow (data tables, etc.)~~

5. Feature Testing

- ☑ ~~Feature is performed with a practical amount of steps (minimal)~~
- ☑ ~~Write a small user story with single steps **for each feature** you test and go through these steps afterwards and check if everything works correctly~~

Controlling:

1. As a staff user, I want to be able to filter existing orders by specific parameters
2. By entering data into the filter fields, the table data is being refreshed based on the entered criteria
3. Without being logged in as a staff user, no data can be obtained

Materialkauf:

1. As a user, I want to be able to enter material width/height and amount
2. When I click the button, a new suborder gets created and added to the cart

6. Consequences

List of consequences:

- Controlling:
  - Low usability of page with small screen sizes
  - Timezone of order dates in table is offset
  - Sorting the table can require a lot of bandwidth, could be done client-side(?)

- Typing in the filter fields immediately sends a request, should use a delay (~500ms)
  - Slow connections may result in responses being delivered out-of-order, which can result in old data being displayed
- Materialkauf:
  - Use bootstrap grid layout (col/row) instead of flexbox (?)
  - Icons/Labels for input fields
  - jquery script error on console
  - Inputs should only accept numbers, and button should only work if every field is filled in

☑ ~~Created a practical amount of issues in gitlab for those consequences and assigned them to certain developers~~

7. Developer Feedback & Changes:

☑ ~~Issue was closed~~

Jonas Milkovits:
- Timezone of orders have been fixed by adjusting django's timezone settings
- sorting is still server-side, not too many orders and not highly frequent usage → no reason for a change & the effort
- typing into the search fields only sends a request if there hasn't been any input for 300ms

Frederick Wichert:
- Used bootstrap as much as possible, some things still needed to be done via 'normal' CSS
- Reworked some of the UI Elements, such as adding Labels (no icons were added due to a later design meeting)
- Submit button now depends on correct input, error messages are added as well
- Fixed some JS side errors