Manual Testing - 2022-03-16

1. General Information

Focus on: 3D-Druck, Nutzerverwaltung

Iteration reviewed: 7

Reviewed by: Frederick & Laurenz

Date: 16.03.2022

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
  - [x] ~~Screens are usable on different zoom levels~~
  - [x] ~~Screens are usable on mobile devices~~
- [x] ~~Error Messages are easily distinguishable from other stuff~~
- [x] ~~Spelling is correct everywhere~~
- [ ] 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~~
- [x] ~~Error messages are getting displayed correctly~~
- [x] ~~Interface is easy and not frustrating to use~~

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

4. Performance

- [x] ~~Screens are not too slow (data tables, etc.)~~

5. Feature Testing

- [x] ~~Feature is performed with a practical amount of steps (minimal)~~
- [x] ~~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~~

3D Print:

1. Select 3D Print from Produktauswahl main page
2. Upload a 3D File
3. Press 'Vorschau'-Button
4. Take a look at the preview
5. Select a filament
6. Add to Warenkorb

Administration:

1. Select Administration from the navbar
2. Select a section from the list on the left (e.g. Materials)
3. Add data for each of the section
4. Modify data for each of the section
5. Delete data for each of the section

6. Consequences

List of consequences:

- 3D Print

- 3D print responsiveness could be improved (starts to change to vertical mode when its already too narrow)

- Administration:
    - add lasercut minute price editability (depending on role)
    - overview for users doesn't include the staff and admin status
    - add missing 3d print administration (filament, filamentvariation)

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

7. Developer Feedback & Changes:

☑ ~~Issue was closed~~

Jannik Schmidt:

- improved 3d print responsiveness by adding some specific bootstrap classes

Jonas Milkovits:

- add following to admin.py:
    - lasercutminuteprice
    - filament (and inline FilamentVariation)
    - adjust user overview (added staff and admin status and swapped name and username)