Code Review: 3D-Druck (16.03.2022)

1. About the code:

Associated user stories:

073_3DDruck_Upload,

074_3DDruck_Parameter_Angeben,

072_3DDruck_Preview,

075_3DDruck_Bestellung_Aufgeben

Iteration reviewed: 7

Code authors: Jannik

Reviewed by: Jannik, Simon

Date: 16.03.2022

Language: Python, Javascript, HTML

Files: api/views.py, client/static/produktauswahl/3ddruck/3ddruck.js, client/templates/produktauswahl/produktauswahl_3ddruck.html

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
- [x] ~~Test have been peer reviewed~~
- [x] ~~All inputs are sanitised and validated~~
- [ ] There are unit tests
    - [ ] They are sufficient
    - [ ] The code passes them
- [x] ~~There are manual tests~~
    - [x] ~~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

6. Follow-up

Conclusion:

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

Code Review: Detailansicht (15.03.2022)