UNIVERSIDADE FEDERAL DE SÃO CARLOS

Centro de Ciências Exatas e de Tecnologia

Departamento de Computação

Engenharia de Software 2

Correção de Bugs
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Problemas encontrados no Sonarqube

	Lines of Code	Bugs	Vulnerabilities	Code Smells	Security Hotspots	Coverage	Duplications
shuup	—	—	—	—	—	—	—
_misc	997	0	0	7	5	0.0%	0.0%
branding	86	0	0	0	0	0.0%	0.0%
doc	5,600	15	0	70	4	0.0%	0.5%
lib/shuup_static_build_tools	81	0	0	1	2	0.0%	0.0%
shuup	91,969	38	4	1,104	62	0.0%	1.8%
shuup_setup_utils	330	0	0	4	0	0.0%	0.0%
shuup_tests	44,276	58	1	762	95	0.0%	4.8%
shuup_workbench	451	0	0	0	0	0.0%	18.2%

Seleção de bugs para correção

bugs do caio:
arquivo vazio

shuup/.../static_src/base/scss/shuup/custom-buttons.scss

Unexpected empty source   Intentionality

Maintainability ⬆   No tags +

○ Open ⌄   Not assigned ⌄   L1 ▪ 1min effort ▪ 15 minutes ago ▪ ⊗ Code Smell ▪ ⊗ Major

```css
.scroll-to-top-button {
    pointer-events: all;
    cursor: pointer;
    width: 2.5rem;
    height: 2.5rem;
    margin-bottom: 0.5rem;
    box-shadow: 0 0px 10px 1px ☐rgba(0, 0, 0, 0.15);
    border-radius: 50%;
    color: var(--primary-very-light);

    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;

    color: var(--primary);
    transform: translateY(0);

    &:hover {
        color: var(--primary-light);
        animation-timing-function: ease-in-out;
        animation: jump 0.1s linear forwards;
    }
}
```

variável color duplicada

```css
&:hover {
    color: var(--primary-light);
    animation-timing-function: ease-in-out;
    animation: jump 0.1s linear forwards;
}
```

shorthand property sobrepondo longhand property

pq isso eh um problema:

Noncompliant code example

```
a {
  padding-left: 10px;
  padding: 20px; /* Noncompliant; padding is overriding padding-left making it useless */
}
```

Compliant solution

```
a {
  padding: 10px; /* Compliant; padding is defining a general behaviour and padding-left, just after, is precising the left case */
  padding-left: 20px;
}
```

missing generic font family

shuup > shuup/.../static_src/base/scss/shuup/content-blocks.scss

```
389  tamas._     }
390
391              .active-theme {
392                  &::before {
393                      content: '\f00c';
394                      font-family: 'FontAwesome';
```

Unexpected missing generic font family

Bugs do Lucas:

shuup > shuup/.../static_src/base/scss/shuup/messages.scss

```
75   christ…
76                              .dimiss-icon {
77                                  cursor: pointer;
78   shoop@…                       &:before {
79                                      display: inline-block;
80                                      font-family: FontAwesome;
```

Unexpected missing generic font family

shuup > shuup/.../static_src/base/scss/shuup/messages.scss

```
     christ…                      }
                              }

                              .status:before {
                                  display: inline-block;
                                  font-family: FontAwesome;
```

Unexpected missing generic font family

shuup > shuup/.../shuup/admin/forms/widgets/code_editor_with_preview.html   Open in IDE

```
5    panu@s…       {% include "django/forms/widgets/attrs.html" %}
6                >{% if widget.value %}{{ widget.value }}{% endif %}</textarea>
7                <br>
8                <h2>{% trans "HTML Preview" %}</h2>
9                <div class="preview-container">
10                   <iframe class="html-preview" srcdoc="{% if widget.value %}{{ widget.value }}{% endif %}"></iframe>
```

Add a "title" attribute to this <iframe> tag.

```
11               </div>
12           </div>
13
```

Bugs do Vitor:

shuup > shuup/.../static_src/base/scss/shuup/product-edit.scss

```scss
218  tamas...
219
220
221            &::before {
222                content: '\f0ee';
223                font-family: 'FontAwesome';
```

margin-top: **2rem**;
transition: opacity **0.2s** ease-in-out;

Unexpected missing generic font family

shuup > shuup/admin/static_src/base/js/messages.js   Open in IDE

```js
34   eero.r...            }, 2000)
35   tuomas...        }
36                }
37            function clear() {
38                container.classList.remove("clear");
39                while (container && container.firstChild) {
```

'container' is not modified in this loop.

Prefer using an optional chain expression instead, as it's more concise and easier to read.

isso eh um problema de maintainability

Marcos - pendente

shuup > shuup/.../static_src/base/scss/shuup/product-edit.scss

356	716465...	background-color: var(--secondary-
357	tamas....	font-size: **12px**;
358		width: **28px**;
359		height: **28px**;
360		border-radius: **20px**;
361		display: flex;

Unexpected duplicate "display"

Mauricio

shuup > shuup/.../static_src/base/scss/shuup/select.scss

22	716465...	border-color: var(--primary);
23	gurch1...	}
24		
25	tamas....	&::after {
26		content: '\f078';
27		font-family: 'FontAwesome';

Unexpected missing generic font family

Rafael

shuup > shuup/.../static_src/base/scss/shuup/product-edit.scss

348	tamas....	}
349		
350		&.panel-carousel-image {
351		&::before {
352		content: "\f030";
353		font-family: 'FontAwesome';

Unexpected missing generic font family

Correção do bug encontrado durante a fase de testes na UI

```python
shuup > core > fields > __init__.py > FormattedDecimalField > format_decimal
 88    class FormattedDecimalField(models.DecimalField):
 89        """
 90        DecimalField subclass to display decimal values in non-scientific
 91        format.
 92        """
 93
 94        def value_from_object(self, obj):
 95            value = super(FormattedDecimalField, self).value_from_object(obj)
 96            if isinstance(value, numbers.Number):
 97                return self.format_decimal(decimal.Decimal(str(value)))
 98
 99        def format_decimal(self, value, max_digits=100, exponent_limit=100):
100            assert isinstance(value, decimal.Decimal)
101            val = value.normalize()
102            (sign, digits, exponent) = val.as_tuple()
103            if sign is 1: # Value is negative
104                raise ValueError("Error! Negative value: %r." % value)
105            if exponent > exponent_limit:
106                raise ValueError("Error! Exponent is too large for formatting: %r." % value)
107            elif exponent < -exponent_limit:
108                raise ValueError("Error! Exponent is too small for formatting: %r." % value)
109            if len(digits) > max_digits:
110                raise ValueError("Error! Too many digits for formatting: %r." % value)
111            return format(val, "f")
```