UNIVERSIDADE FEDERAL DE SÃO CARLOS

Centro de Ciências Exatas e de Tecnologia

Departamento de Computação

Engenharia de Software 2

Correção de Bugs Prof. Andre Takeshi Endo

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Problemas encontrados no Sonarqube

	Lines of Code	Bugs	Vulnerabilities	Code Smells	Security Hotspots	Coverage	Duplications
III 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%
ib/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

```
.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

```
&: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 $\ensuremath{\square}$



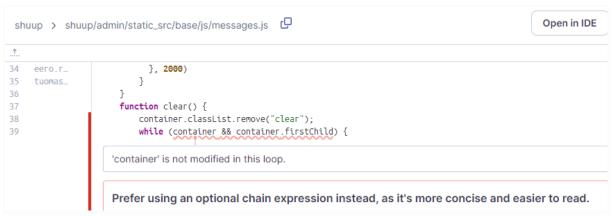
Bugs do Lucas:

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

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

```
\verb|shuup| > \verb|shuup|.../shuup|admin/forms/widgets/code_editor_with_preview.html| \qquad \boxed{\square}
                                                                                                                          Open in IDE
     panu@s..
                             {% include "django/forms/widgets/attrs.html" %}
                        >{% if widget.value %}{{ widget.value }}{% endif %}</textarea>
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>
                    </div>
12
13
```

Bugs do Vitor:



isso eh um problema de maintainability

Marcos - pendente

Mauricio

Rafael

```
ſŪ
 shuup > shuup/.../static_src/base/scss/shuup/product-edit.scss
....
                           }
348
    tamas....
349
350
                           &.panel-carousel-image {
351
                               &::before {
                                   content: "\f030";
352
                                   font-family: 'FontAwesome';
353
                     Unexpected missing generic font family
```

Correção do bug encontrado durante a fase de testes na UI

```
shuup > core > fields > 🍨 __init__.py > ધ FormattedDecimalField > 😚 format_decimal
          DecimalField subclass to display decimal values in non-scientific
          def value from object(self, obj):
              value = super(FormattedDecimalField, self).value_from_object(obj)
                  return self.format_decimal(decimal.Decimal(str(value)))
          def format_decimal(self, value, max_digits=100, exponent_limit=100):
              val = value.normalize()
              (sign, digits, exponent) = val.as_tuple()
              if sign is 1: # Value is negative
raise ValueError[["Error! Negative value: %r." % value]
103
104
              if exponent > exponent limit:
                  raise ValueError("Error! Exponent is too large for formatting: %r." % value)
              elif exponent < -exponent limit:
                   raise ValueError("Error! Exponent is too small for formatting: %r." % value)
               if len(digits) > max_digits:
                   raise ValueError("Error! Too many digits for formatting: %r." % value)
              return format(val, "f")
```