

# Code Review

Section 4 of AI areas LEVEL HTML SCSS

## 1. Assessment of compliance with the design

### Desktop

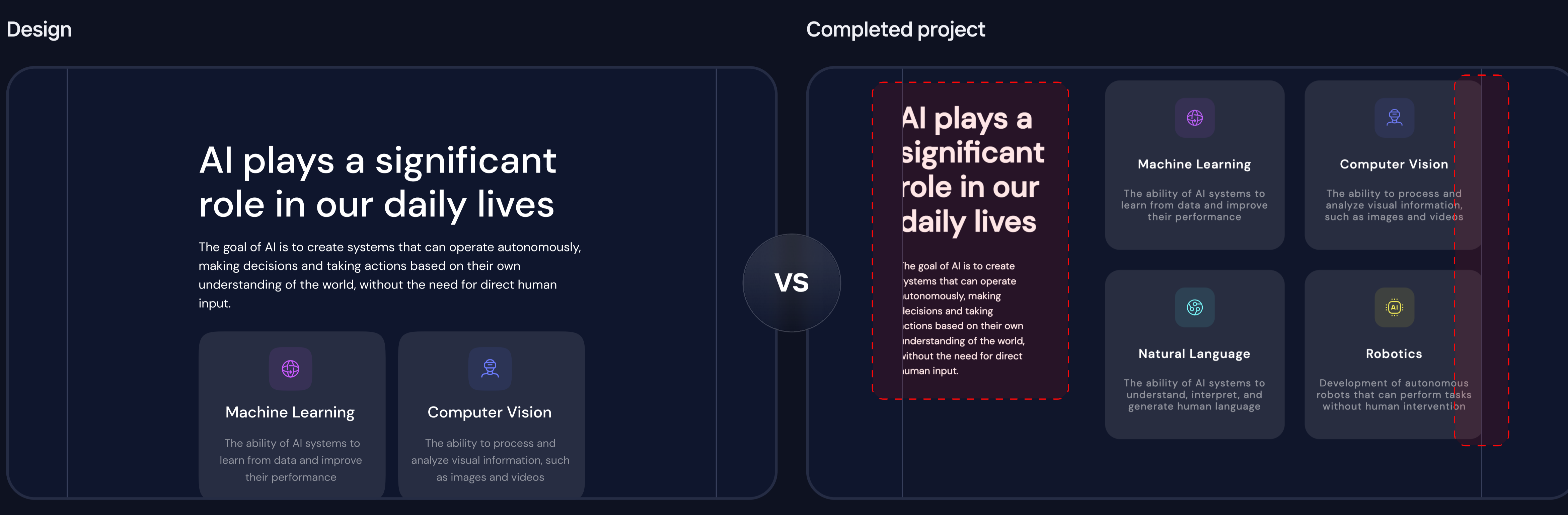
Several inconsistencies with the design:  
 • differences in spacing, container sizes, font sizes, etc.

To check the conformity with the design, it is best to use the "PixelParallel" plugin for Google Chrome.

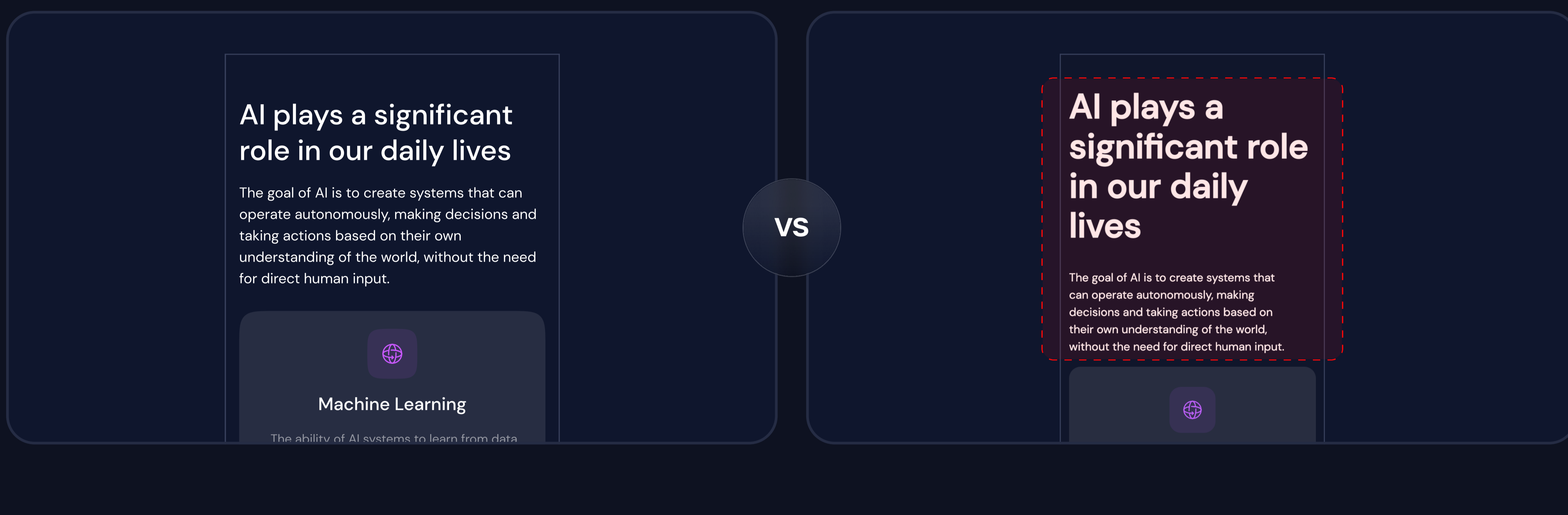


### Responsive Web Design

• The page behaves poorly on intermediate resolutions - the content does not fit on the screen

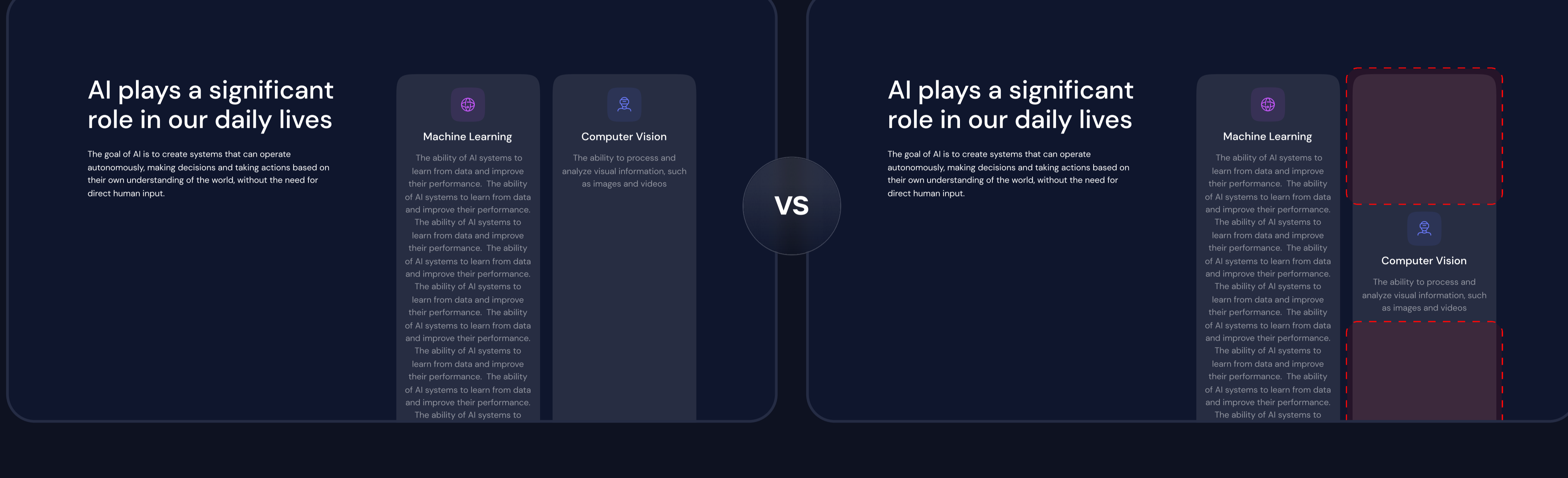


• Large inconsistencies with tablet and mobile design (similar to desktop)  
 • Lack of responsiveness at narrow resolutions - the page should look good at a minimum resolution of 320px (for small phones), and even at 280px (for new, foldable phones like Galaxy Fold)  
 • No top and bottom spacing on the mobile version  
 • At a very low resolution, it's worth slightly reducing left-right margins



## 2. Assessment of compliance with the Brief

• After adding additional content, the contents should be positioned from the top rather than centered.



## 3. Assessment of compliance with best practices

See good SCSS practices in our Knowledge Base

### BEM using

**For improvement**

"Incorrectly used BEM - element names should not be used to define structural depth"

```
<div class="home-page">
  <div class="home-page_hero_section">
    <sp class="home-page_hero_section_lead"> AI plays a significant role in our daily lives </sp>
    <sp class="home-page_hero_section_text">...</sp>
  </div>
```

### Code hermetization

**For improvement**

"Improperly encapsulated code (missing initial &)"

```
.header {
  &_heading {
    font-size: 32px;
    line-height: 40px;
    margin: 32px 0 0;
  }
  &_caption {
    margin: 16px 0 24px;
    font-size: 16px;
    line-height: 24px;
  }
}
```

### CSS variables

**For improvement**

"Using SCSS variables instead of CSS - CSS variables, unlike SCSS ones, can take different values 'on the fly'. This behavior allows, for example, easy implementation of dark mode and light mode"

```
body {
  font-family: 'DM Sans', sans-serif;
  color: abstracts.$white;
  background-color: abstracts.$navy-blue;
}
```

### Other

**For improvement**

"The middle container should have the same class as the others, but also an additional class with the -dark modifier, which changes its colors. Duplicating code is bad practice."

```
<div class="pricing-plans-card-component__container">...</div>
<div class="pricing-plans-card-component__container-dark">...</div>
<div class="pricing-plans-card-component__container">...</div>
```