**Goal:**

We adjust:

* Font size
* Relative spacing among texts and components
* Relative size of components

We rate:

* The overall design
* Colour selection
* Layout

**Idea & Issues：**

1. Define and describe the rules
   1. Some of the rules are dynamic (about the dynamic behaviour), which is hard to detect through image
   2. Too laborious to collect all rules (too many), which makes it more like an engineering project without that much research value.
2. For each rule, create an algorithm to detect
   1. Detect in which way? Screenshot image or source code?
   2. What kind of algorithm? Static hard-coding or NN and ML?
      1. Machine Learning (if on image):
         1. How to train a NN to identify components? (related to the previous project)
         2. How to train a NN to check the rule?
      2. Hard-coding (if on source code):
         1. How to build relation between components to check the overall layout?
3. Rating the overall design

**Issue:**

Trivial:

1. The concern of color
2. The concern of shape (button, frame…)
3. The concern of image style
4. Hard to achieve change detection in real-time
5. How to use the plugin in terms of dynamic web design
6. There is no best practice, at least not one practice