

For the header part, we choose 8 tags, which are:

<menu><text><form><input><button><select><image>

In order to avoid ambiguity when doing automatic annotating, here are some rules that I think we may follow, I'll list them in tags.

<menu> (ul):

1. The tag name should be
2. <menu> must contain tags
3. It should contains more than 3 items (> 3)
4. For that contains less than 3 items, we will ignore the <menu> and part, directly annotating the inside tags

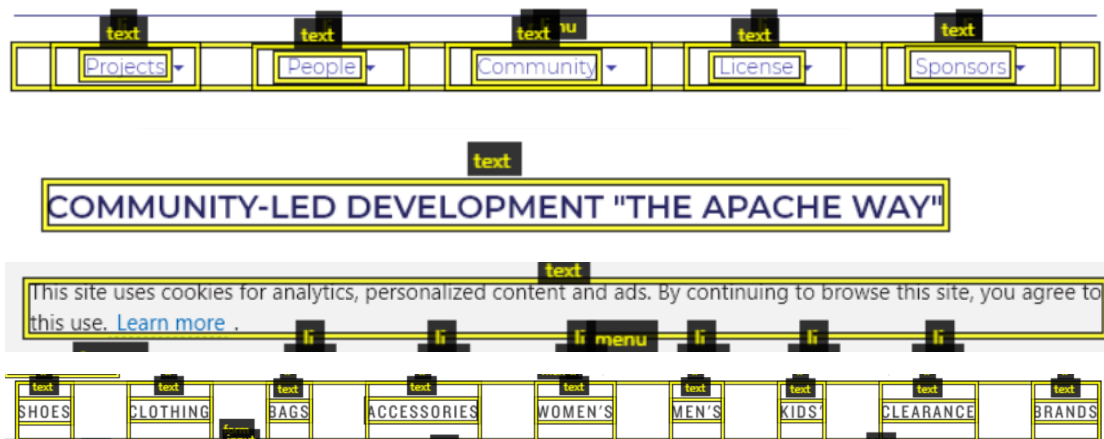
:

1. A tag must be the child element of
2. A tag must contain <text>, some of them may contain <image>
3. The Menu part will be like :

```
<menu>
  <li>
    <text>
  </li>
  <li>
    <text>
  </li>
</menu>
```

<text> (any HTML tags that contain text):

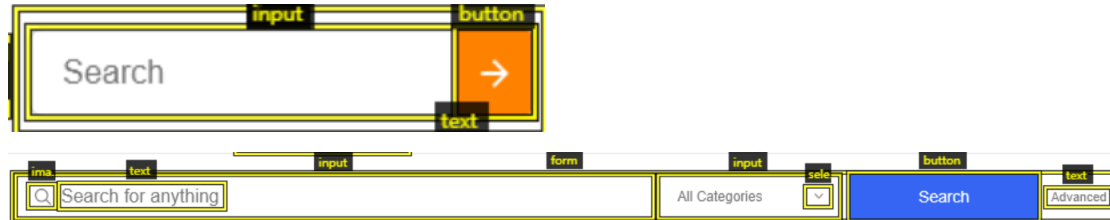
1. The content of <text> can only be some characters, for Unicode icon, it should be annotated as <image>
2. Usually, a <text> tag is contained by a , but when we find some pure text or some link, we may also annotate them as <text>
3. Here are some examples for <text> and <menu><text></menu>:



<form>:

1. <form> tags are used to annotate form in the website
2. <form> must contain <input> and <button>, some <form> tags may also contain <text> and <select> or <image>

Here are some examples for <form>:



<input>:

1. Mostly a <input> tag lays in the <form>
2. A <input> can be found in HTML element <input>
3. Sometimes <input> tags may contain <text> and <image>

<button>:

1. If the HTML tag is <button>, then it should be annotated as <button>
2. If the type of the tag is <button>, it can be annotated as a <button>
3. If the tag contains “button” or “btn” in its class-name or attributes, mostly it can be annotated as <button>
4. If the tag have borders, mostly it can be annotated as <button>



<select>:

1. A tag can be annotated as <select> only when the HTML element tag name is <select>
2. In this annotation, we use a <input> and <select> to annotate this part, <input> for the contour and <select> for the arrow



<image>(<svg> Unicode icon):

1. If a element tag name is , then it must be annotated as <image>



2. Unicode icon and icons also should be annotated as <image>



3. <svg> can be annotated as <image>

