Project title: **Dierenasiel Schoten revamp**

1. introduction

I would like to renew an existing website (*) of a local animal shelter(**), which needs improvements. I saw that there are some problems to be fixed, so it would be the right candidate for me to get my hands on a useful social project, and at the same time it could be beneficial to the organization that owns the web site.

2. Expected List of Features

- Upgrade from HTML4 to modern HTML5

  I see that the current website is made using a very old editor, microsoft front page 6.0, and the navigation system is made using frameset, which is now obsolete.
  Another problem to be fixed is the poor or non-existent use of CSS. Several other errors need to be corrected. (***)

- Static website

  I'd like to create a static website (draft), first; because it is faster and easier to do.

- Implementation of a contact form

  It is essential that the organization is in contact with the users of the web site to receive mail and material.

- CSS update and restyling, adding components

  Making the web-site more graphically coherent, modern and pleasant, translates into a better user experience.
  Use of external CSS. Adding social icons, a Google map.

- Responsiveness

  The new web-site should use media-queries.
  It is better to have an optimized design for mobiles and tablets. The site will be more consistent for mobile and the pages will display faster on smaller devices.

- Implementation of a form for uploading photos and writing text for the adoption section and the news section

This feature is optional.
It could be the web master who publishes the photos and
write the text provided by the users (as it is now),
instead of letting normal users of the site do it.
This addition of a rudimentary CMS function could help
the web-master to do his/her job more easily.

- Maintainable website

This feature is optional.
A second version would be available.
The final web site requires constant updates of the
content, such as posting photos and information on new
animals that have been found. Therefore the web-master
should be able to adapt the content himself. Maybe I could
create a mini-tutorial for the web-master to accomplish
this task.

3. Market Survey

I have found other similar sites of other local animal-
shelters, some with the same problem, others completly updated.
I report what I find interesting (in green) and what could be
avoided (red).

- https://www.sociovzw.be
  Updated recently, it is using Bootstrap and Jquery, some
  animations added. It is much better than the previous one.
  Originally I had in mind to do the restyling of this one.
  They have many different types of animals. Some errors in
  HTML.

- https://dierenasielcanina.be
  Uses https, minimalist. Uses Wordpress and it looks like a
  Blog, with the menu on the right; where blog-posts usually
  go. The nav-bar on the top is missing. No errors found.

- http://www.dierenasielsinttruiden.be
  Made with Joomla, very simple and with many images. Really
  nice cards with pictures of the animals, some information
  aside. Newsletter. Only warnings and minimal errors.

- https://dierenasielgenk.be
  Https, made with Wordpress. Clear, simple interface.
  Some errors.

- https://dierenasiel-tienen.be
  Wordpress, news about Covid, simple interface. Found some
  errors in HTML.

- https://www.dierenasielgent.be
  Very well made, it uses PHP, Jquery and Bootstrap. I like the adoption page. For donations there is a payment system based on credit cards. Uses https. Very professional. Minor errors.

- http://www.dierenasielknokke-heist.be
  Jquery and Jquery UI. Could be a bit better. Nice series of stories about adoptions. Report of previous years. Some HTML errors.

- https://www.dierenasiel-leiestreek.be
  Modern, responsive and elegant. Uses Angular and Jquery. Touch of professionalism, both for the website and for the photos. Some errors as well. It is the one I have in mind.

4. References

See list of previous links.

* http://www.dierenasielschoten.be/

** Animal shelter in Schoten, Antwerpen BELGIUM

*** list of errors and warnings on the current website:

- Lang attribute missing to the html tag
- DOCTYPE missing
- Wrong encoding declaration (windows-1252), instead of utf-8
- Attribute cols not allowed on frameset element
- Use iframe instead frameset (obsolete)
- Attribute target not allowed on frame element
- Units without a unit after the numbers, like in **left: 2**
- Attribute bordercolorlight and bordercolordark are not allowed in table element
- Img elements should have alt attribute
- Element blink not allowed inside strong element
- various obsolete elements (use CSS instead)
- Stray end tag a
- xmlns:v and xmlns:o not allowed in HTML tag
- http://www.w3.org/TR/REC-html40 used instead of http://www.w3.org/1999/xhtml
- Property text-underline doesn't exist
- Stray end tag embed
- font-family values not recognized
- Element p cannot be child of the font element
- script tag before DOCTYPE
- No GDPR, no Cookie pop-up or header banner
- other errors and warnings