Pet Shop Functional Mockup

Software Mockups

The most common use of mockups in software development is to create user interfaces that show the end-user what the software will look like without having to build the software or the underlying functionality. Software UI mockups can range from very simple hand-drawn screen layouts, through realistic bitmaps, to **semi functional user interfaces** developed in a software development tool.

Objectives:

- develop a semi-functional mockup of the Pet Shop application graphical user interface (client-side). It should be, based on the requirements listed in the following sections.
- Practice using HTML5 and CSS3 languages

What should be delivered

- text file (txt, pdf or word) with the name and USP number of all students in the group, a textual description of each submitted file, and any extra explanation you may have about your work. Do not forget to include the project for your final site: It should include:
  - The functionalities you are going to implement (when talking about them, link the corresponding Html files).
  - The information you are going to save in the server (no need to decide how that information will be saved).
  - A diagram showing how users navigate the site.
- Html5 and css3 files for each system screen. You must use the Single-Page Application style. Remember that HTML5 has several widgets that can be used (buttons, textboxes, checkboxes, etc.) and they can still be rendered with different CSS3 styles. The mockup does not need to include any JavaScript. If you use, the code won't be considered just the UI functionality.

Layout Suggestions for Screens

These are just suggestions. Feel free to use other combinations, but make sure the functionality covered is the same as these interfaces:

- Homepage with a description of services/products offered and login area (any type of user)
- If the user is a customer:
    - Screen with actions: schedule time, buy a product, edit your registration, register/list animals
    - Calendar screen of the month and time list to select a service.
    - Screen with details of a registered animal and information such as its current situation (how many services are reserved for it and the total cost).
- If you are an administrator
    - Screen with actions: register administrators / customers / products / services / etc) in a menu
    - Screen for managing services, where you can associate services with time slots, release reserved slots, etc.
    - Product Inventory Management Screen (Add, Update, Delete, Consult)

Valuation Criteria

Guiding Questions	Minimum	Effort and Satisfactory Performance	Above and Beyond
Do the screens cover all program functionality? (50% of grade)	(1 star): more than 50% of the functionality is covered by the screens.	(3 stars): All features are covered. The screens are well organized.	(5 stars): All features are met. Screens are very well organized using appropriate widgets

HTML5 and CSS3. Is the web interface well structured? (50% of the rating)	(1 star): the interface is broken due to poor HTML or CSS structuring/misuse of navigational elements	(3 stars): interface is not broken, navigability is reasonable and well structured / browser compatibility	(5 stars): elements were used that made the interface look "clean" and easy to navigate, and allow compatibility between devices of different sizes