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**REPORT WMT PROJECT**

Topic: website for a restaurant written in **DHMTL**, with **server side** functionalities and **DB interaction**.

It is composed by **5 pages**: 4 public pages (history of restaurant, homepage, menu page, contacts page) and 1 reserved to administrators.

All pages present the same structure, composed by a header with an horizontal navigation bar, main content of the page and a footer.

Accessibility principle are taken into account during the design:

* **Skip-navigation link**, which allows an only keyboard user to skip the navigation bar and to go directly to the content of the page
* **Alt-attributes** which describe every significant image, especially for blind users
* **Standard** style for link and buttons, user must know when his cursor is above one of them
* **Header attributes** to describe the content of tables
* **Placeholders** in all form fields, which provide information about what the user needs to enter
* **Simple** and **clear** organization of content

Brief description of pages:

* **History page**, just a description of the history of the restaurant with 2 images, representing the inside and the outside
* **Homepage**, which presents the location, timetable and also have a javascript functionality which allows the user to scroll through some restaurant images
* **Menu page**, which presents the menu with the help of tables
* **Contact page**, which contains contact information and a form that allow the user to directly book a table (reservation details are sent to a specific database after their validity is checked with a javascript function). Both in case of success and in case of failure the user is informed properly about the result and why it happened.
* **Restricted area**, page protected with a basic security system composed by credential verification (username and password). The link to this page is positioned far away from the other in order to avoid accidental clicks, but in case they happened it is always possible to go back to homepage.

In case of successful login the page is composed by 4 different forms that allows database interaction in 4 different ways:

* + Show the entire database content
  + Check a reservation of a specific person
  + Insert a new reservation
  + Delete a specific reservation