

Web Design Project Documentation

Marius Roşu

June 2023

1 Introduction

The documentation offers a thorough overview of the Red'monica Philharmonic website, outlining its specifications, features, and the technology used in its creation. The website holds the name of the most popular musicians of the Red'monica among their instruments, information about the price of the tickets, all the events upcoming and multiple ways to contact the owners, via email or in the contact form.

We will go over the requirements that guided the website's development and delve into the technologies used to make the website possible throughout the documentation. Let's get into the website's specifics, starting with the specifications and functionality for the Red'monica Philharmonic website.

2 Requirements and Functionality

2.1 Requirements

The website should serve as an online platform to promote and showcase the Red'monica. It should provide information about the musicians, its history, and its mission to engage and captivate audiences with exceptional performances.

The website should offer engaging and informative content to users, providing details about upcoming concerts, events, and the prices, with all this data saved in a MySQL database.

The website should also have a log in/register system where all the data is saved in the same database as above.

It should create a compelling online presence for the orchestra and encourage users to explore its offerings further. The website should have a clear and intuitive navigation structure, allowing users to easily access different sections of the website.

It should include a navigation menu or bar that remains consistent across pages for seamless browsing.

2.2 Functionality

Red'monica website provides a log in/register system where the user have to sign in to access our website. After this it will be directed to the main page where there is some information about Red'monica's musicians and their instruments and a contact form to send a message to the owner.

In this page you can also find ways to the Tickets section where you can see the prices for Philharmonica events.

Here we can find two more sections, shown in the drop down menu from 'Events' button: All Events and Special Events, where you can find all the upcoming events ordered by their date.

The log in system lets the user to log in as an admin, who can add more events, or as guest who can contact the owners of the Red'monica or see the upcoming events.

3 Technologies Used

HTML5 (Hypertext Markup Language): HTML5 serves as the foundation of the website, providing the structural markup for different web pages. It allows for the creation of semantic and accessible content, ensuring compatibility across different browsers and devices.

CSS3 (Cascading Style Sheets): CSS3 was used to style and enhance the visual presentation of the website. It enables the customization of fonts, colors, layouts, and other design elements, contributing to an aesthetically pleasing user interface.

JavaScript: JavaScript was utilized to add interactivity and dynamic functionality to the website. It enables the implementation of features such as drop-down menus, image sliders, and form validations, enhancing the overall user experience.

4 Web Pages

The home page is located in 'mainPage.html' along with the other files that give life to the page: styleMainPage.css, contact.php, scriptMainPage.js.

The log in page is located in 'log.html' among the other files that styles the web page and gives all the functionalities: styleLog.css, log.php, scriptLog.js.

The register page located in 'register.html' among with the other files: register.css, register.php, register.js.

The calendar page for the upcoming events located in 'calendar.html' among with the other files: calendar.css, calendar.php, calendar.js.

The specialCalendar page for the upcoming special events located in 'specialCalendar.html' among with the other files: specialCalendar.css, specialCalendar.php, specialCalendar.js.

The tickets page for the user to see the price located in 'tickets.html' among with the other files: tickets.css, tickets.php, tickets.js.

These are the files for the guest user, but for the admin user all of this files names gets 1 before '.html', but not the main page where the name of the files get changed to mainPage1.html, mainPage1.css, mainPage1.php, mainPage1.js.

5 Functionalities of The Red'monica

Red'monica's website offers a log-in/register system that requires users to register in order to access it. After that, a link will take you to the home page, where you may send the owner a note and find out more about the musicians who make up Red'monica and their instruments.

There are pictures of the most popular musicians and their instruments that gets changed after a specific amount of time using javascript and css.

There are links on this page that will take you to the Tickets area, where you may view the costs of Philharmonica events.

The 'Events' option will take you to two further sections, All Events and Special Events, where you may view all the future events listed in date order.

The login mechanism gives the user the option of logging in as a visitor or an admin, who can add more events.

6 Conclusion

In conclusion, the Philharmonica website provides classical music aficionados with a sophisticated and user-friendly platform to interact with the Red'monica Philharmonic. The website attempts to give its users an engaging and educational experience by integrating a variety of capabilities.

In general, the Philharmonica website aims to give fans of classical music a seamless and enriching experience while creating a relationship between the public and the Red'monica Philharmonic. Every visitor will have an enjoyable and unforgettable experience thanks to the website's features, which promote the orchestra's performances and encourage a deeper appreciation for classical music.