**İSTANBUL OKAN UNIVERSITY**

**CENG374 INTERNET PROGRAMMING**

**CULTURAL EVENTS PROJECT**

**BÜŞRA KÜÇÜK – 200212001**

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**1.Introduction**

The Istanbul Cultural Events Website is a web-based platform designed to showcase a variety of cultural events taking place in Istanbul, Turkey. The website serves as a comprehensive guide for residents and visitors to explore and engage with cultural activities such as art exhibitions, film festivals, music concerts, theater performances, and literary events. This report provides an overview of the project, including its objectives, technical implementation, and additional features.

**2. Theoretical Information**

**HTML5**

HTML5 (HyperText Markup Language) is the standard markup language used for structuring and presenting content on the World Wide Web. In the Istanbul Cultural Events Website, HTML5 is utilized to define the structure of web pages, including headings, paragraphs, lists, images, and links.

**CSS3**

CSS3 (Cascading Style Sheets) is the style sheet language used for describing the presentation of a document written in HTML. CSS3 is employed in the project to enhance the visual appearance of web pages, including layout, colors, fonts, and spacing.

**JavaScript**

JavaScript is a programming language that enables interactive web page functionality. In the Istanbul Cultural Events Website, JavaScript is used to implement dynamic features such as event handling, form validation, and DOM manipulation.

**Flexbox**

Flexbox is a layout model in CSS that allows for the arrangement of elements in a flexible and efficient manner. Flexbox is utilized to create responsive and adaptive layouts in the project, ensuring optimal display across different devices and screen sizes.

**Media Queries**

Media queries in CSS allow for the conditional application of styles based on the characteristics of the device or viewport. Media queries are employed in the project to implement responsive design, enabling the website to adapt its layout and styling for various devices, including desktops, tablets, and smartphones.

**3. Technologies Used and Technical Requirements**

The Istanbul Cultural Events Website utilizes the following technologies:

* HTML5
* CSS3
* JavaScript
* Flexbox
* Media Queries
* Font Awesome (for icons)

Technical Requirements:

* Modern web browser with JavaScript enabled

**4. Additional Features**

In addition to its core functionality of showcasing cultural events, the Istanbul Cultural Events Website includes the following features:

* Event Details Page: Users can access detailed information about each event by navigating to dedicated event details pages.
* Comment Section: Users can engage with the website by leaving comments on event pages, enabling interaction and discussion among visitors.

**5. Project Planning Process**

The project planning process involved the following steps:

1. Requirement Analysis: Identified the need for a website to promote cultural events in Istanbul and outlined the desired features and functionalities.
2. Design Phase: Created wireframes and mockups to visualize the layout, structure, and user interface of the website.
3. Development Phase: Implemented the website using HTML, CSS, and JavaScript, following the design specifications and incorporating responsive design principles.
4. Testing Phase: Conducted comprehensive testing to ensure the website's functionality, usability, and performance across different devices and web browsers.
5. Deployment Phase: Deployed the website to a web server for public access, ensuring reliability and availability to users.

**6. Conclusion and Discussion**

The Istanbul Cultural Events Website provides a valuable resource for individuals interested in exploring and participating in cultural activities in Istanbul. By offering comprehensive event information, interactive features, and responsive design, the website aims to enhance the cultural experience of residents and visitors alike. Further enhancements and updates can be implemented to improve usability, accessibility, and engagement with the platform.

**7. References**

* MDN Web Docs: <https://developer.mozilla.org/>
* Font Awesome: <https://fontawesome.com/>

**8. Program Codes**

- Codes <https://github.com/busraakucuk/cultural-events>

-Website <https://busraakucuk.github.io/cultural-events/>