Software Design Description

for

Türkiye cultural activities

Version 1.1

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Revision history

Name	Date	Version
Türkiye cultural activities	20-03-2024	1.0
Türkiye cultural activities	24-03-2024	1.1

1. INTRODUCTION

1.1 Overview

The proposed website aims to serve as a centralized platform for showcasing and providing information about cultural activities and festivals across Türkiye. Through this platform, users will be able to explore upcoming events, discover detailed information about each event, participate in activities, and engage with fellow enthusiasts through feedback and commentary. The website will feature a user-friendly interface, intuitive navigation, and dynamic functionalities to enhance user experience and encourage active participation in Türkiye's rich cultural scene.

1.2 Scope

This document will contain the general definition and features of the application, design constraints, the overall system architecture, and data architecture. With the help of diagrams, mockups, design of the system, and modules, the programmer will be able to understand all information stated in this document correctly and easily.

1.3 Purpose

The primary purpose of the website is to promote and facilitate access to cultural activities and festivals in Türkiye, thereby fostering a greater appreciation and understanding of the country's cultural heritage. By providing a centralized platform for information and engagement, the website aims to connect cultural enthusiasts, locals, and tourists with the diverse array of cultural events taking place throughout Türkiye. Additionally, the website seeks to support event organizers by increasing visibility and participation in their cultural initiatives, ultimately contributing to the preservation and celebration of Türkiye's rich cultural heritage.

1.4 Intended Audience

The website targeting cultural activities and festivals in Türkiye caters to a diverse audience, including cultural enthusiasts, tourists, local communities, event organizers, educational institutions, government agencies, and media professionals. By providing a centralized platform for accessing information, promoting events, and fostering engagement, the website aims to connect these groups with Türkiye's vibrant cultural scene, promoting appreciation and participation in its rich heritage and traditions.

1.5 References

[1]   *Festivals*. (n.d.). https://www.ktb.gov.tr/EN-98563/festivals.html

2. SYSTEM OVERVIEW

2.1 Description

Our website is a dynamic online platform dedicated to promoting and facilitating engagement with cultural activities and festivals across Türkiye. Integrating a comprehensive event database with interactive features, the website serves as a centralized hub for cultural enthusiasts, tourists, event organizers, and local communities alike. By offering detailed event listings, user-friendly navigation, and interactive functionalities. The platform also incorporates multimedia elements, including photos and videos from past events, to provide users with a visual glimpse into the rich tapestry of Turkish culture. With its intuitive design and robust functionality, we strive to connect users with cultural experiences tailored to their interests, fostering greater appreciation and engagement with Türkiye's vibrant cultural heritage.

- Cultural Event Discovery:
The website provides users with a seamless experience for discovering cultural events and festivals across various cities in Türkiye. Users can explore upcoming events, view detailed descriptions, and access information about event dates, locations, and participating artists or performers.

- Engaging Event Details:
Each event listing includes comprehensive details such as event schedules, participant information, and cultural significance. Users can delve into detailed event descriptions to gain insights into the cultural significance and highlights of each event.

- User Interaction and Feedback:
The website fosters user engagement through interactive features, including comment sections and rating systems. Users can share their experiences, provide feedback, and interact with other participants, enhancing community engagement and fostering a sense of belonging within the cultural community.

- Multimedia Gallery Showcase:
A multimedia gallery showcases photos and videos from past cultural events, allowing users to visually immerse themselves in the vibrant cultural experiences Türkiye has to offer. This feature provides users with a glimpse into the atmosphere and highlights of previous events, igniting excitement for upcoming cultural gatherings.

2.2 Product functions

- <u>Homepage Overview</u>:

Provides users with an introduction to the website, offering a snapshot of the featured events and a brief overview of the available pages. Users can easily navigate to other sections of the website through menu links.

- <u>Event Details Access</u>:

Allows users to access detailed information about specific events by clicking on the event of interest. This feature provides users with comprehensive event schedules, participant details, and in-depth descriptions of event locations.

- <u>Multimedia Gallery Exploration</u>:

Offers users access to a multimedia gallery containing photos and videos from past cultural events. This feature allows users to immerse themselves in the atmosphere of previous events and gain insights into the cultural experiences offered.

- <u>Contact Form Submission</u>:

Includes a contact form for users to reach out to the site administrator. Users can submit inquiries, feedback, or requests through the contact form, providing a direct communication channel between users and site administrators.

- <u>Event Search and Filter</u>:

Implements an event search functionality that enables users to search for events based on criteria such as date, location, and type of event. This feature enhances user experience by allowing users to find relevant events quickly and efficiently.

2.3 Pages and UI Components

a. Home Page

Visualization:
- The Home Page features a visually appealing carousel showcasing featured cultural events and festivals, providing users with an enticing glimpse into upcoming activities.
- Each event is accompanied by vibrant imagery and concise descriptions, enhancing user engagement and interest.

Explore Events:
- Includes a prominent call-to-action button directing users to the Events Page, encouraging exploration of the full list of cultural events and festivals available on the website.

Connect on Social Media:
- Integrates social media links to prominent platforms, enabling users to stay updated on the latest news and announcements regarding cultural events and festivals.

b. Events Page

Comprehensive Event Listings:
- Presents a comprehensive list of upcoming cultural events and festivals, displaying essential details such as event dates, locations, times, and brief descriptions.
- Users can easily browse through the events and select specific ones for further exploration.

Event Details:
- Allows users to access detailed information about each event by clicking on the event of interest, providing comprehensive event schedules, participant details, and in-depth descriptions of event locations.

c. Gallery Page

Immersive Visual Experience:
- Provides users with an immersive visual experience through a gallery showcasing photos and videos from past cultural events and festivals.
- Users can explore the gallery to gain insights into the vibrant atmosphere and cultural richness of previous events.

Period Selection:
- Allows users to specify periods for analysis.

d. Contact Page

Get in Touch:
- Features a user-friendly contact form that allows users to submit inquiries, feedback, or requests directly to the site administrator.
- Users can provide their name, email address, and message, facilitating seamless communication and interaction.

Connect on Social Media:
- Integrates social media links to prominent platforms, enabling users to connect with the website and stay updated on news and announcements.
- Users can follow the website on social media platforms to receive the latest updates and information about cultural events and festivals.

3. TECHNOLOGIES USED AND TECHNICAL REQUIREMENTS

3.1 Programming languages

a. HTML
b. CSS
c. JAVASCRIPT

3.2 TECHNICAL REQUIREMENTS

HTML Structure:

HTML will be utilized to construct the structure of all web pages, ensuring proper semantic markup for accessibility and search engine optimization (SEO) benefits.

CSS Styling:

CSS will be applied to the website to provide consistent styling and visual appeal across all pages, ensuring a cohesive and professional design.

JavaScript Interactivity:

JavaScript will be implemented to enhance user interaction by adding dynamic elements and interactive components such as event pop-ups, image sliders, and form validation, improving the overall user experience.

Responsive Design:

Responsive design techniques will be employed to ensure the website is adaptable to various screen sizes and devices, ensuring accessibility and usability across different platforms.

User Comment System:

A user comment system will be implemented to allow users to share feedback and engage with the cultural community, with comments stored in the database and dynamically displayed on event pages.
Event Search Feature:

An event search functionality will be incorporated to enable users to search for events based on criteria such as date, location, and type of event, enhancing user experience and navigation.

Multimedia Gallery:

A multimedia gallery will be developed to showcase photos and videos from past events, providing users with visual insights into Türkiye's vibrant cultural scene and enhancing engagement with the website.

4. INTERFACE DESIGN

4.1 User Interface Design Overview

Color Scheme and Styling:

- Primary Colors:

1. **rgba(26, 169, 201, 0.5):**
   - This color, represented as rgba(26, 169, 201, 0.5), is a light shade of cyan with a slight transparency.
   - It adds a subtle, calming hue to various elements on the website, providing a refreshing and modern aesthetic.
   - Used for background colors, borders, or accents, this color creates visual interest without overwhelming the content.
   - The transparency effect adds depth and dimension to the design, enhancing the overall visual appeal.

2.rgba(255, 255, 255):

- White is a classic and versatile color widely used in web design for its clean and minimalist appearance.
- It conveys simplicity, clarity, and professionalism, making it ideal for backgrounds, text, and other prominent elements.
- White backgrounds create contrast, allowing content and images to stand out prominently and ensuring readability.
- Used strategically, white helps to create a visually spacious and airy layout, contributing to a modern and sophisticated look for the website.

- Font:

- **Poppins/sans-serif** is used consistently throughout the webiste for a unified visual language. Subtle variations in weight (Regular, Semi-Bold, Bold) are used for headings, buttons, and important information within each page.

4.2 User Interface Navigation

4.2.1 Main Navigation

Navigation Bar:

- The navigation bar provides quick access to main website pages.

- Dynamically changes based on screen size.

- Enables navigation between:
- Home Page
- Events Page
- Gallery Page
- Contact Page
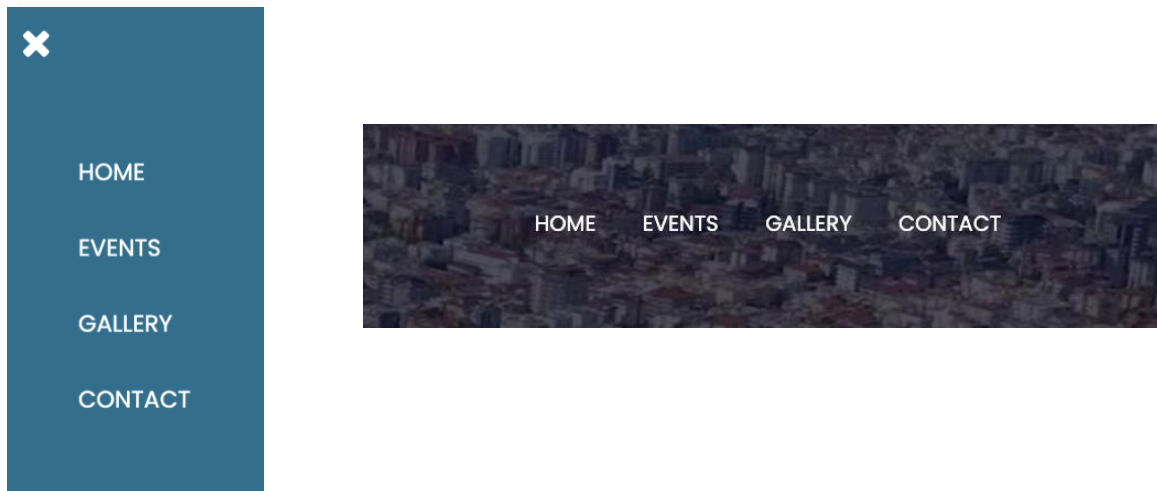
4.2.2 Secondary navigation

- **Explore Upcoming Events:** navigate to Events page
- **View Gallery:** Navigate to Gallery page
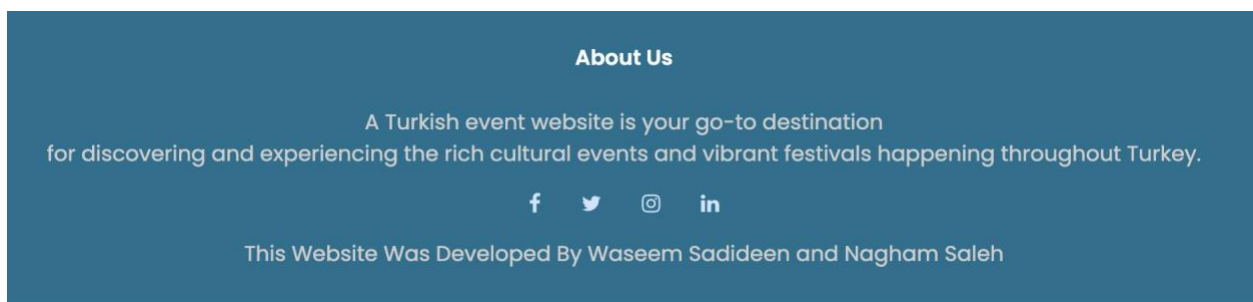- **Social Media Buttons:** Navigate to social media
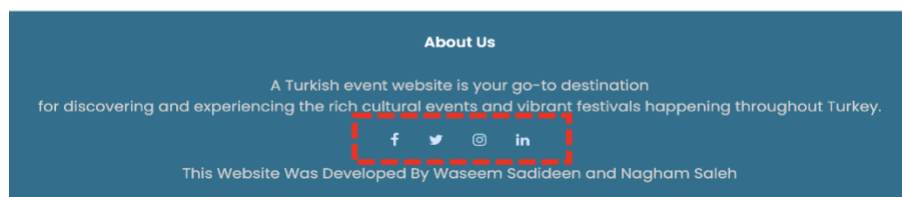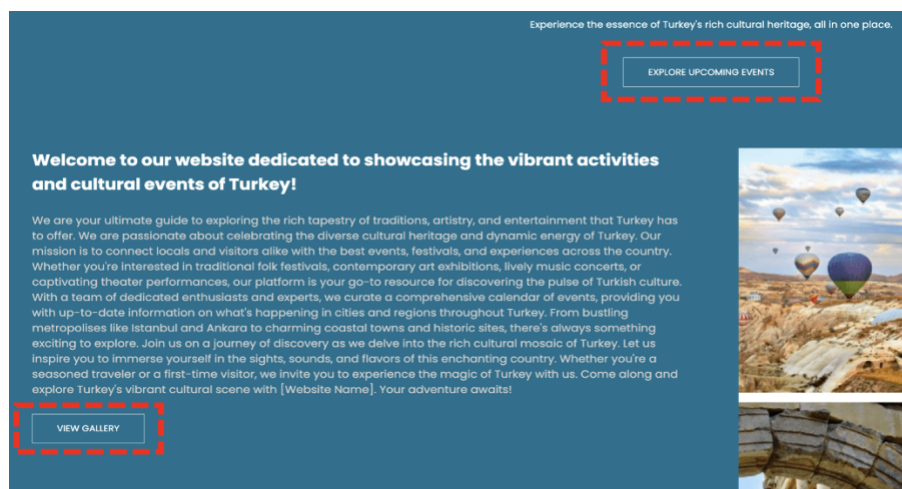
4.3 Website Pages

Budget page

      a. Overview
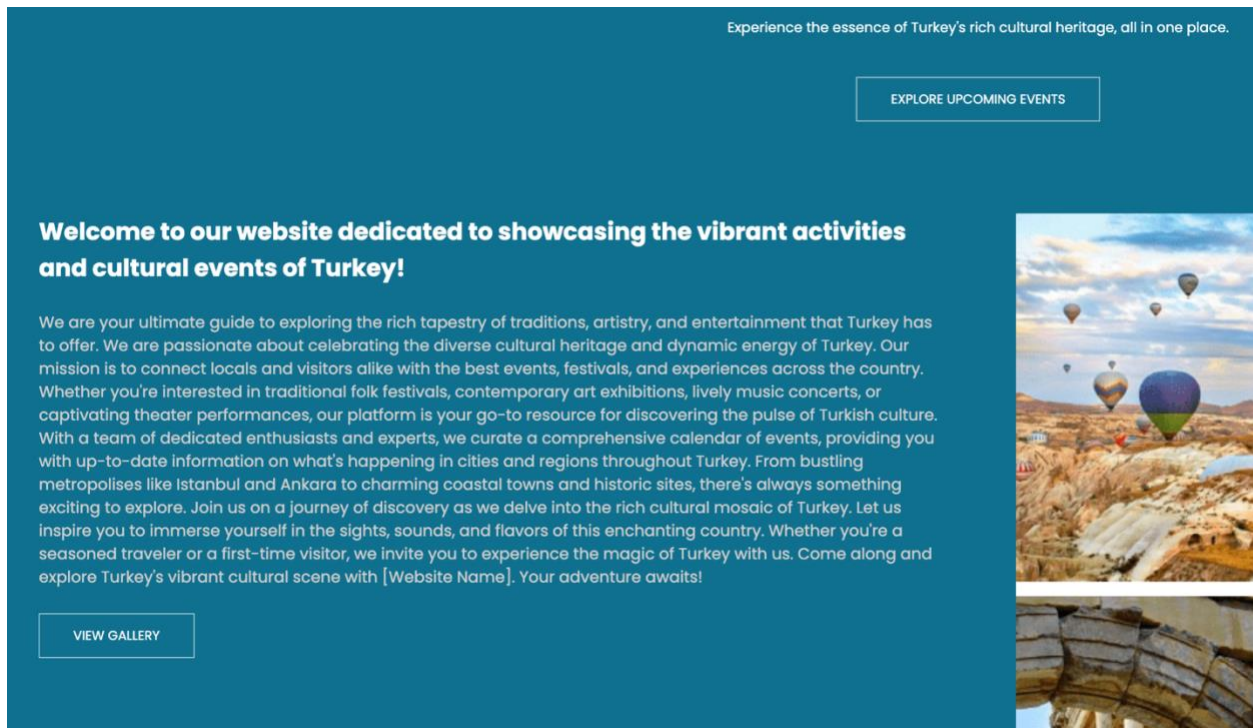
      b. Footer

Events page

    a. Search and filter

    b. Events

Gallery page

    a.   Previous events pictures
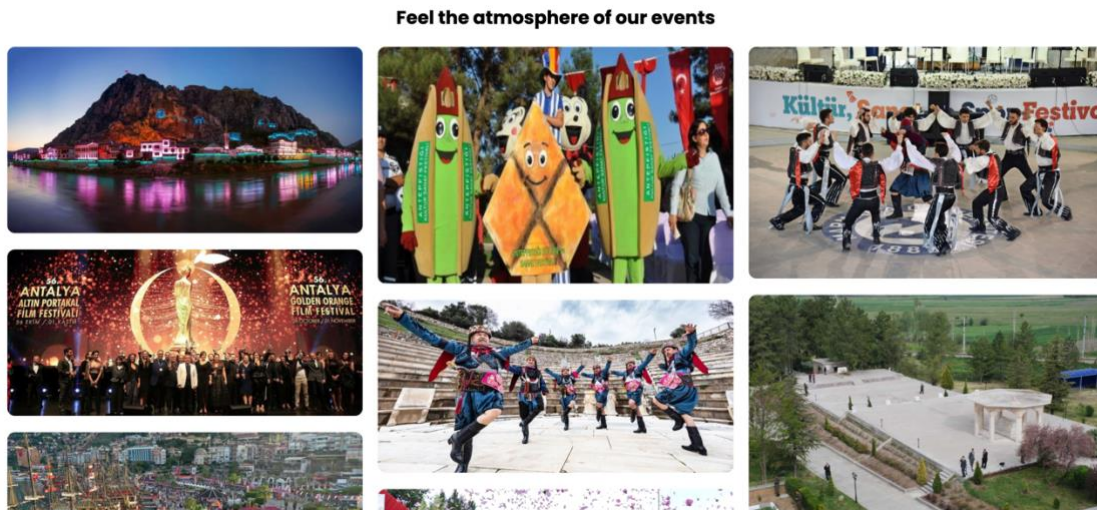
    b.   Previous events videos
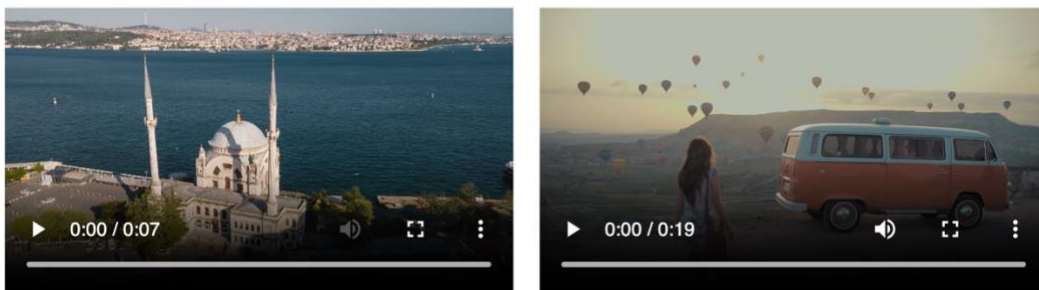
c. Location
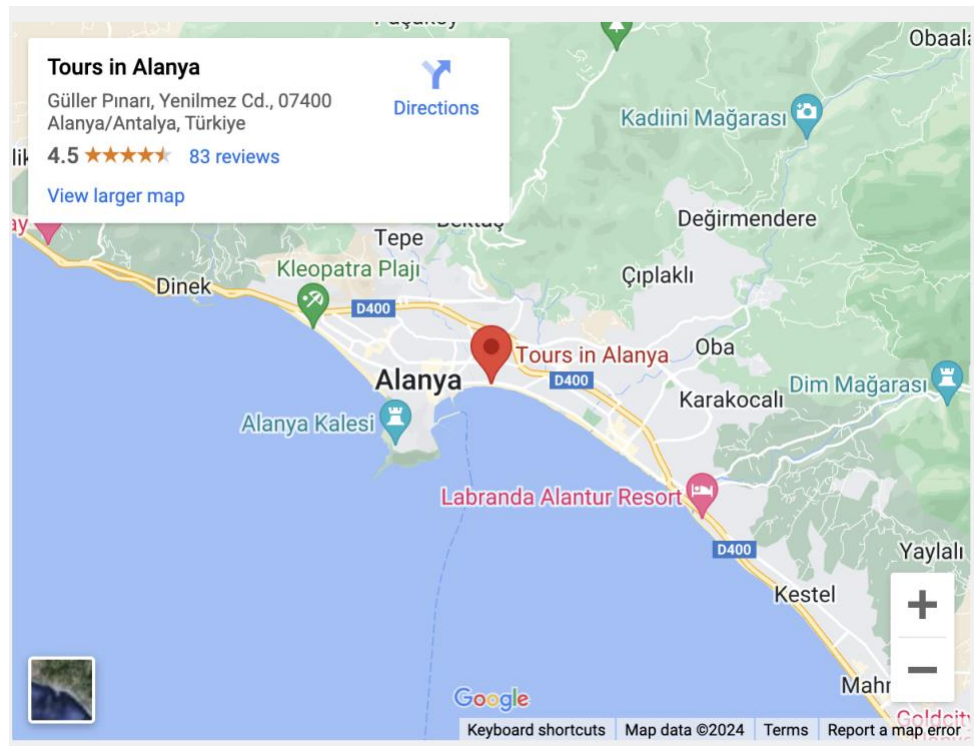
d. Comment form

Contact page

    a. Get in touch form