

Established – 1961

Subject: web Designing

**SEVA SADAN'S
R. K. TALREJA COLLEGE
OF
ARTS, SCIENCE & COMMERCE
ULHASNAGAR – 421 003**



CERTIFICATE

This is to certify that Mr./Ms. SHIVAM HAWALDAR RAJBHAR of F.Y. Information Technology (FYIT) Roll No. 2541034 has satisfactorily completed the Web Designing Mini Project entitled PORTFOLIO WITH EVENT-BASED THEME CUSTOMIZATION during the academic year 2025 – 2026, as a part of the practical requirement. The project work is found to be satisfactory and is approved for submission.

PROF. INCHARGE

Sahil Shukla

HEAD OF DEPT

Prof.Laxmi Jeshwani

INDEX

SR. NO.	CHAPTERS	PAGE NO.
1.	INTRODUCTION	3
2.	REQUIREMENT SPECIFICATION	4
3.	SYSTEM DESIGN	5
4.	SYSTEM IMPLEMENTATION	7
5.	SYSTEM TESTING AND RESULTS	9
6.	FUTURE SCOPE AND CONCLUSION	11
7.	REFERENCES	12
8.	GLOSSARY	13

1. INTRODUCTION

A Portfolio with Event-Based Theme Customization is a modern and interactive personal website that changes its design theme based on specific events, occasions, or user actions. Instead of having one fixed design, the portfolio automatically updates colors, backgrounds, fonts, or animations according to events like festivals, seasons, time of day, or special celebrations.

For example, during Diwali, the website theme can include warm colors and light effects, while during Christmas, it can switch to a festive red and green theme. Similarly, it can change to a dark mode at night and a light mode during the day.

This type of portfolio is created using HTML (structure), CSS (design & themes), and JavaScript (event detection and theme switching). It enhances user experience, makes the website more attractive, and shows advanced front-end development skills.

Overall, an event-based customizable portfolio demonstrates creativity, technical knowledge, and responsiveness, making it more engaging and professional than a traditional static portfolio website.

.

2. REQUIREMENT SPECIFICATION

2.1 Functional Requirements

The system should display the following sections:

Home

About

Skills

Projects

Contact

The system should automatically change the website theme based on events (e.g., festivals, special days, or time-based events like Day/Night mode).

The system should allow manual theme selection using a theme switch button.

The system should apply different colors, backgrounds, fonts, and animations for each theme.

The contact form should:

Accept user inputs (Name, Email, Message)

Validate required fields

Display submission confirmation message

The system should be responsive (work properly on mobile, tablet, and desktop).

The system should display smooth animations and transitions while switching themes.

2.2 Non-Functional Requirements

Performance:

Website should load within 2–3 seconds.

Theme switching should happen instantly without page reload.

Usability:

User-friendly interface.

Easy navigation between sections.

Reliability:

No errors during theme change.

Contact form should work properly.

Compatibility:

Should work on modern browsers like Chrome, Edge, and Firefox.

Security:

Basic form validation to prevent empty submissions.

2.3 Hardware Requirements

Computer/Laptop

Minimum 4GB RAM

Internet Browser

2.4 Software Requirements

HTML5

CSS3

JavaScript

Code Editor (VS Code / Notepad++)

Web Browser (Chrome recommended)

3.SYSTEM DESIGN

3.1 System Architecture

The system follows a Client-Side Web Architecture, where all processing is done in the browser.

Architecture Components:

HTML → Structure of the portfolio (Home, About, Skills, Projects, Contact)

CSS → Styling and multiple themes (Default, Festival, Dark Mode, etc.)

JavaScript → Event detection and dynamic theme switching

The website works without a backend server (static website). All theme customization is handled using JavaScript and CSS.

3.2 Module Design

The system is divided into the following modules:

1 User Interface Module

Displays all portfolio sections

Navigation bar for smooth scrolling

Theme switch button

2 Theme Management Module

Detects events (festival, date, time)

Applies appropriate CSS theme

Changes background, colors, fonts, animations

3 Event Detection Module

Checks system date/time

Matches with predefined events

Triggers theme automatically

Example:

Night Time → Dark Theme

Festival Date → Festival Theme

4 Contact Form Module

Accepts Name, Email, Message
Validates required fields
Shows confirmation message after submission

3.3 Data Flow Design

User opens website

JavaScript checks current event/date/time

System selects matching theme

CSS theme is applied

User interacts with website

Contact form submission → Validation → Confirmation

display

4.SYSTEM IMPLEMENTATION

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Shivam Rajbhar | Event Portfolio</title>
    <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;600&display=swap" rel="stylesheet">
    <style>
        * {
            margin: 0;
            padding: 0;
            box-sizing: border-box;
            font-family: 'Poppins', sans-serif
        }

        body {
            background: #0f172a;
            color: white
        }

        .hero {
            height: 100vh;
            display: flex;
            flex-direction: column;
            justify-content: center;
            align-items: center;
            text-align: center;
            position: relative
        }

        .hero img {
            width: 300px;
            height: 300px;
            border-radius: 50%;
            margin-bottom: 15px;
            border: 3px solid #38bdf8
        }

        .glow {
            position: absolute;
            width: 200px;
            height: 200px;
            border-radius: 50%;
```

```
        filter: blur(100px);
        animation: move 10s infinite alternate
    }

.glow1 {
    background: #38bdf8;
    top: 10%;
    left: 10%
}

.glow2 {
    background: #a855f7;
    bottom: 10%;
    right: 10%
}

@keyframes move {
    from {
        transform: translateY(0)
    }

    to {
        transform: translateY(100px)
    }
}

.events {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
    gap: 20px;
    padding: 40px
}

.card {
    background: rgba(255, 255, 255, 0.05);
    padding: 20px;
    border-radius: 15px
}

button {
    margin-top: 15px;
    padding: 10px 20px;
    border: none;
    border-radius: 5px;
    background: #38bdf8;
    cursor: pointer
}

</style>
</head>
```

```
<body>

<div class="hero">
  <div class="glow glow1"></div>
  <div class="glow glow2"></div>

  
  <h1>Shivam Rajbhar</h1>
  <p>Event Portfolio</p>

  <!-- FIXED BUTTON -->
  <a href="details.html"><button>View Details</button></a>
</div>

<h1 style="text-align: center;">I Showcase All Events i Participated in & Organized</h1>

<section class="events" id="eventContainer"></section>

<script>
const events = [
  { "name": "College Fest", "date": "2025", "type": "Cultural" },
  { "name": "Hackathon", "date": "2025", "type": "Technical" },
  { "name": "Workshop", "date": "2025", "type": "Learning" }
];

const container = document.getElementById("eventContainer");

events.forEach(e => {
  const div = document.createElement("div");
  div.className = "card";
  div.innerHTML = `<h3>${e.name}</h3><p>${e.type}</p><p>${e.date}</p>`;
  container.appendChild(div);
});

</script>

</body>

</html>
```

5.SYSTEM TESTING AND RESULTS

GITHUB LINK:- <https://shivam8421.github.io/Events/>

6. FUTURE SCOPE AND CONCLUSION

6.1 Future Scope

The Portfolio with Event-Based Theme Customization project can be improved and expanded in the future with the following features:

- 1. Backend Integration**
 - Connect the contact form to a real database (MySQL, Firebase) to store user messages.
- 2. Admin Panel**
 - Create an admin dashboard to add or edit themes without changing the code.
- 3. AI-Based Theme Suggestion**
 - Automatically suggest themes based on user preferences or browsing behavior.
- 4. More Event-Based Themes**
 - Add seasonal themes (Summer, Winter, Rainy).
 - Add festival themes (Diwali, Christmas, New Year, etc.).
- 5. User Login System**
 - Allow users to create accounts and save their preferred theme.
- 6. Advanced Animations & Effects**
 - Add smooth transitions, parallax scrolling, and interactive UI effects.
- 7. Hosting & Deployment**
 - Deploy the website online using platforms like GitHub Pages, Netlify, or Vercel.
- 8. Accessibility Improvements**
 - Add screen reader support and better color contrast for visually impaired users.

6.2 Conclusion

The Portfolio with Event-Based Theme Customization project is a modern and creative web development project that enhances user experience through dynamic theme changes. It combines HTML, CSS, and JavaScript to create an interactive and responsive website.

This project not only showcases technical skills but also demonstrates creativity and advanced front-end concepts such as event handling, DOM manipulation, and responsive design. Compared to a normal static portfolio, this system provides a more engaging and personalized experience to users. Overall, this project is useful for learning real-world web development concepts and can be further enhanced with backend integration and advanced features in the future.

7. REFERENCES

1. <https://www.w3schools.com>
 2. <https://developer.mozilla.org>
 3. <https://api.jquery.com>
 4. <https://code.jquery.com>
5. Google Fonts Documentation

8. GLOSSARY

1. Portfolio Website

A personal website that showcases an individual's skills, projects, education, and contact details.

2. Theme

A set of design elements such as colors, fonts, background, and layout style applied to a website.

3. Event-Based Theme

A theme that changes automatically based on specific events like festivals, seasons, or time (day/night).

4. HTML (HyperText Markup Language)

The standard language used to create the structure of web pages.

5. CSS (Cascading Style Sheets)

A stylesheet language used to design and style web pages.

6. JavaScript

A programming language used to add interactivity and dynamic behavior to websites.

7. DOM (Document Object Model)

A programming interface that allows JavaScript to modify HTML and CSS elements dynamically.

8. Responsive Design

A design approach that makes the website adjust properly to different screen sizes (mobile, tablet, desktop).

9. Navigation Bar

A menu section that allows users to move between different sections of the website.

10. Form Validation

The process of checking whether user input fields (like name, email) are correctly filled before submission.

11. Dark Mode

A theme that uses dark background colors to reduce eye strain and improve visibility at night.

12. Animation

Visual effects added to elements to make transitions smooth and attractive.