

# Virtual Even Scheduler

## 1. Application Functionality

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The Virtual Event Scheduler is a web-based application that allows users to create events, manage RSVPs, and view event schedules. Below is a detailed explanation of the application's functionality:

### 1.1 Event Creation

- **Purpose:**

This feature allows users to create events and display them on a timeline for easy reference.

- **Process:**

- Users enter an event title, date, time, and description using a form.
- The data is submitted, and the event appears dynamically in a timeline section below.
- Each event in the timeline displays the event's title, date, time, and description.
- Multiple events can be added, and they will appear in chronological order.

### 1.2 RSVP Management

- **Purpose:**

The RSVP feature allows users to indicate whether they plan to attend, will not attend, or are unsure about an event.

- **Process:**

- Users enter their name and select their RSVP status: *Attending*, *Not Attending*, or *Maybe*.
- After submitting the RSVP form, users receive immediate feedback confirming their RSVP status.

- The RSVP form captures the name of the user and the chosen status for each event.
- The application provides visual confirmation on the page after submission, informing the user that their RSVP has been recorded.

### **1.3 Event Timeline**

- **Purpose:**

The event timeline helps users easily track and visualize upcoming events.

- **Process:**

- After creating events, users can view them listed in chronological order in a timeline format.
- Each event in the timeline shows the event title, date, time, and description.
- This feature helps users plan and keep track of various events scheduled.

### **1.4 User Interface**

- **Purpose:**

The application is designed with a clean and intuitive interface that simplifies the creation of events and the management of RSVP responses.

- **Features:**

- Event Creation Form: A straightforward form for users to enter the details of an event.
- RSVP Form: A form for users to RSVP with their name and attendance status.
- Responsive Layout: The layout adjusts to various screen sizes, making the application usable on mobile, tablet, and desktop devices.
- Timeline Display: A timeline view for displaying all created events, allowing users to easily see their scheduled activities.

## 2. Usage Instructions

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Here is a step-by-step guide for using the Virtual Event Scheduler:

### 2.1 How to Create an Event

1. Open the Application: Open the index.html file in a browser.
2. Fill in the Event Details:
  - In the *Create Event* section, enter the event title (e.g., "Team Meeting").
  - Select the event date and time.
  - Enter a brief description of the event.
3. Submit the Event:
  - Click the Add Event button to submit the event.
  - The event will be added to the timeline below the form.
4. View the Event:
  - After submitting, the event will appear on the timeline, showing the title, date, time, and description.

### 2.2 How to RSVP for an Event

1. Navigate to the RSVP Section:
  - Scroll down to the *RSVP for Event* section.
2. Enter Your Name:
  - Type your name in the "Name" input field.
3. Select Your RSVP Status:
  - Choose your RSVP status from the dropdown: *Attending*, *Not Attending*, or *Maybe*.

#### 4. Submit Your RSVP:

- Click the **Submit RSVP** button to submit your RSVP response.
- A feedback message will appear, confirming your RSVP status (e.g., "John Doe, your RSVP has been recorded as: Attending").

### 2.3 How to View the Event Schedule

#### 1. View the Timeline:

- All events that have been created will appear in the *Event Schedule* section.
- Events are displayed in chronological order, with the title, date, time, and description for each event.

### 2.4 Other Features

- The application allows you to:
  - Create as many events as needed.
  - RSVP to events with real-time feedback.
  - View a comprehensive schedule of all upcoming events.

## 3. Setup Process

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Follow these detailed steps to set up the **Virtual Event Scheduler** on your local machine:

### 3.1 Prerequisites

To set up the application, you'll need:

- A text editor: You can use Visual Studio Code, Sublime Text, Atom, or any editor of your choice.
- A web browser: The application works in any modern browser such as Google Chrome, Firefox, or Microsoft Edge.
- Basic knowledge of HTML, CSS, and JavaScript (for understanding the structure of the code).

### 3.2 Download or Create the Project Files

#### 1. Create a Project Directory:

- Create a folder named `virtual-event-scheduler/` on your computer.
- Inside the folder, create the following files:
  - `index.html` (for the HTML content)
  - `styles.css` (for the styling)
  - `script.js` (for JavaScript functionality)

#### 2. Create the HTML File:

- Open your text editor and create the `index.html` file.
- Copy and paste the HTML code provided earlier into this file.

### **3. Create the CSS File:**

- Create the styles.css file in the same directory.
- Copy and paste the CSS code provided earlier into this file.

### **4. Create the JavaScript File:**

- Create the script.js file.
- Copy and paste the JavaScript code provided earlier into this file.

## **3.3 Open the Project in a Web Browser**

1. Open the Application:
  - After creating the files, open the index.html file in your browser by double-clicking the file. The application will load and be displayed in the browser.

## **3.4 Test the Application**

- Create Events:
  - Test creating multiple events using the "Add Event" form. Ensure that the events appear in the timeline below.
- RSVP for Events:
  - Test the RSVP form by submitting responses with different statuses. The feedback should show up as expected.
- View Events:
  - The created events should be visible in the timeline section, providing a list of upcoming events with details.

## Html Code

---

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Virtual Event Scheduler</title>

  <link rel="stylesheet" href="styles.css">

</head>


<body>

  <header>

    <h1>Virtual Event Scheduler</h1>

    <p>Create and share your event schedules with ease!</p>

  </header>


  <main>

    <section id="event-form-section">

      <h2>Create Event</h2>

      <form id="event-form">

        <label for="event-title">Event Title:</label>

        <input type="text" id="event-title" name="event-title" required>

        <label for="event-date">Date:</label>

        <input type="date" id="event-date" name="event-date" required>
```

<label for="event-time">Time:</label>

<input type="time" id="event-time" name="event-time" required>

<label for="event-description">Description:</label>

<textarea id="event-description" name="event-description" rows="4"></textarea>

<button type="submit">Add Event</button>

</form>

</section>

<section id="schedule-section">

<h2>Event Schedule</h2>

<div id="timeline"></div>

</section>

<section id="rsvp-section">

<h2>RSVP for Event</h2>

<form id="rsvp-form">

<label for="rsvp-name">Name:</label>

<input type="text" id="rsvp-name" name="rsvp-name" required>

<label for="rsvp-option">RSVP Option:</label>

<select id="rsvp-option" name="rsvp-option" required>

<option value="attending">Attending</option>

<option value="not-attending">Not Attending</option>

<option value="maybe">Maybe</option>

</select>



<button type="submit">Submit RSVP</button>

</form>

<div id="rsvp-feedback"></div>

</section>

</main>

<footer>

<p>&copy; 2025 Virtual Event Scheduler. All rights reserved.</p>

</footer>

<script src="script.js"></script>

</body>

</html>

## CSS Code

---

```
body {  
  
    font-family: Arial, sans-serif;  
  
    margin: 0;  
  
    padding: 0;  
  
    background-color: #f9f9f9;  
  
    color: #333;  
  
}  
  
header {  
  
    background-color: #4CAF50;  
  
    color: white;  
  
    text-align: center;  
  
    padding: 1.5rem 0;  
  
}  
  
header h1 {  
  
    margin: 0;  
  
    font-size: 2.5rem;  
  
}  
  
header p {  
  
    margin: 0.5rem 0 0;  
  
}  
  
main {  
  
    padding: 2rem;  
  
    max-width: 800px;
```

```
    margin: 0 auto;
}

#event-form-section, #rsvp-section {

    background: rgb(252, 250, 250);

    border-radius: 8px;

    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);

    padding: 1.5rem;

    margin-bottom: 2rem;

}

#event-form-section h2, #rsvp-section h2 {

    margin-bottom: 1rem;

}

form {

    display: flex;

    flex-direction: column;

    gap: 1rem;

}

label {

    font-weight: bold;

}

input, textarea, select, button {

    padding: 0.75rem;

    border: 1px solid #ddd;

    border-radius: 4px;
```

```
    font-size: 1rem;
}

input:focus, textarea:focus, select:focus {
    border-color: #4CAF50;
    outline: none;
}

button {
    background-color: #4CAF50;
    color: white;
    border: none;
    cursor: pointer;
    transition: background-color 0.3s;
}

button:hover {
    background-color: #45a049;
}

#schedule-section {
    background: white;
    border-radius: 8px;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
    padding: 1.5rem;
}

#schedule-section h2 {
    margin-bottom: 1rem;
```

```
}  
  
#timeline {  
    display: flex;  
    flex-direction: column;  
    gap: 1rem;  
    padding: 1rem 0;  
}  
  
.event-item {  
    border-left: 4px solid #4CAF50;  
    padding-left: 1rem;  
    margin-bottom: 1rem; }  
  
.event-item h3 {  
    margin: 0;  
    font-size: 1.25rem; }  
  
.event-item p {  
    margin: 0.25rem 0 0;  
    color: #666; }  
  
footer {  
    text-align: center;  
    padding: 1rem;  
    background-color: #333;  
    color: white;  
    margin-top: 2rem;  
}
```

## Javascript code

---

```
const eventForm = document.getElementById('event-form');

const timeline = document.getElementById('timeline');

const rsvpForm = document.getElementById('rsvp-form');

const rsvpFeedback = document.getElementById('rsvp-feedback');


eventForm.addEventListener('submit', function(event) {

    event.preventDefault();


    const title = document.getElementById('event-title').value;

    const date = document.getElementById('event-date').value;

    const time = document.getElementById('event-time').value;

    const description = document.getElementById('event-description').value;


    const eventItem = document.createElement('div');

    eventItem.classList.add('event-item');


    eventItem.innerHTML = `

        <h3>${title}</h3>

        <p><strong>Date:</strong> ${date}</p>

        <p><strong>Time:</strong> ${time}</p>

        <p>${description}</p>

    `;
    ;
```

```
timeline.appendChild(eventItem);
```

```
eventForm.reset();
```

```
});
```

```
rsvpForm.addEventListener('submit', function(event) {
```

```
    event.preventDefault(); // Prevent the form from refreshing the page
```

```
    const name = document.getElementById('rsvp-name').value;
```

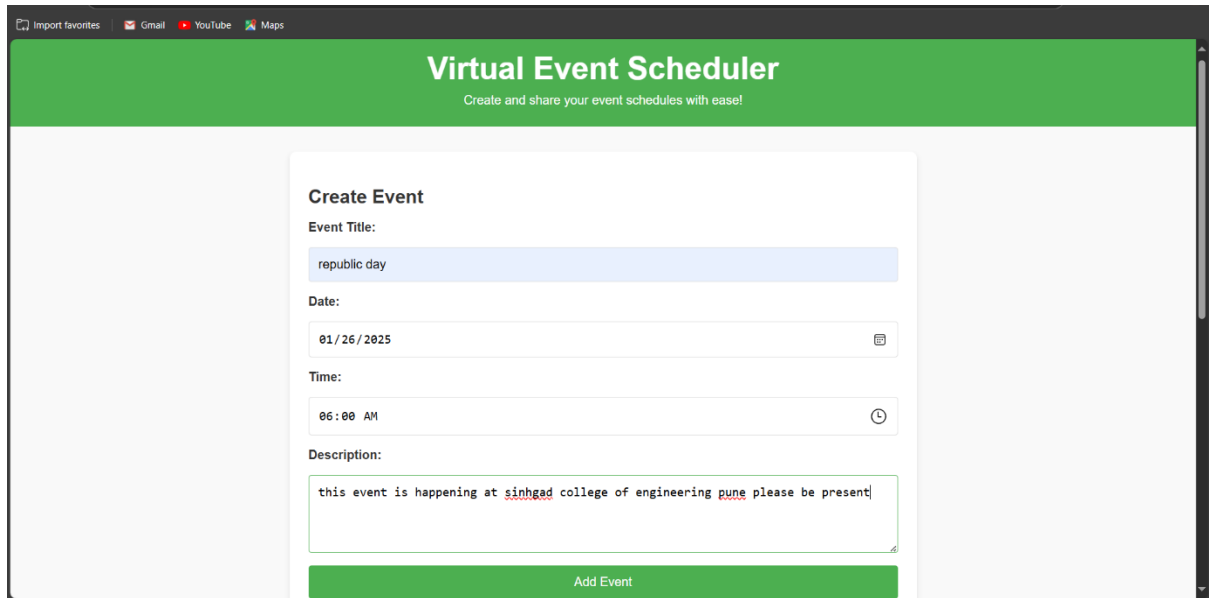
```
    const option = document.getElementById('rsvp-option').value;
```

```
    rsvpFeedback.innerHTML = `<p><strong>${name}</strong>, your RSVP has been  
recorded as: <strong>${option}</strong></p>`;
```

```
    rsvpForm.reset();
```

```
});
```

# Output



A screenshot of a web browser displaying the 'Virtual Event Scheduler' application. The browser's address bar shows 'Import favorites', 'Gmail', 'YouTube', and 'Maps'. The application has a green header with the title 'Virtual Event Scheduler' and the subtitle 'Create and share your event schedules with ease!'. The main content area is light gray and contains a white card titled 'Create Event'. This card has four input fields: 'Event Title' (containing 'republic day'), 'Date' (containing '01/26/2025'), 'Time' (containing '06:00 AM'), and 'Description' (containing 'this event is happening at sinhgad college of engineering pune please be present'). Each field has a small icon to its right. At the bottom of the card is a green button labeled 'Add Event'.

Virtual Event Scheduler

Create and share your event schedules with ease!

Create Event

Event Title:

republic day

Date:

01/26/2025

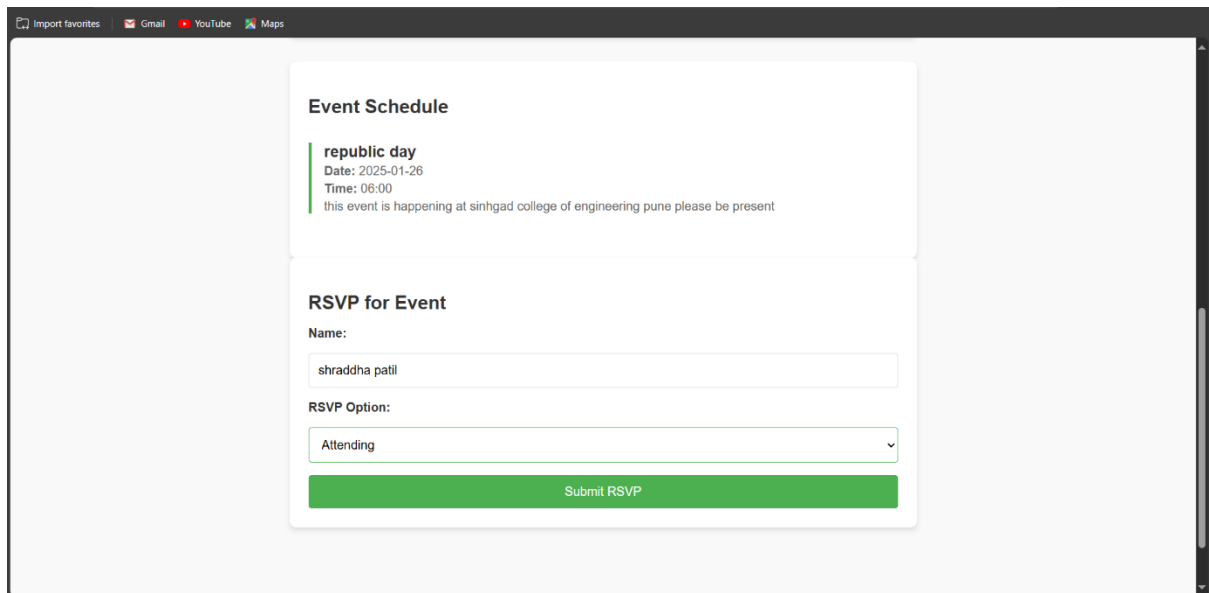
Time:

06:00 AM

Description:

this event is happening at sinhgad college of engineering pune please be present

Add Event



A screenshot of the same web browser showing the 'Event Schedule' and 'RSVP for Event' section. The 'Event Schedule' card displays the event details: 'republic day', 'Date: 2025-01-26', 'Time: 06:00', and the description 'this event is happening at sinhgad college of engineering pune please be present'. Below this is the 'RSVP for Event' card, which has a 'Name' field (containing 'shraddha patil'), an 'RSVP Option' dropdown menu (set to 'Attending'), and a green 'Submit RSVP' button at the bottom.

Event Schedule

republic day

Date: 2025-01-26

Time: 06:00

this event is happening at sinhgad college of engineering pune please be present

RSVP for Event

Name:

shraddha patil

RSVP Option:

Attending

Submit RSVP



Import favorites

Gmail

YouTube

Maps

republic day

Date: 2025-01-26

Time: 06:00

this event is happening at sinhgad college of engineering pune please be present

RSVP for Event

Name:

RSVP Option:

Attending

Submit RSVP

shraddha patil, your RSVP has been recorded as: attending

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