

# Event Management System - Project Report

## Title Page

- Student Name: Abdallah Wehbe
- Date: 23/11/2025
- Github link: <https://github.com/abdwehbe/event-management-system>

## Abstract

This project implements a basic Event Management System frontend using React and Bootstrap. The system allows users to create events, view event listings, and register for events.

## System Design

### Architecture

The application follows a component-based architecture with:

- **Page Components:** Individual pages for different sections
- **Reusable Components:** Shared UI components (Navbar, Footer, EventCard)

### State Management

- Local state using React useState hook
- Events data passed via props from App to Events component
- Form states managed within respective components

## Technologies Used

### Tools

- **React 19:** JavaScript library for building user interfaces
- **react-router-dom:** This is used for routing between pages.

### Styling

- **Bootstrap 5:** CSS framework for responsive design
- **Custom CSS:** Additional styling for specific components

## Code Snippets

### Event Creation Form

```
const handleCreateEvent = (e) => {

  e.preventDefault()

  const event = {

    ...newEvent,
    id: Date.now(),
    attendees: []
  }

  setEvents([...events, event])

  setNewEvent({ title: "", description: "", date: "", time: "", location: "" })

  setShowForm(false)
}

const handleRegister = (eventId) => {

  const updatedEvents = events.map(event => {

    if (event.id === eventId) {

      return {
        ...event,
        attendees: [...event.attendees, `Attendee${event.attendees.length + 1}`]
      }
    }

  })
}
```

```
        return event  
  
    })  
  
    setEvents(updatedEvents)  
  
}
```

## Setup Instructions Summary

1. Clone project: `git clone git@github.com:abdwehbe/event-management-system.git`
2. Run `npm install` to install dependencies
3. Run `npm run dev` to start the development server
4. The app will be available at `http://localhost:5173`

Screenshots:

## Events

Cancel

Create New Event

Event Title	Date
Test event	30/10/2025
Time	Location
08:45 AM	Nabatieh
Description	
Visit us!	

**Create Event**

No events available. Create your first one.

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## Contact Us

Name	Contact Information
abdalla Wehbe	Email: support@eventmanager.com
Email	Phone: +1 (555) 123-4567
abd@mail.com	Address: 123 University Ave, Campus City
Message	
Hello	

**Send Message**

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## Events

Create Event

Test event

Visit us

Date: 2025-10-30

Time: 08:45

Location: Nabatieh

Attendees: 6

Register

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localhost:5174

# Welcome to EventManager

Create Events

Easily create and manage your events

Register

Simple registration process for attendees

Manage

Track attendees and event details

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localhost:5174

# Welcome to EventManager

## Create Events

Easily create and manage your events

## Register

Simple registration process for attendees

## Manage

Track attendees and event details

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## About EventManager

### Our Mission

EventManager is designed to simplify event management for students. We provide a platform to create events and handle registrations.

### What We Do

- Event creation and management
- Attendee registration
- Event discovery

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## Our Services

### Event Creation

Create and publish events with basic details

### Registration System

Allow attendees to register for your events

### Event Discovery

Browse and find events that interest you

### Attendance Tracking

Track how many people registered for each event



## Events

Cancel

### Create New Event

Event Title

Date

 dd/mm/yyyy □

Time

 ---:--- --- ⌚

Location

Description

Create Event

Test event

--:-- --



Location

Description

Create Event

Please fill out t

## Test event

Visit us

**Date:** 2025-10-30

**Time:** 08:45

**Location:** Nabatieh

**Attendees:** 6

Register