

# 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.

## Contact Us

Name

abdalla Wehbe

Email

abd@mail.com

Message

Hello

Send Message

Contact Information

Email: support@eventmanager.com

Phone: +1 (555) 123-4567

Address: 123 University Ave, Campus City

Events

Create Event

Test event

Visit us

Date: 2025-10-30

Time: 08:45

Location: Nabatieh

Attendees: 6

Register

Welcome to EventManager

Create Events

Easily create and manage your events

Register

Simple registration process for attendees

Manage

Track attendees and event details

# Welcome to EventManager

Create Events

Easily create and manage your events

Register

Simple registration process for attendees

Manage

Track attendees and event details

## 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

## 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 the form

Test event

Visit us

Date: 2025-10-30

Time: 08:45

Location: Nabatieh

Attendees: 6

Register