

**COLLEGE CODE:[8223]**

**COLLEGE NAME: [vandayar engineering college ]**

**DEPARTMENT: [Computer science and engineering]**

**STUDENT NM-ID:**

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**ROLL NO:[822323104301]**

**DATE:[24.10.2025]**

**Completed the project named as**

**Phase-5**

**TECHNOLOGY PROJECT NAME: Event Scheduling App**

**SUBMITTED BY,**

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## **1.FINAL DEMO WALKTHROUGH**

- ❖ **Login page with username and password**
- ❖ **After login, Home page opens**
- ❖ **Add Event button to create new event**
- ❖ **Event details: name, date, time input fields**
- ❖ **Event saved and displayed in calendar**
- ❖ **View event details by clicking event**
- ❖ **Edit and Delete options available**
- ❖ **Notification appears at event time**
- ❖ **Event list page shows all events**

- ❖ User-friendly interface
- ❖ Works on both mobile and laptop

## 2. PROJECT REPORT

### Purpose

- ❖ To help users save and track important events
- ❖ To avoid forgetting important schedules
- ❖ To make daily planning easier

### Users

- ❖ Students: exam dates, assignments

- ❖ Office employees: meetings, deadlines
- ❖ Everyone for birthdays, bills etc.

## Tools Used

- ❖ Frontend: React / HTML / CSS
- ❖ Backend: Node.js / Firebase
- ❖ Database: MongoDB / Firestore
- ❖ Version control: GitHub

## Features

- ❖ User login and signup
- ❖ Add events with correct date and time
- ❖ Calendar view showing all events
- ❖ Notification reminder
- ❖ Edit and Delete events
- ❖ Clean and simple design

## Output

- ❖ Fully working event scheduling app
- ❖ Safe data storage

- ❖ Easy access at any time

## FUTURE ENHANCEMENTS

- ❖ Dark mode
- ❖ Share events with friends
- ❖ Voice input for adding events
- ❖ Google Calendar sync
- ❖ Location-based reminders

## 3. SCREENSHOTS / API DOCUMENTATION

- ❖ Screenshots to include

❖ **Login screen**

❖ **Home screen**

❖ **Add event screen**

❖ **Calendar screen**

❖ **Notification popup**

## **Event list**

❖ **API Routes (If Backend used)**

❖ **POST /signup – Create new user**

❖ **POST /login – User login**

❖ **GET /events – Show all events**

❖ **POST /events – Add event**

❖ **PUT /events/:id – Edit event**

❖ **DELETE /events/:id – Delete event**

## 4. CHALLENGES AND SOLUTIONS

➤ **Challenge      Description      Solution**

❖ **Notification delay      Reminder not coming correctly**

**Timer and timezone corrected**

❖ **Calendar UI issues      Mobile screen alignment**

**problem Flexible CSS and media queries used**

❖ **Slow data loading      Events showing late**

**Backend queries optimized**

❖ **Login errors      Wrong credentials handling**

**Proper validation added**

- ❖ Host deployment issues Errors in live server
- Environment settings updated

## 5. README & SETUP GUIDE

**README should contain:**

- ❖ Project Introduction
- ❖ Features list
- ❖ Tools and technologies used
- ❖ Steps to install and run:
  - ❖ git clone <repository link>
  - ❖ npm install
  - ❖ npm start

- ❖ (If available) Live hosted link

## 5. FINAL SUBMISSION CHECKLIST

- ❖ GitHub repository link
- ❖ Hosted working link (optional)
- ❖ 5 to 7 screenshots
- ❖ Documentation in PDF
- ❖ Demo video (2–3 minutes)