

**COLLEGE CODE:[8223]**

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

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

**STUDENT NM-ID:**

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**ROLL NO:[822323104004]**

**DATE:[24.10.2025]**

**Completed the project named as**

**Phase-5**

**TECHNOLOGY PROJECT NAME: Event Scheduling App**

**SUBMITTED BY,**

**NAME:[BHUVANESHWARI.M]**

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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)