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COLLEGE NAME: [vandayar engineering college]

DEPARTMENT: [Computer science and engineering]

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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)