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Department of Computer Engineering

A MINI PROJECT REPORT ON

College Event Management System

SUBMITTED BY

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DEPARTMENT OF COMPUTER ENGINEERING

Dr. D. Y. PATIL INSTITUTE OF TECHNOLOGY,

PIMPRI, PUNE

SAVITRIBAI PHULE PUNE UNIVERSITY

2024 -2025

CERTIFICATE

This is to certify that the project report entitled
"College Event Management System"

Submitted by

Miss. F Exam No **: T1902404344**

is a bonafide student of this institute and the work has been carried out by him under the supervision of **Prof. Pranal Kakde** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Computer Engineering.

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Place : Pune

Date :22/10/2024

DECLARATION OF THE STUDENT

I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources.

I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea / data / fact / source in my submission.

I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Mr. Mahadik Kedar Vinaykumar

T1902404344 Date:- 22/10/2024

ABSTRACT

The College Event Management System is a web-based application designed to streamline and automate the organization and management of various college events. This system aims to replace traditional, manual methods of event coordination, providing a more efficient and user-friendly solution for students, faculty, and event organizers. The application facilitates the entire lifecycle of an event, from event creation and registration to post-event feedback collection.

Key features of the system include user authentication, event scheduling, online registration, notifications, and a dashboard for event tracking. The system also allows administrators to manage event details, assign responsibilities, and monitor participation. Students can easily view upcoming events, register online, and receive updates via email or SMS.

Built using modern web technologies, the College Event Management System offers a responsive, mobile-friendly interface, ensuring accessibility across different devices. By reducing manual paperwork and enhancing communication, the system aims to improve the overall experience for all stakeholders involved in college events.

This project contributes to a more organized, efficient, and transparent process for event management, promoting increased student engagement and smoother event operations within academic institution

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1. Introduction

Managing college events, such as workshops, seminars, cultural fests, and sports competitions, often involves complex processes that require coordination among multiple stakeholders. Traditionally, event management relies on manual methods, including paperwork, face-to-face registrations, and communication through notices or word-of-mouth, which can be time-consuming and prone to errors.

The College Event Management System is developed to address these challenges by providing an efficient, automated solution for organizing and managing events within a college or university setting. This system allows event organizers to create and manage events, while students and

faculty can easily register, receive updates, and participate in various activities through an online platform.

With the increasing reliance on digital technologies in education, this web-based system leverages modern tools to streamline tasks such as event scheduling, participant management, and communication. The system not only simplifies the logistics but also enhances user experience by offering real-time updates, a user-friendly interface, and improved coordination between event organizers and attendees.

By implementing the College Event Management System, academic institutions can foster greater participation, improve event visibility, and ensure smoother execution of events, ultimately contributing to a more vibrant and engaging campus life.

•Objective

The primary objective of the **College Event Management System (CEMS)** is to provide an efficient, user-friendly platform for managing and organizing college events. Key objectives include:

1. **Automate Event Management Tasks**: Streamline and automate routine tasks such as event creation, participant registration, scheduling, and feedback collection to reduce manual effort and errors.
2. **Centralized Event Management**: Create a centralized platform that holds comprehensive information about events, including event details, schedules, participant data, and logistics, making it easily accessible to authorized users.
3. **Improve Communication**: Facilitate better communication between event organizers, students, and faculty by providing a platform to share updates, notifications, and event information quickly and efficiently.
4. **Enhance Data Security**: Ensure the security and privacy of event-related data by providing controlled access to sensitive information, reducing the risk of unauthorized access and data breaches.
5. **Increase Efficiency**: Optimize the overall functioning of event management processes, resulting in increased productivity, faster decision-making, and a reduction in administrative overheads.

2. **Software Requirements Specification /Methodology**

Software Requirements:

• Operating System: Windows 11

• Software: jdk 1.6, notepad, MS office, MS access.

Hardware Requirements:

• Processor: AMD A9-9420 RADEON R5, 5 COMPUTER CORES 2C+3G 3.00GHz

• RAM : 4 GB

IMPLEMENTATION AND RESULT

Following are the screens of the College Event Management System where you can see all the features of this system in use and you can also see the GUI of the system:

1. **Login frame –** This is the login fra me of this system where Student have to enter the required credentials to have access for the main dashboard.

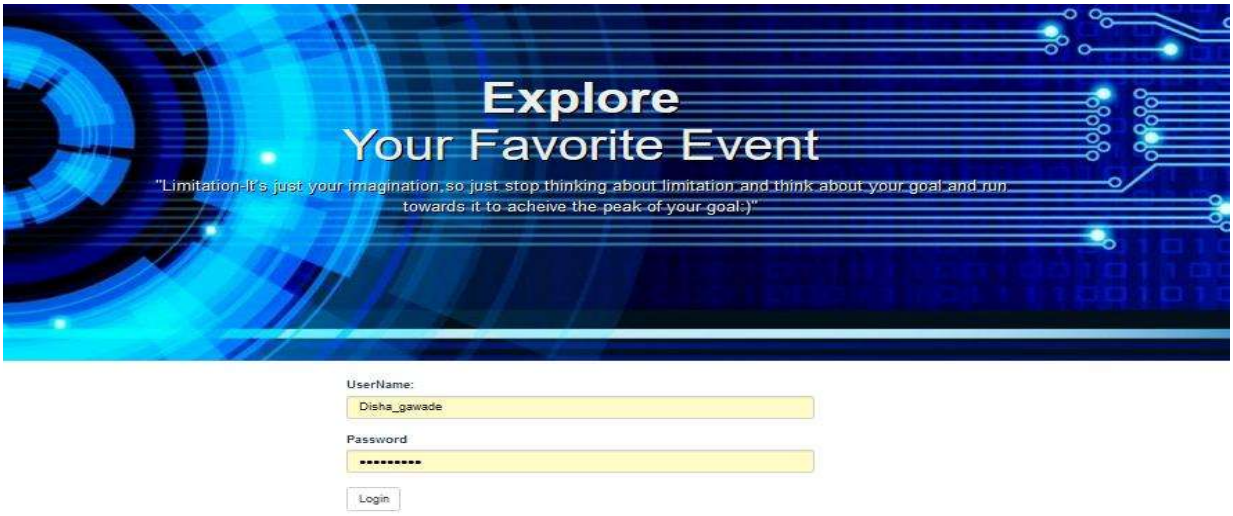


Fig. 1

2. **Main Dashboard –** After login in, user is directed to the main dashboard of this system where user can perform various operations like adding an Students, deleting an Students

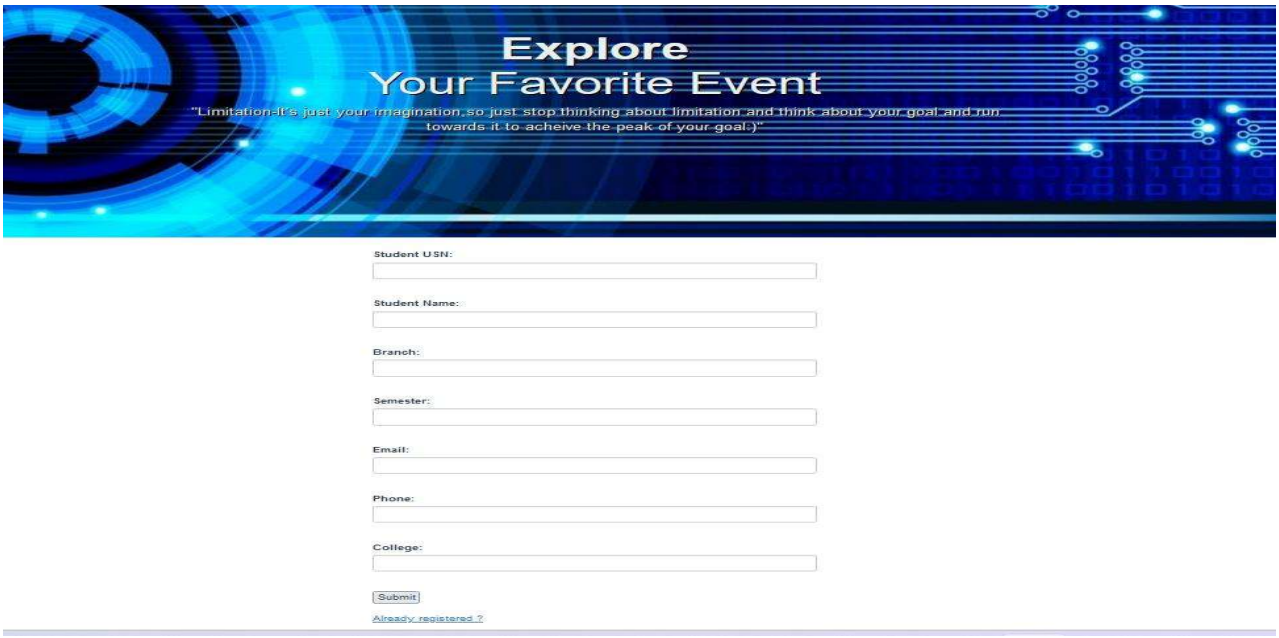
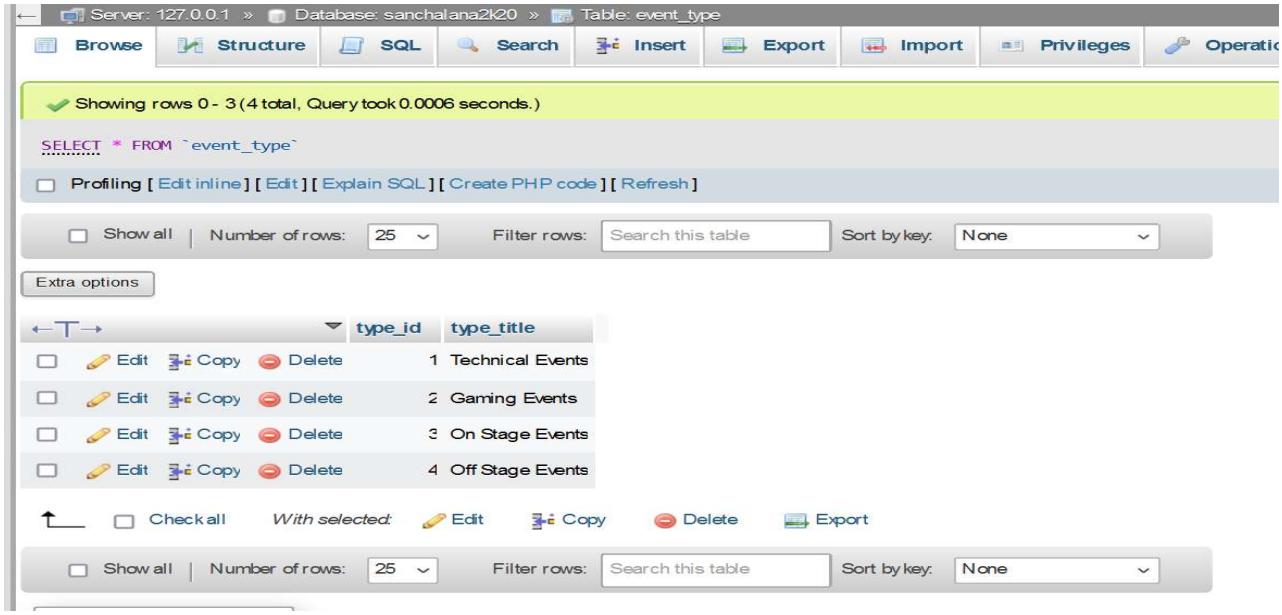


Fig. 2

3. Add student – Here user have to enter all the required credentials to add a new employee to the system

Fig. 3



4. Remove student – User has to enter the student id in order to delete his information from the system.

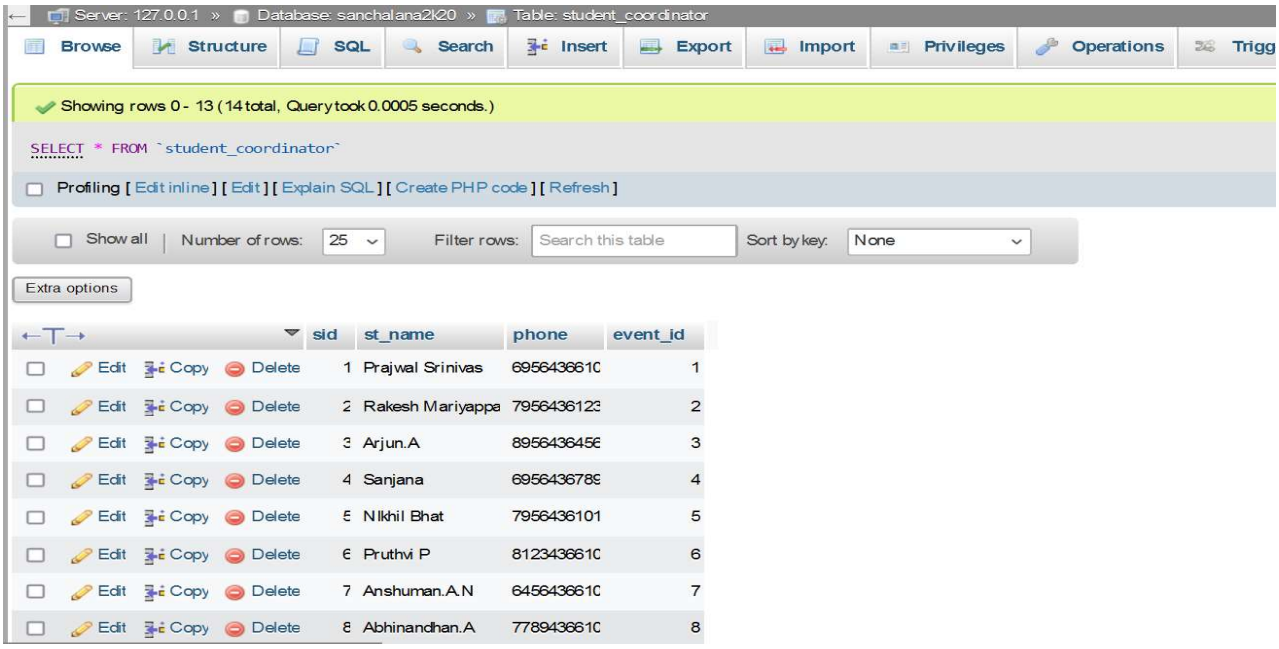
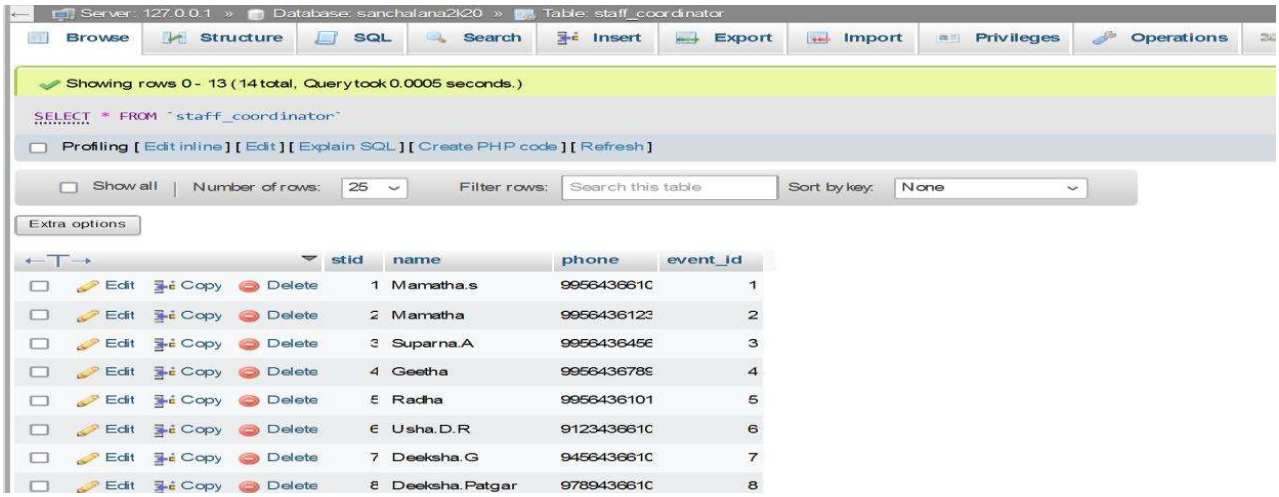
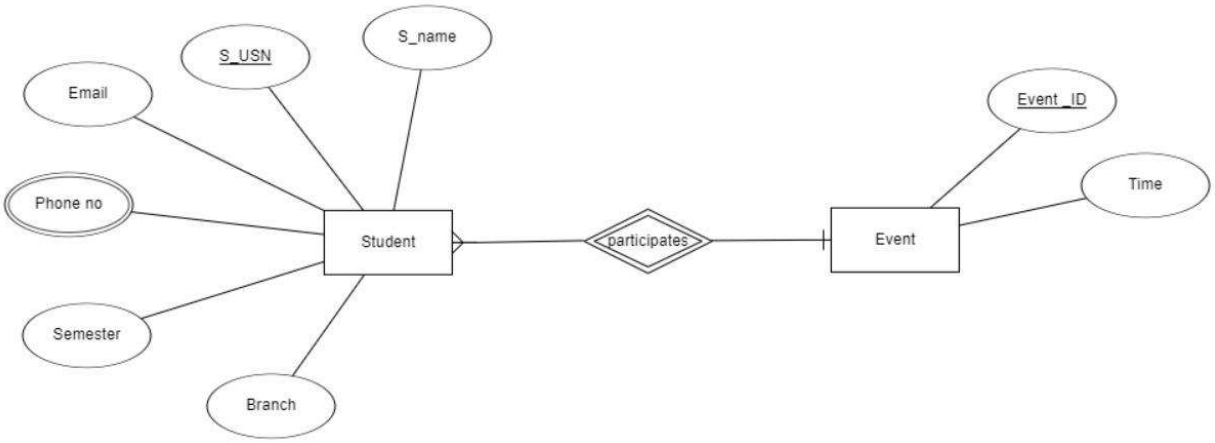


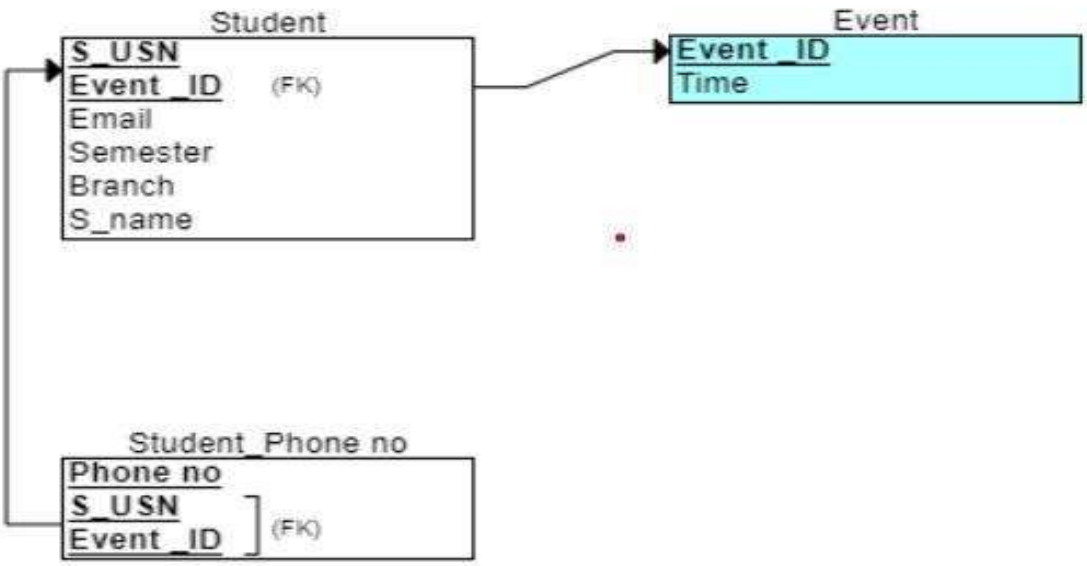
Fig. 4

5. View and update student – In order to view and update employee information, the user have to enter student ID.



3. ER DIAGRAM:-





1. RESULTS:-

4.1 OUTCOMES:

Student USN:

Student Name:

Branch:

Semester:

Email:

Phone:

College:

Submit

Already registered ?

UserName:

Disha_gawade

Password

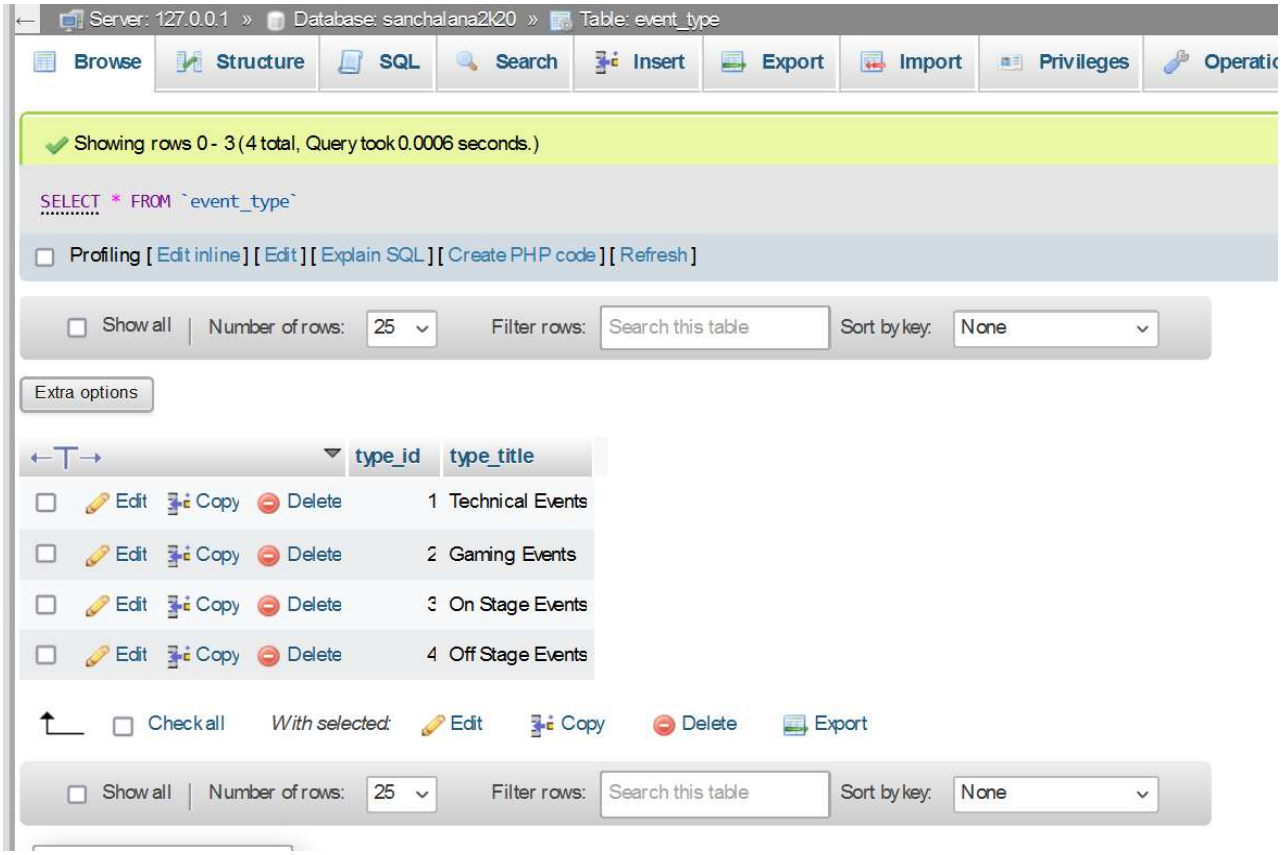
Login

Register your Favourite events:

Technical Events

EMBRACE YOUR TECHNICAL SKILLS BY PARTICIPATING IN OUR DIFFERENT TECHNICAL EVENTS!

View Technical Events



Browse | Structure | SQL | Search | Insert

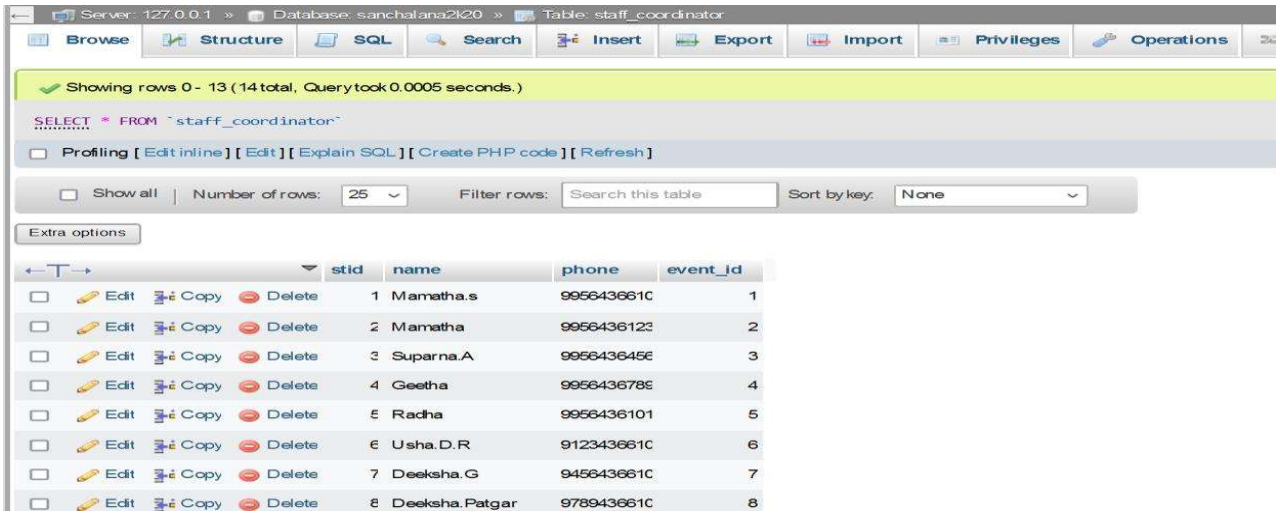
Showing rows 0 - 13 (14 total, Query took 0.0018 seconds.)

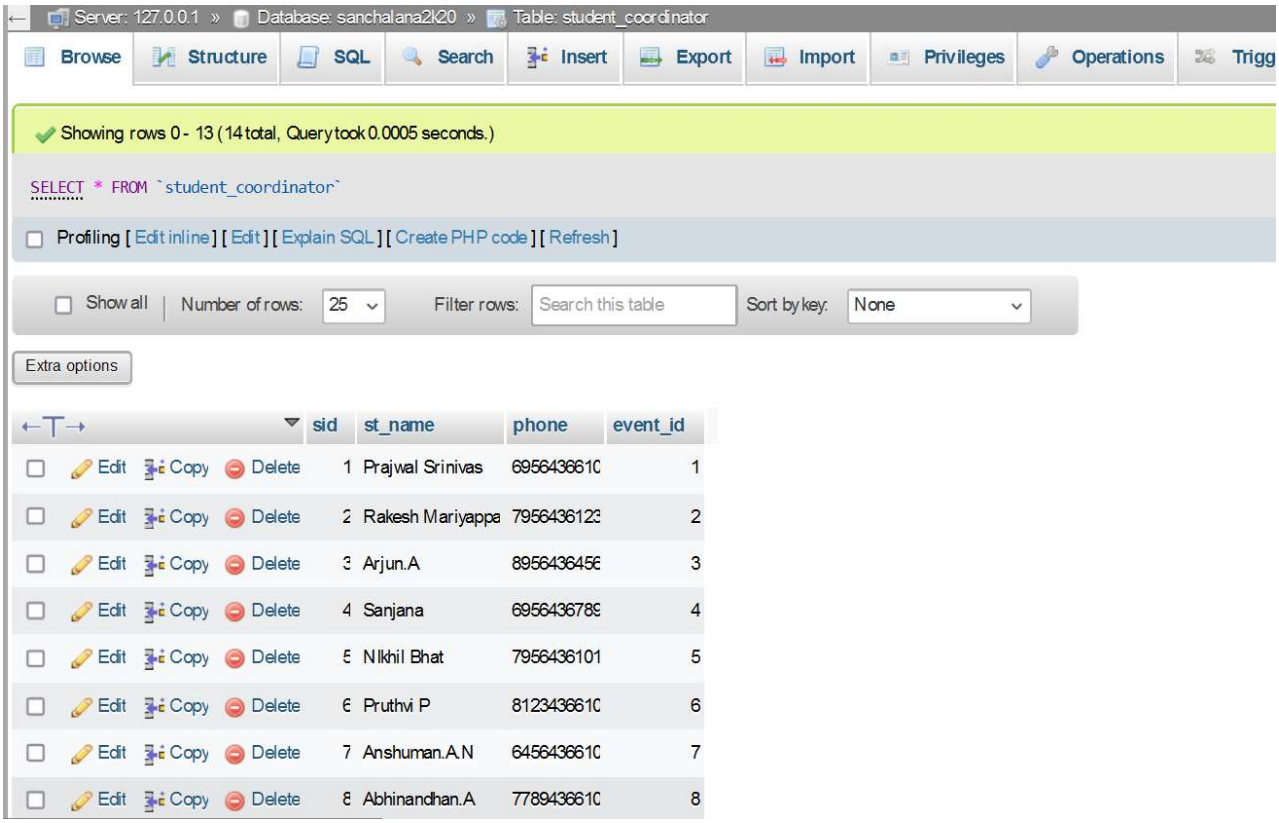
```
SELECT * FROM `event_info`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

Extra options





2. Conclusion

- **College Event Management System** is helpful in performing paperless work and managing all data related to college events.
- It provides easy, accurate, unambiguous, and faster access to event information.
- It offers a user-friendly, error-free environment to manage large volumes of event-related data.
- The application provides appropriate information to users based on their role, such as event organizers, participants, or administrators.
- **College Event Management System** can be used by educational institutions to efficiently manage their event schedules, registrations, and communications.

Future Scope

1. The **College Event Management System (CEMS)** has significant potential for growth and improvement to further enhance the event organization experience for institutions, organizers, participants, and administrators. Some areas of future scope include:

2. **AI and Machine Learning Integration**: The integration of AI and machine learning could enable predictive analytics to analyze event participation trends, recommend personalized event suggestions to students, and optimize event planning by predicting the success or popularity of certain types of events.
3. **Mobile Application Development**: Expanding the system into mobile applications for students, organizers, and administrators would improve accessibility and convenience, allowing stakeholders to manage events, register, and receive notifications from anywhere at any time.
4. **Cloud-based Solutions**: Implementing cloud-based CEMS will make it easier for institutions to scale their event management operations, handle larger data volumes, and ensure data availability and backup without relying on complex in-house IT infrastructure.
5. **Integration with Learning Management Systems (LMS)**: Seamless integration with Learning Management Systems can allow real-time synchronization of event schedules with academic calendars, making it easier to balance academic commitments and extracurricular activities, and track student engagement across different platforms.

References:

Reference books and websites used during the entire project……..

Reference book	Author
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2) Advance Java Programming.	-Dr.Meenakshi A. Thalor

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II. https://www.cwipedia.in/2020/12/22517-notes-pdf-ajp-msbte.html