EVENT MANAGEMENT

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PROBLEM STATEMENT	Currently, manual event registration is inefficient and leads to data loss and long approval delays.
PROBLEM SOLUTION	We propose a centralized, automated web application for real-time event registration and admin approval.
FLOWCHART	The process diagram illustrates the user login, registration, admin approval, and final database update sequence
ER DIAGRAM	This model visually defines the entities and relationships, such as Users, Events, and Registrations, within the system.
RELATIONAL SCHEMA	This section details the tables, attributes, and primary/foreign keys used to structure the event database
APPLICATION	We will demonstrate the functional prototype, showcasing user sign-up, event browsing, and the admin dashboard.
ANALYSIS	The final section covers the system's performance, scalability, and user feedback gathered during testing.
CONCLUSION	Summarizes the project's success in automating event registration and meeting all requirements.
FUTURE SCOPE	Outlines potential enhancements, such as integrated payment processing and mobile app development.

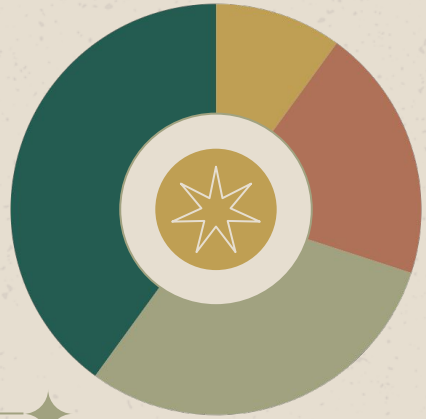
PROBLEM STATEMENT

STORAGE

To design a database system that stores and manages event-related information efficiently

SECURITY

To ensure data consistency integrity, and security across all modules



SCHEDULING

Events clash due to lack of a centralized timetable

LOGISTICS

Tracking venues, equipment, and resources becomes confusing

PROBLEM SOLUTION

CENTRALISED EVENT DATABASE	Implement a unified database to store all event details teams, schedules, venues, registrations. Ensures quick access, easy updates, and zero data duplication.
SMART TIMETABLE SYSTEM	Automated schedule generation to prevent event clashes.Real-time updates allow coordinators to modify timings instantly.
PROTECTED ACCESS SYSTEM	Data encryption + controlled permissions ensure integrity and secure handling of sensitive information. Role-based login for students
RESOURCE TRACKING MODULE	Dashboard to track venues, equipment, and requirements for each event.Ensures clear visibility of available and allocated resources.

FLOWCHART

User (student /admin) logs in

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Views Events

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Register for event

↓

Admin approves

↓

Confirmation

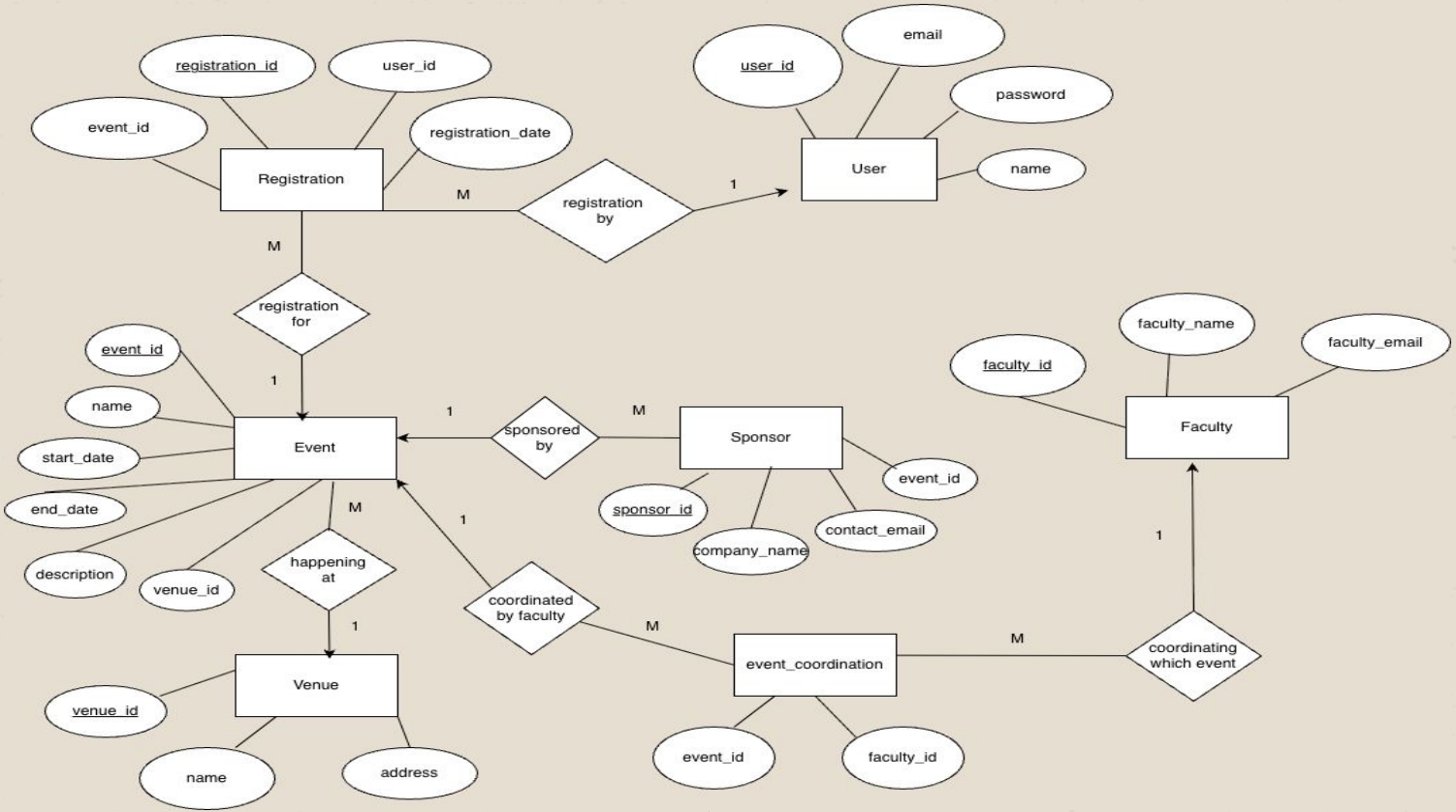
↓

Event database updated






ER Diagram


registration_id
user_id
event_id
registration_date
Registration
M
registration by
1
User
email
user_id
password
name
M
registration for
1
event_id
name
start_date
end_date
description
venue_id
Event
1
sponsored by
M
Sponsor
event_id
sponsor_id
company_name
contact_email
M
happening at
1
1
coordinated by faculty
M
event_coordination
M
coordinating which event
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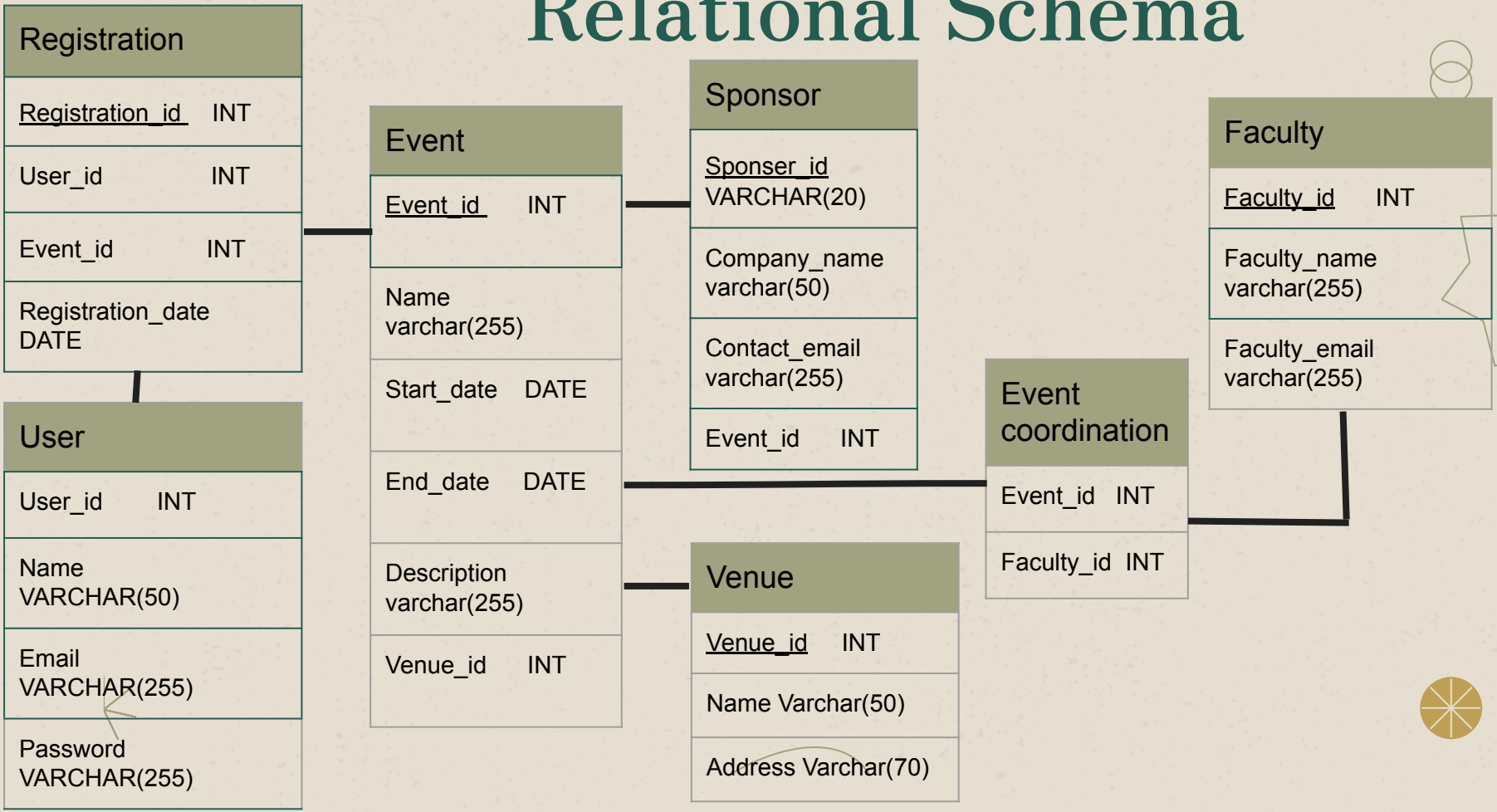
faculty_email
faculty_id
Faculty
Venue
venue_id
name
address
event_id
faculty_id

Relational Schema



APPLICATION

- Implemented in college/university campuses to coordinate academic, cultural, and technical events.
- Allows departments to publish details of upcoming events, especially during technical fests.
- Enables students to register online without manual paperwork.
- Sends real-time notifications for updates, changes, or new events.
- Provides a unified calendar for students to track all event schedules in one place.

ANALYSIS

Automation

Reduced paperwork and manual errors ,reduces human mistakes .

Internet

Requires stable internet and server availability

Communication

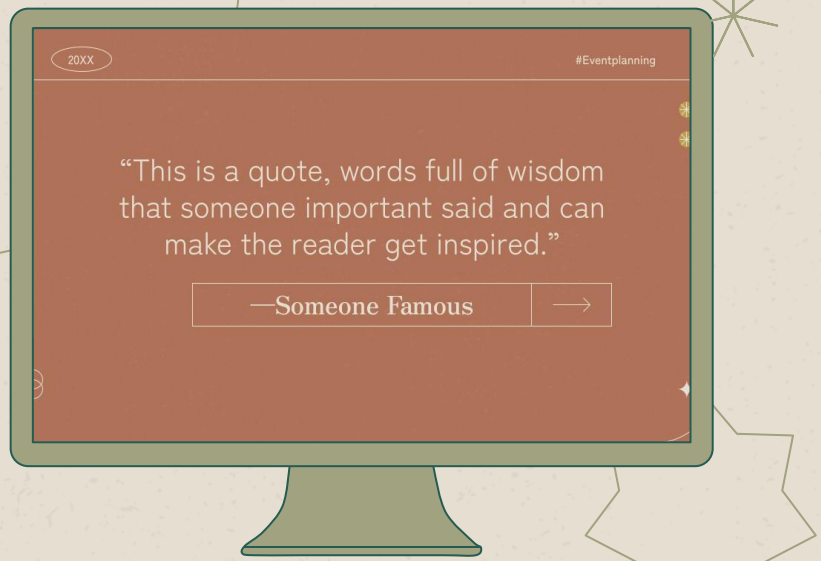
Faster communication between students and faculty.

Transparency

It creates a clear and trustworthy workflow for every stage of the event.

CONCLUSION

- The system successfully manages all aspects of college events.
- It provides a secure and organized platform for all stakeholders.
- It demonstrates efficient use of database design principles and CRUD operations.
- Overall, it enhances efficiency and collaboration in college event organization.



THANK YOU