GOVERNMENT ARTS COLLEGE, OOTY

DEPARTMENT OF PHYSICS

MENTOR: Dr.S.Venkateshwari

Team lead: Dharsini.C

Team member 1: Mageshwari.s

Team member 2: Deepika.G

Team member 3: Kanchana.P

BUILD AN EVENT MANAGEMENT SYSTEM

1.INTRODUCTION

1.1 OVERVIEW

An event management system is a software application that helps event organizers plan, organize, and execute events of all types and sizes. The system can automate many of the tasks involved in event planning, including venue selection, registration management, ticketing, payment processing, marketing, and reporting.

The key features of an event management system can vary depending on the specific needs of the event and the organizer. However, most systems include

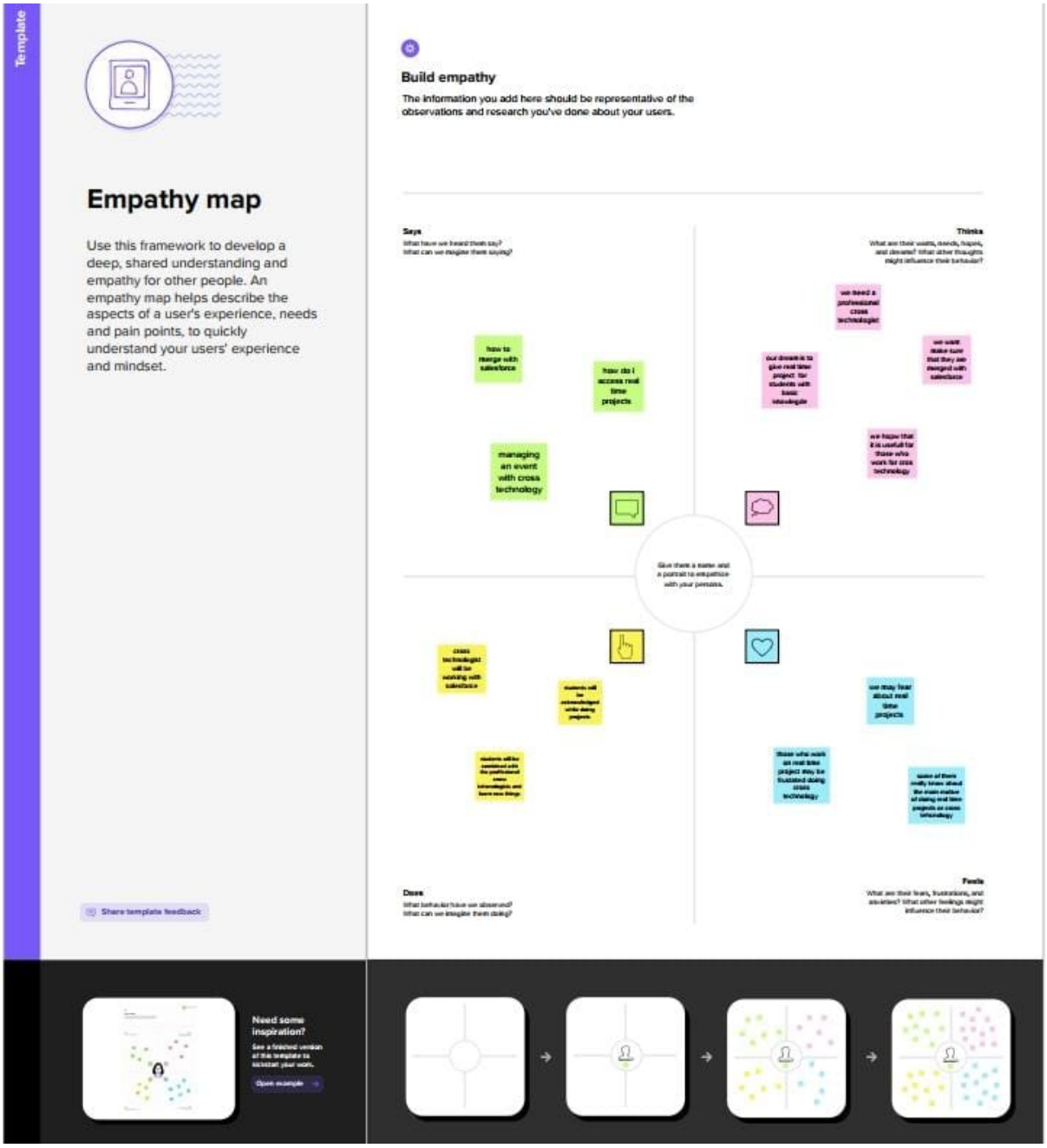
1.2 PURPOSE

The purpose of an event management system is to streamline and automate the process of planning, organizing, and executing events of all types and sizes. The system can help event organizers manage various tasks, including venue selection, registration management, ticketing, payment processing, marketing, and reporting.

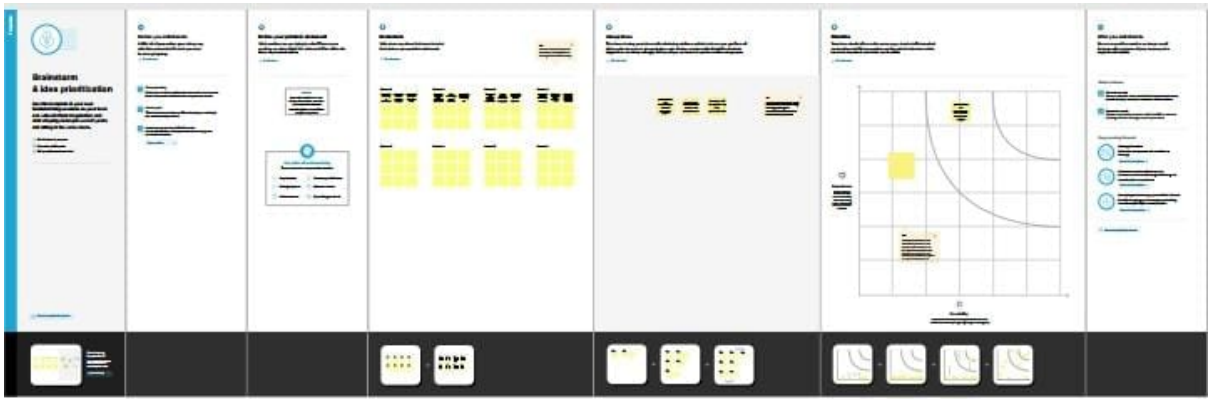
The key purpose of an event management system is to simplify the complex process of event planning and execution. By automating many of the tasks involved in event management, the system can save time, reduce costs, and improve the overall attendee experience. Some of the key benefits of an event management system

2 PROBLEM DEFINITION & DESIGN THINKING

2.1: EMPATHY MAP



2.2 IDEATION & BRAINSTORMING MAP



3 RESULT

3.1 DATA MODEL

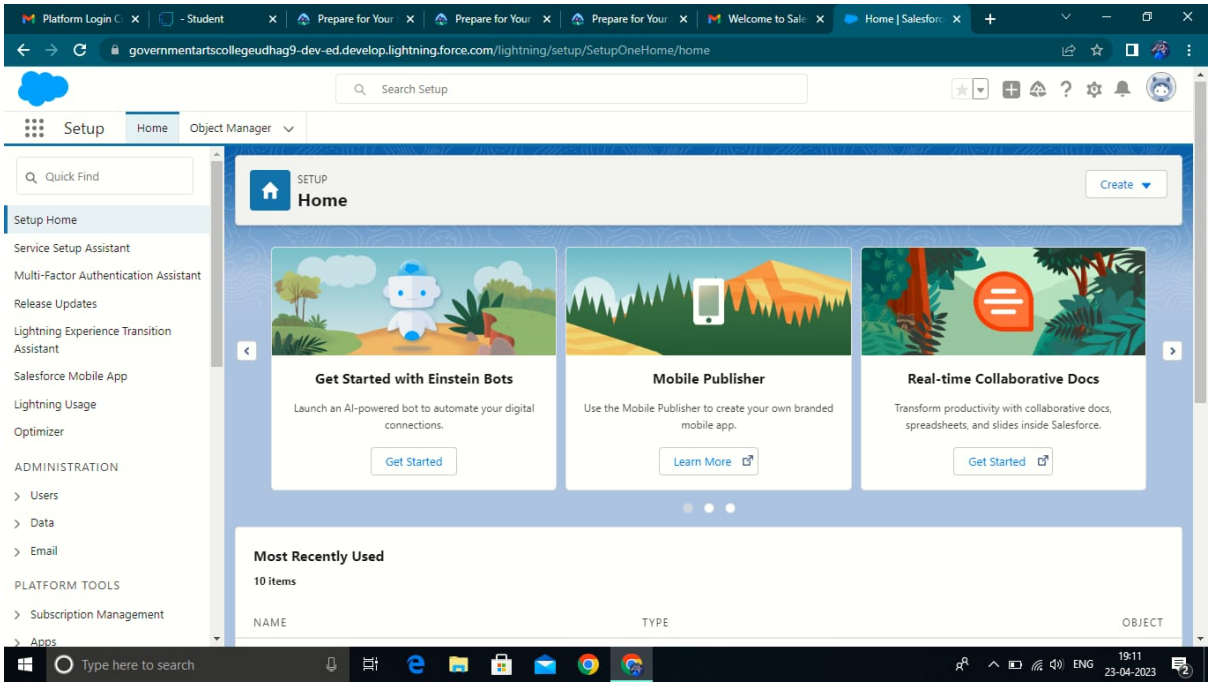
OBJECT	FIELDS IN	THE OBJECT
	FIELD LABEL	DATA TYPE
1.EVENTS	ENTER CITY	TEXT
2.ATTENDEES	ID	AUTO NUMBER
	PHONE	PHONE
	EMAIL	EMAIL
	TICKET	PICKLIST
3.SPEAKER	BIO	TEXT AREA
	EMAIL	EMAIL
4.VENDORS	EMAIL	EMAIL
	PHONE	PHONE
	ENTER SERVICE PROVIDER	TEXT
	EVENTS NAME	LOOKUP RELATIONSHIP

3.2 ACTIVITY & SCREENSHOTS:

Milestone 1: creation of developer account

Description:

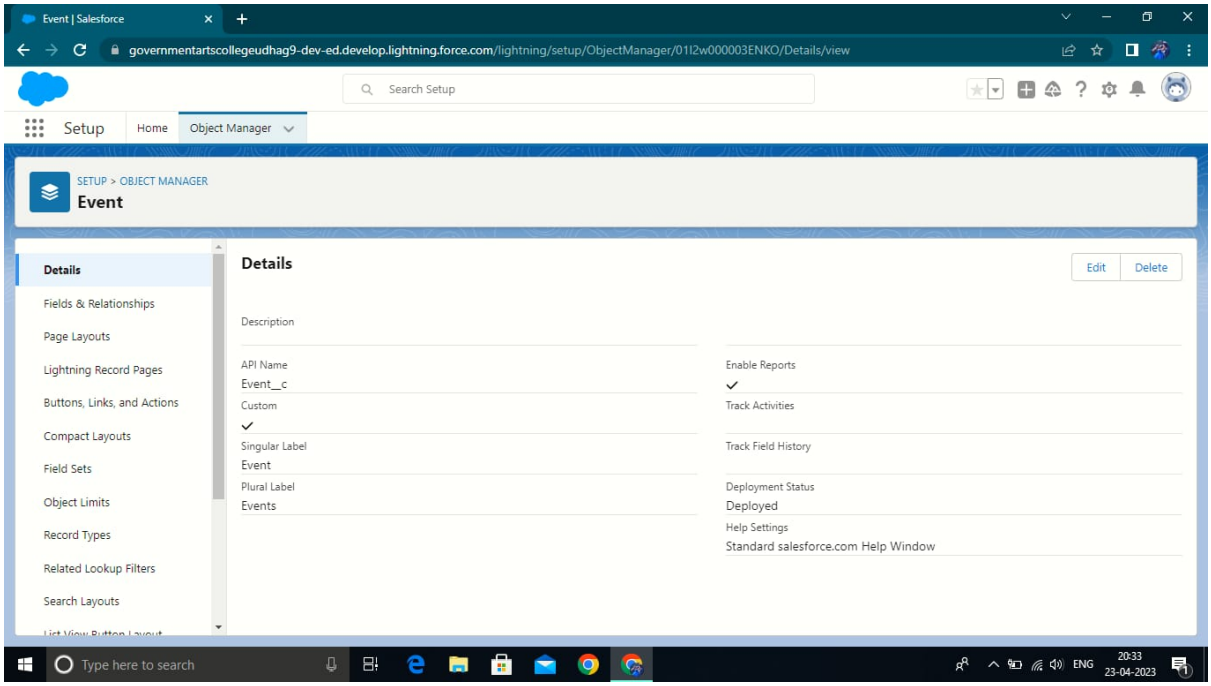
We had created a developer account and verified it for the salesforce project



Milestone 2: object

Description:

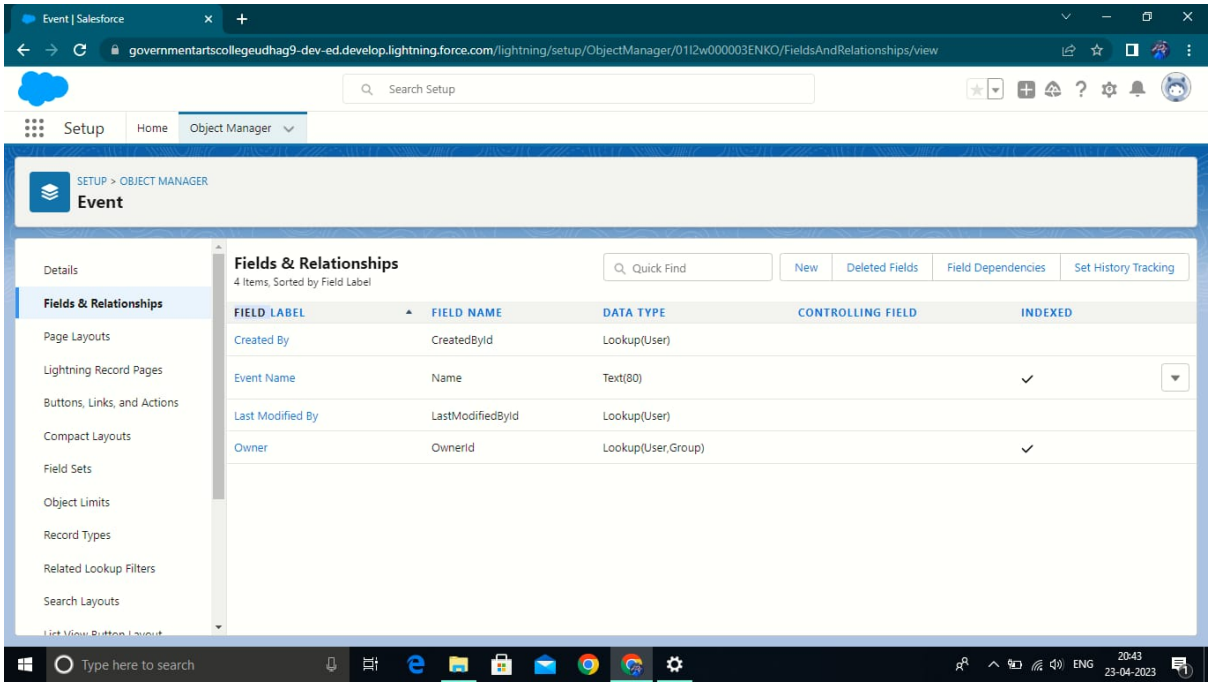
Created a custom object as event



Milestone 3: fields

Description:

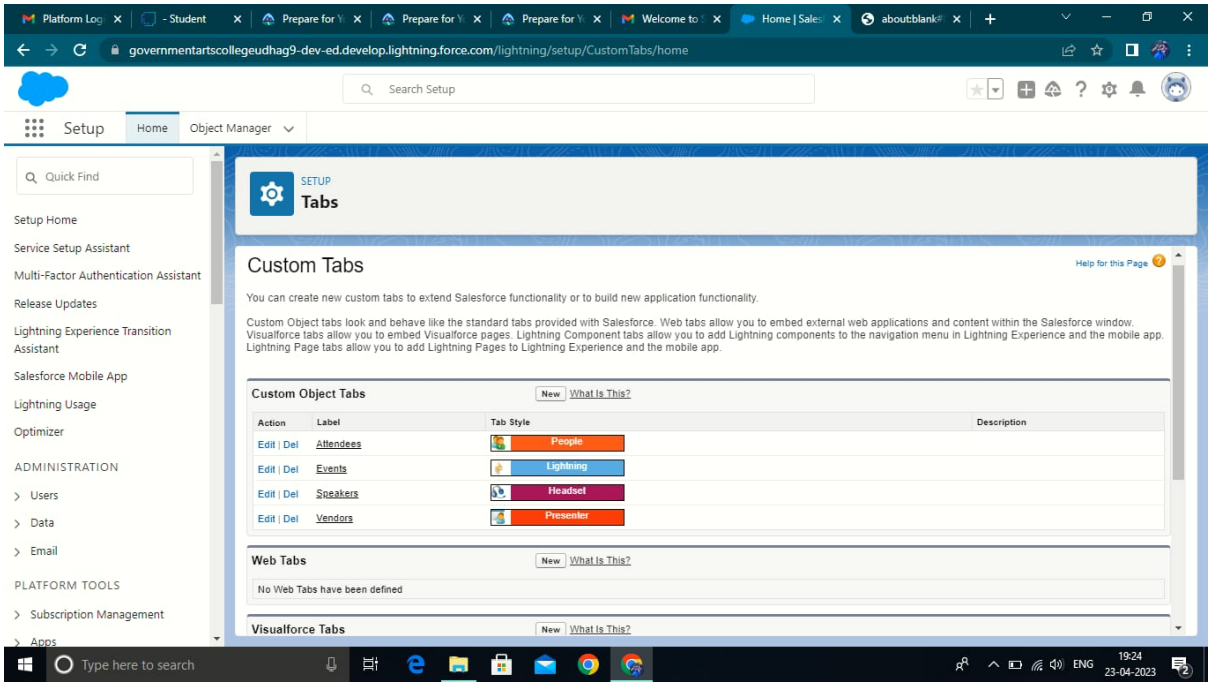
Created a custom field and created a enter city data as text



Milestone 4: tabs

Description:

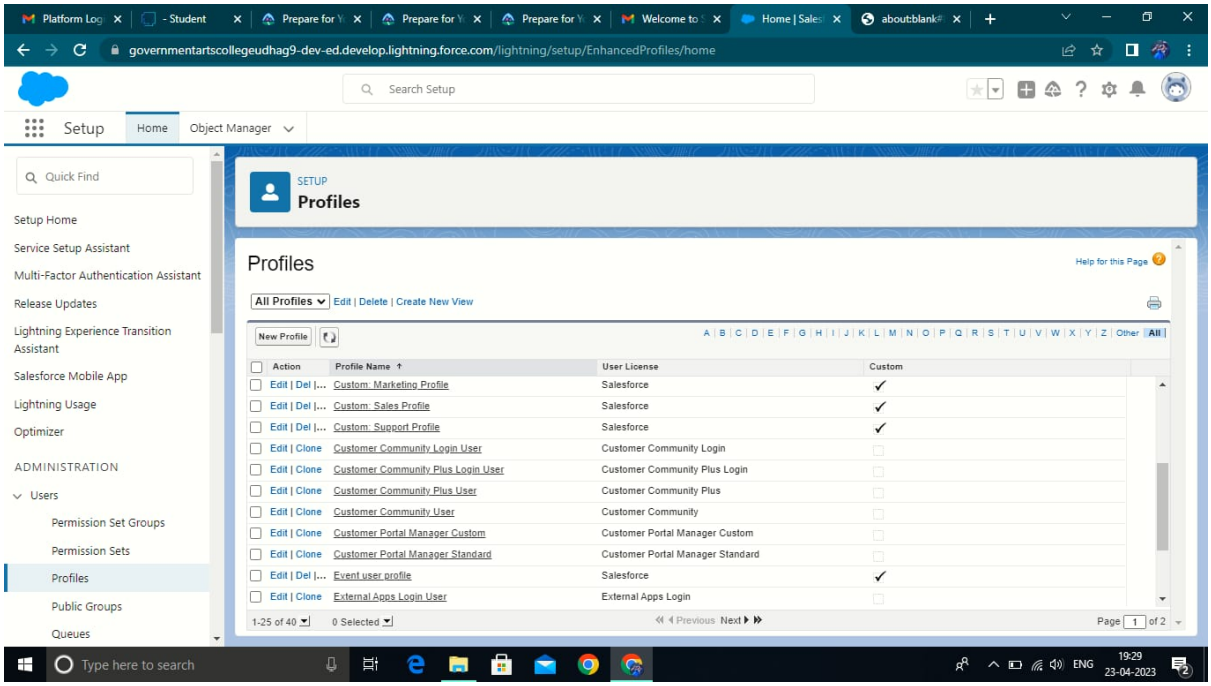
Created a tab for event



Milestone 5: profile

Description:

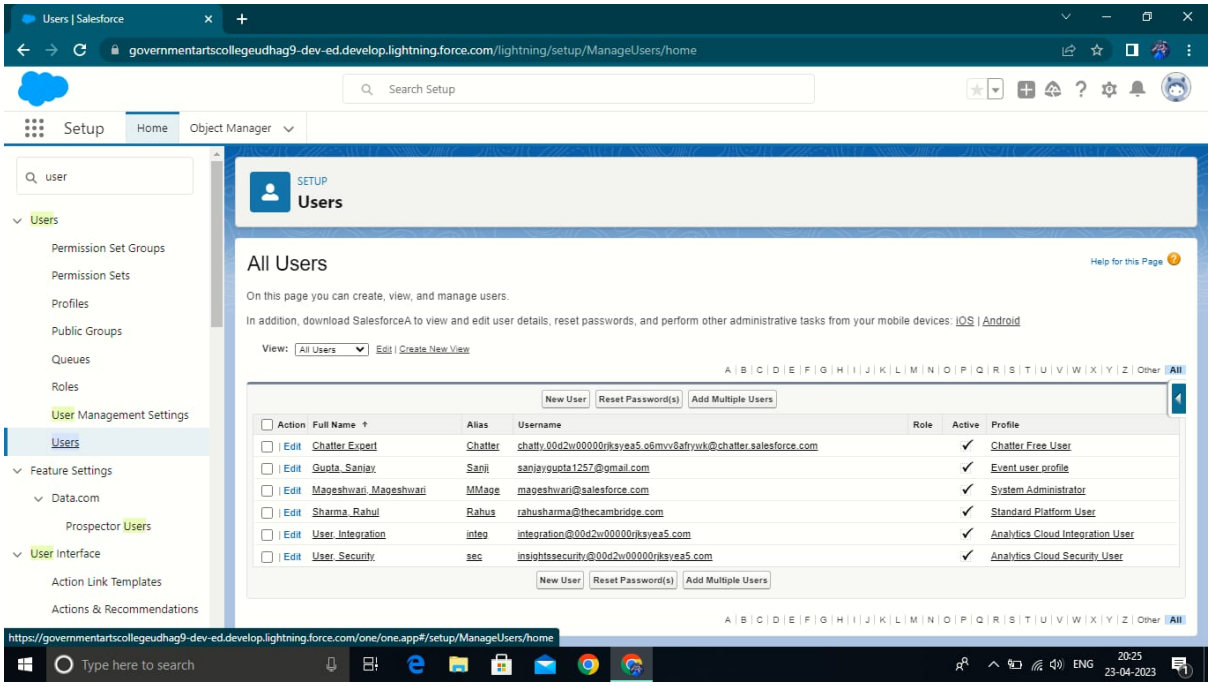
Created a custom profile for event



Milestone 6: users

Description:

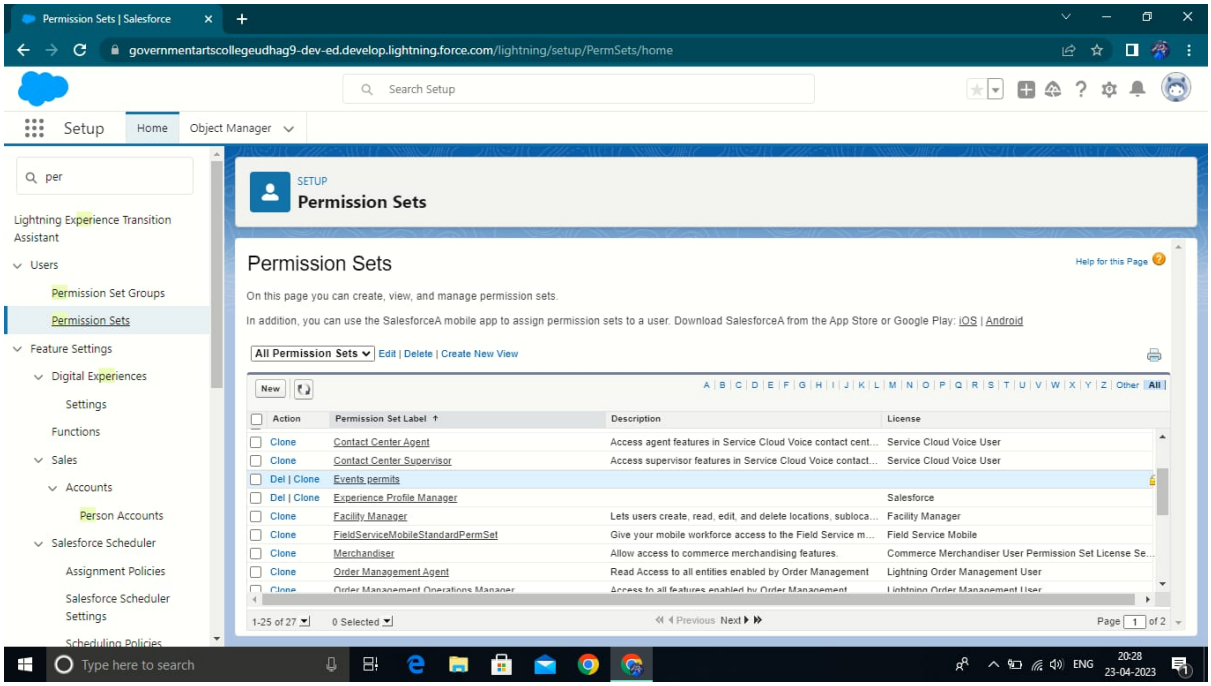
Created a user as Sanjay gupta, Rahul Sharma



Milestone 7: permission set

Description:

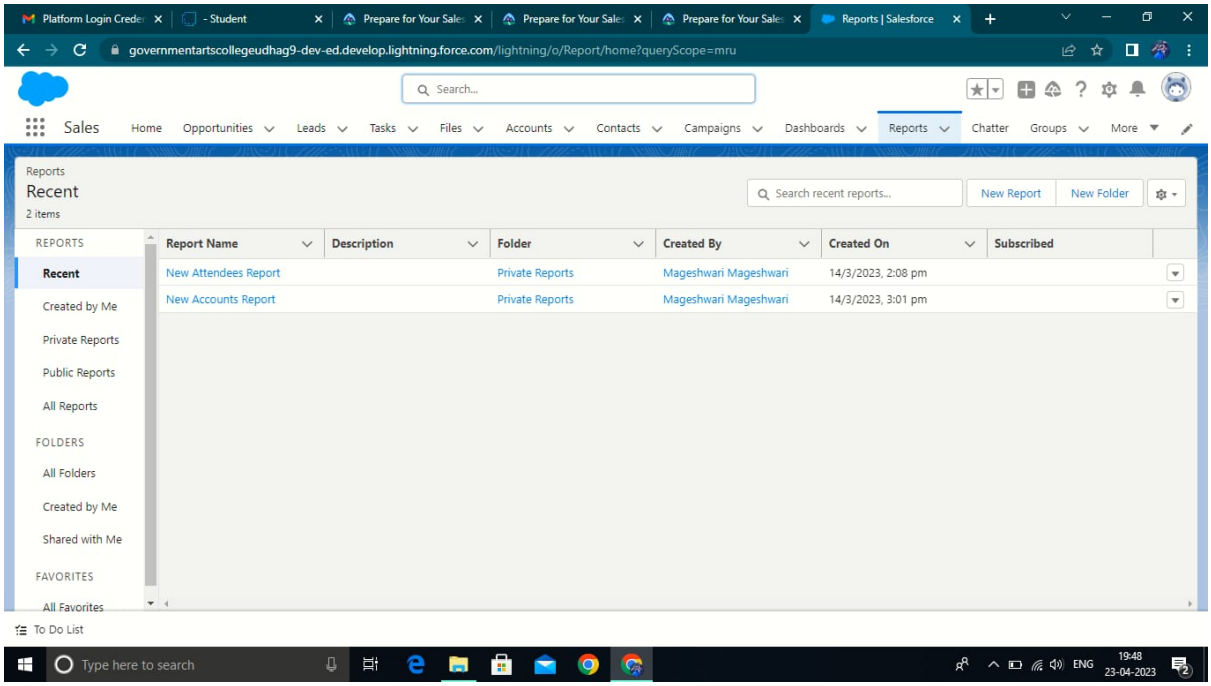
Created a permission set for event



Milestone 8: reports

Description:

Created a report using object event,attendees,speakers and vendors



4 TRAILHEAD PROFILE URL:

Team lead(Dharsini.C): https://trailblazer.me/id/ddharsni

Team member 1(Mageshwari.s): https://trailblazer.me/id/mmageshwari3

Team member 2(Deepika.G): https://trailblazer.me/id/ddeepika34

Team member 3(Kanchana.P): https://trailblazer.me/id/kkanchana8

5.1 ADVANTAGES OF BUILD AN EVENT MANAGEMENT SYSTEM

An event management system offers several advantages, including:

Increased efficiency: With an event management system, organizers can automate many of the tasks associated with event planning, such as sending invitations, managing registrations, and tracking attendance. This can save time and increase efficiency, allowing organizers to focus on other aspects of the event.

Improved communication: An event management system can provide a centralized platform for communicating with attendees, such as sending reminders, updates, and notifications. This can help ensure that attendees have all the information they need and can help reduce the likelihood of misunderstandings or confusion.

Better organization: An event management system can provide organizers with a centralized platform for managing all aspects of the event, from scheduling and logistics to ticketing and payments. This

can help ensure that everything is organized and streamlined, reducing the likelihood of errors or oversights.

Enhanced attendee experience: By providing attendees with a more streamlined and personalized experience, an event management system can help enhance attendee satisfaction and engagement. This can help increase attendance rates and improve the overall success of the event.

Improved analytics and reporting: An event management system can provide organizers with valuable data and insights about the event, such as attendance rates, engagement metrics, and revenue. This can help organizers identify areas for improvement and make data-driven decisions to optimize future events.

Flexibility: An event management system can be customized to meet the specific needs of different events, from large conferences to small networking events. This can help ensure that organizers have the flexibility they need to plan successful events regardless of the size or scope.

Overall, an event management system offers several advantages that can help organizers plan and execute successful events with greater efficiency, organization, and attendee satisfaction.

5.2 DISADVANTAGE OF BUILD AN EVENT MANAGEMENT SYSTEM

While event management systems can bring many benefits to event organizers, there are also some potential disadvantages to consider:

Cost: Building and maintaining an event management system can be expensive, particularly if you are developing a custom solution. There may be ongoing costs associated with hosting, maintenance, and support.

Technical complexity: Event management systems can be technically complex, requiring expertise in areas like software development, database management, and user interface design. This can make it challenging for small organizations to develop and maintain a system in-house.

User adoption: Event management systems are only useful if they are adopted by event organizers and attendees. If the system is difficult to use or doesn't meet the needs of its users, it may not be widely adopted, rendering it ineffective.

Integration with other systems: Event management systems may need to integrate with other systems, such as payment gateways, email marketing platforms, and CRM systems. Ensuring seamless integration can be a complex and time-consuming process.

Security concerns: Event management systems may collect and store sensitive information, such as attendee names, contact details, and payment information. This makes them potential targets for cyber attacks, so ensuring adequate security measures are in place is crucial.

Dependence on technology: Event management systems rely heavily on technology, which can be prone to failures and downtime. This can result in disruptions to event registration and management processes, leading to frustration and dissatisfaction among attendees and organizers.

APPLICATIONS

An event management system can be used in various contexts, including corporate events, conferences, trade shows, festivals, sports events, and more. Here are some examples of how an event management system can be applied in different scenarios:

Corporate events: An event management system can be used to manage corporate events, such as product launches, employee training sessions, and company meetings. The system can handle tasks like venue booking, attendee registration, catering, and event scheduling.

Conferences: An event management system can help conference organizers manage multiple sessions, speakers, and attendees. The system can handle tasks like speaker management, session scheduling, registration, and payment processing.

Trade shows: An event management system can be used to manage trade shows, including exhibitor management, booth assignments, lead tracking, and attendee registration.

Festivals: An event management system can help festival organizers manage multiple events, stages, and attendees. The system can handle tasks like artist management, scheduling, ticket sales, and crowd management.

Sports events: An event management system can help sports event organizers manage ticket sales, venue logistics, and spectator engagement. The system can handle tasks like ticketing, stadium seating, security, and concessions.

Overall, an event management system can be used in any context where there is a need to manage and coordinate multiple tasks and stakeholders. The system can streamline event planning, increase efficiency, and improve the attendee experience.

CONCLUSION

In conclusion, an event management system is a powerful tool for streamlining event planning and ensuring that events run smoothly. Building such a system requires a solid understanding of the event planning process and the needs of stakeholders, along with a focus on usability, reliability, and scalability. Thank you for watching our video on building an event management system.

FUTURE SCOPE

The future scope of an event management system is promising, as technology continues to evolve and the events industry grows. Here are some potential areas for future development and growth:

Virtual and hybrid events: With the rise of remote work and digital events, there is a growing demand for virtual and hybrid events that can be accessed from anywhere in the world. An event management system that can seamlessly integrate with virtual event platforms and manage both in-person and virtual events could be a valuable asset.

Artificial intelligence and machine learning: By incorporating artificial intelligence and machine learning algorithms, an event management system could be optimized to provide more personalized and targeted experiences for attendees. AI-powered chatbots could also be used to provide quick and efficient customer service during events.

Integration with smart devices: The rise of smart devices such as wearables and smart home devices presents an opportunity for event management systems to integrate with these devices, providing a more immersive and interactive event experience for attendees.

Sustainability and eco-friendliness: With increasing concerns about the impact of events on the environment, an event management system that includes sustainability features such as carbon footprint tracking and waste reduction could become a valuable asset.

Augmented reality and virtual reality: By incorporating augmented reality and virtual reality technologies, an event management system could provide attendees with a more immersive and interactive experience, such as virtual tours of event venues or interactive product demonstrations.

Overall, the future of event management systems is likely to be driven by the need for more personalized and interactive experiences for attendees, as well as the growing demand for virtual and hybrid events. By incorporating emerging technologies and sustainability features, event management systems can continue to evolve and adapt to meet the changing needs of the events industry.

THANK YOU