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EVENT MANAGEMENT SYSTEM USING SALESFORCE

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Abstract-- Event management, a parallel to project management, oversees a wide spectrum of events such as festivals, conferences, parties, concerts, and conventions. Notably, the industry has witnessed substantial recent growth. To address prevailing issues in this domain, we're developing a SALESFORCE application. This application specifically targets birthdays, fundraisers, college festivals, weddings, and social gatherings. It harnesses Sales force, utilizing Lightning web components for its UI and Apex Programming for the backend. Featuring a user friendly GUI suitable for all user types, the app requires initial user registration and profile setup, encompassing preferences and email details. At its core, the application displays event listings, which undergo administrator verification to ensure security compliance, thereby facilitating successful and enjoyable event planning.

Key Words: Events, Salesforce, LWC, Visual force pages

1.INTRODUCTION

The contemporary rise in festivals, weddings, and other events has led to a surge in event planning and management companies. Traditional systems like spreadsheets and databases struggle to cope with the growing number of customers and events. To address this challenge, a modern Smart Event Management System, built on the .Net Framework, has emerged. This system efficiently handles tasks like employee planning, customer management, locations, transportation, and more. Leveraging Smart Web access, it bridges the gap between customers and the management team. Event management, akin to project management, encompasses orchestrating large-scale events such as festivals, conferences, and concerts. It involves understanding the brand, identifying the target audience, conceptualizing events, and coordinating technical aspects. Event planning entails budgeting, scheduling, venue selection, securing permits, managing transportation, and more. Our customized Event Management System aids in strategic planning and furnishes crucial information for future goals. Additionally, it offers remote access features for busy executives, contributing to enhanced resource management.

2. LITERATURE SURVEY

"Barcode Enabled Event Management System for Logistics and Consumables Management" which was published by Aswin Chandrasekharan, Nikhail Venkat, Aniruddha P.B, and Siva Rama Krishnan Somayaji. In this paper access and identity is provided by barcode. Barcode used to ensure smooth registration. It is faster and efficient as well as it is secure. The outcome of this is quick and secured registration. The second paper named as "Smart Event Management System" which is published by Assistant Prof. Khalil Pinjari and Khan Nur. This paper introduced a system which will be modernize and has been developed using advanced language. It was a web application. • Event-Based Modeling for Battery Manufacturing Systems using Sensor Data. An integrated modelling and analysis approach are much needed that can relate the sensor data with the dynamic battery manufacturing and evaluate the system performance for continuous improvement. This chapter presents such a method for sensor manufacturing system modelling and analysis. Distributed sensing, a system resulted in a data-rich environment with opportunities and challenges in manufacturing systems [3] Managing event Information: Modeling, Retrieval, and Applications: Model the proliferation of citizen reporting, smart mobile devices, and social media, an increasing number of people are beginning to generate information about events they observe and participate in. A significant fraction information contains multimedia data to share the experience with their audience. A systematic information modelling and management framework is necessary to capture this widely heterogeneous, schemeless, potentially humongous information produced by many different people. This book is an attempt to examine the modelling, storage, querying, and applications of such an event management system in a holistic manner.

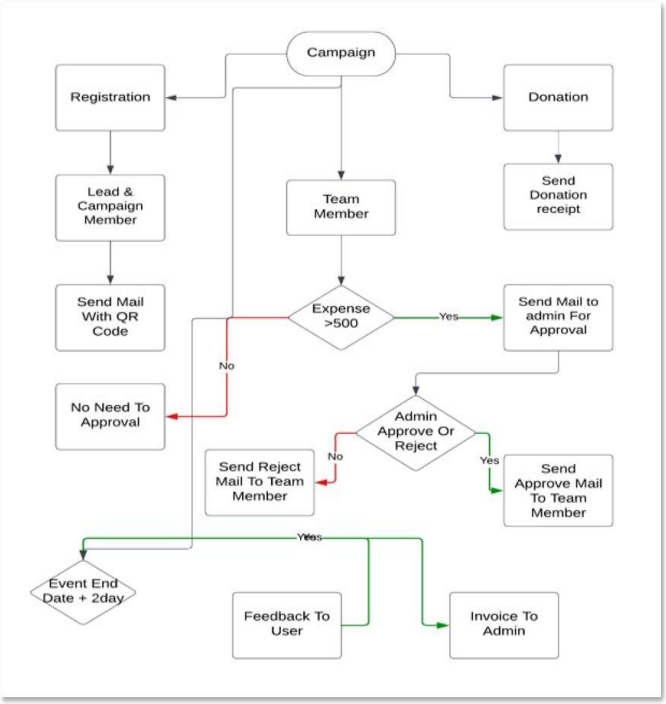
3. METHODOLOGY

The typical methodology for the event management system in Salesforce involves several key stages, all of which are vital for the system's overall success and effectiveness. These stages encompass various essential steps, each playing a critical role in the system's functionality and accomplishment.

- Planning
- Design
- Development
- Deployment
- Maintenance

In essence, the methodology behind the event management system in Salesforce revolves around crafting, creating, and implementing a system that caters to businesses and their users' requirements. Employing a systematic method in system development and upkeep enables businesses to guarantee the dependability, scalability, and efficiency of their event management system.

4. ARCHITECTURE



5. RESULTS

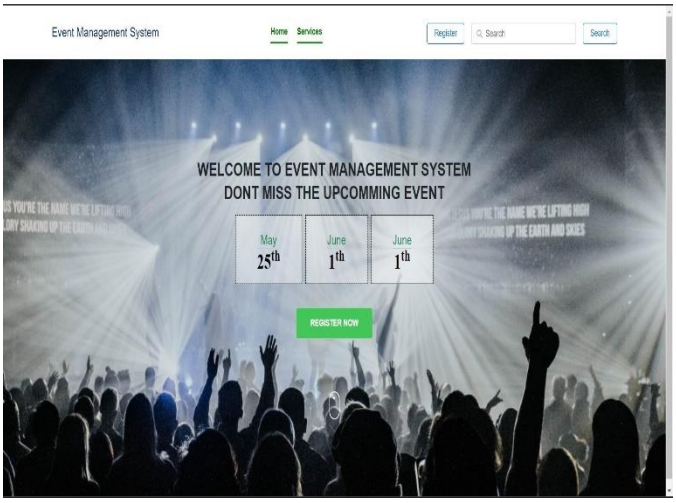


Fig 1 Homepage

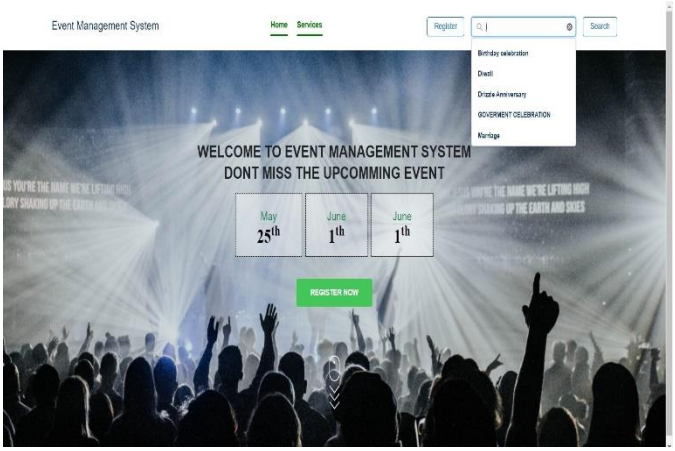


Fig 2: Search specific event

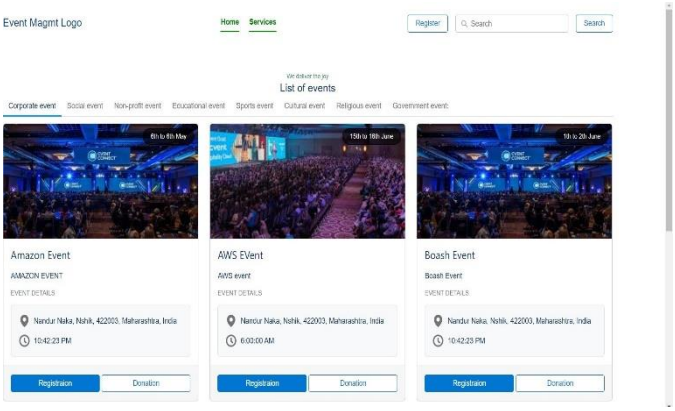


Fig 3: Different events

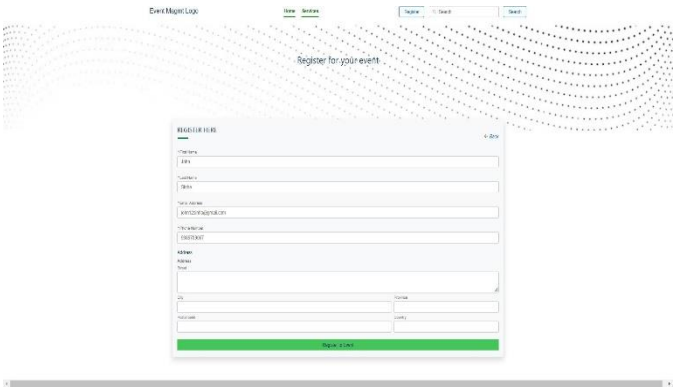


Fig 4: Registration

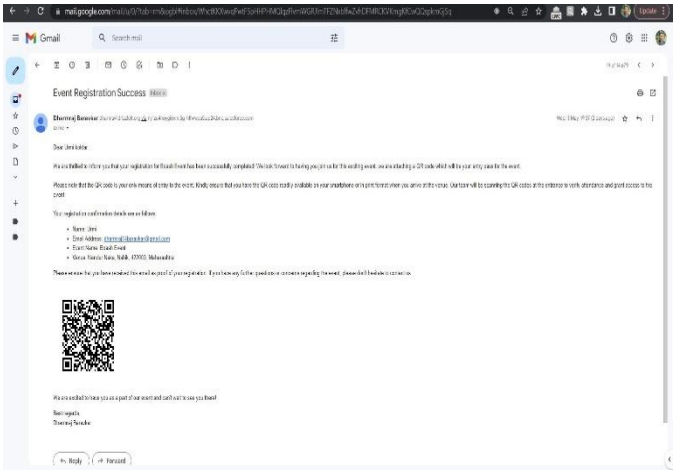


Fig 5: Successful registration mail

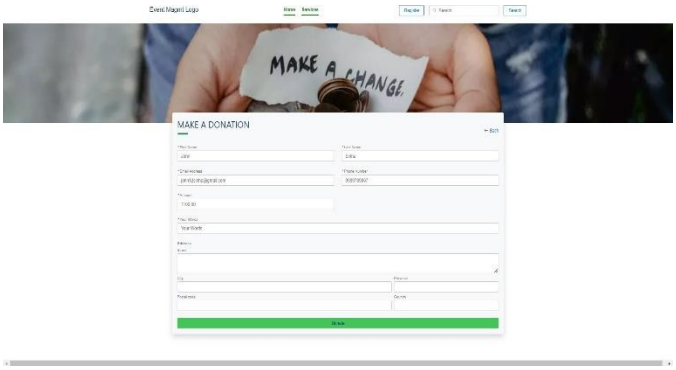


Fig 6: Donation page

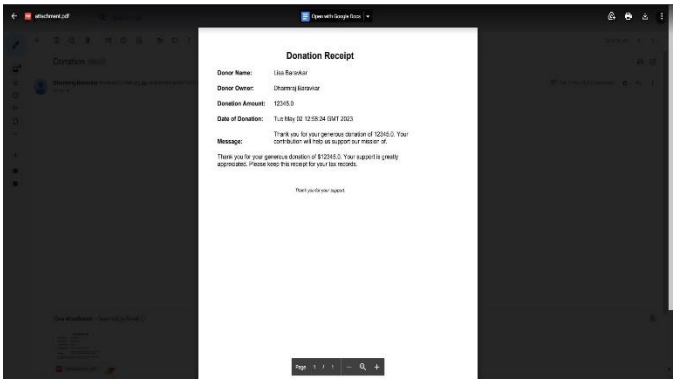


Fig 7: Donation receipt

Fig 8: Check-in check-out QR code

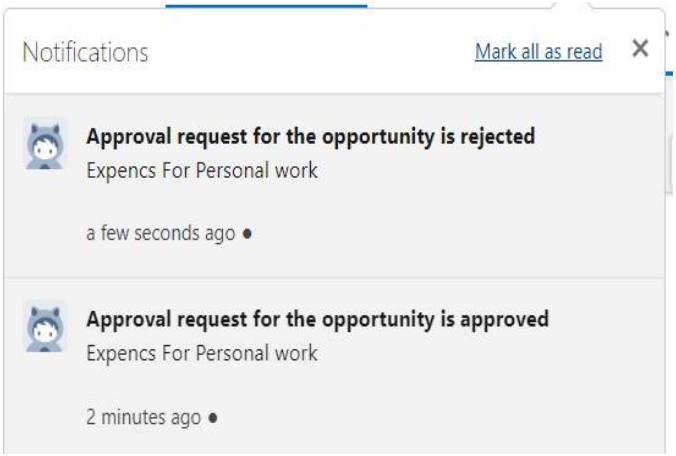


Fig 9: Approval notification to user

Fig 10: Chatbot expert

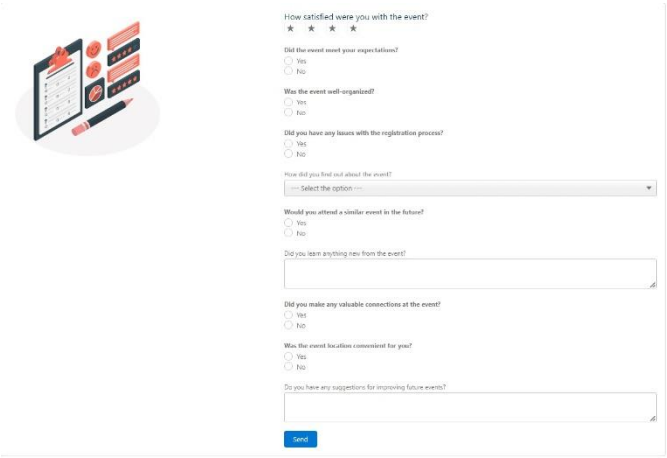


Fig 11: Feedback Form

6. CONCLUSION

The envisioned event management system within Salesforce aims to provide event organizers with a cohesive and efficient platform to manage every facet of an event seamlessly. With enhanced security measures, a dedicated payment gateway for donation management, and a range of other features, the system is tailored to simplify and optimize event management workflows. The integration of approval processes, chatbots, and feedback management constitutes a powerful suite of tools aimed at streamlining operations and enhancing customer experiences. The approval process feature ensures efficient decision-making through automated workflows, maintaining transparency and compliance.

By seamlessly integrating chatbots into Salesforce, organizations can provide instant support and information, boosting engagement änd reducing response times. Feedback management tools allow businesses to gather valuable insights, analyze trends. and drive continuous improvement based on customer input. Together, these functionalities within Salesforce empower organizations to optimize processes, deliver exceptional service, and foster lasting customer relationships.

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